

## DEPARTMENT OF PHYSIOLOGY

### SECOND CIA OF SEMESTER V (H), 2022 (29.11.22, 30.11.22, 01.12.22 & 02.12.22)

| Sl. No. | College Roll No. | NAME                  | CC11TH (UC) | CC11TH (AD) | CC11TH & 12TH (DD) | DSE A2TH (SC) | DSE B1TH (TD) | Total Marks (50) |
|---------|------------------|-----------------------|-------------|-------------|--------------------|---------------|---------------|------------------|
| 1.      | 702              | Chandrachur Paul      | 10          | 10          | 10                 | 06            | 09            | 45               |
| 2.      | 703              | Monoj Murmu           | AB          | AB          | AB                 | AB            | 08            | 08               |
| 3       | 713              | Chandan Das           | 07          | 07          | 05                 | 03            | 06            | 28               |
| 4       | 717              | Anand Singh           | 07          | 09          | 09                 | 05            | 06            | 36               |
| 5       | 720              | Aayushi Chaturvedi    | 09          | 09          | 05                 | 05            | 07            | 35               |
| 6       | 721              | Tathagata Chatterjee  | 04          | 10          | 03                 | 07            | 07            | 31               |
| 7       | 722              | Monosij Bhattacharyya | 09          | 10          | 06                 | 04            | 07            | 36               |
| 8       | 723              | Vivesh Kr. Yadav      | AB          | 06          | 04                 | AB            | 06            | 16               |
| 9       | 725              | Swagata Das           | AB          | -           | AB                 | AB            | AB            | AB               |
| 10      | 731              | Souvik Bose           | 01          | 02          | 05                 | 07            | 05            | 20               |
| 11      | 733              | Suvradeep Mallick     | 02          | 07          | 03                 | 05            | 05            | 22               |
| 12      | 734              | Suchismita Sanyal     | AB          | AB          | AB                 | AB            | AB            | AB               |
| 13      | 741              | Shrean Bose           | AB          | 08          | 07                 | 03            | 05            | 23               |
| 14      | 742              | Kunal Keshav          | -           | -           | -                  | -             | -             | -                |
| 15      | 743              | Ria Nag               | 02          | 05          | 08                 | 03            | 05            | 23               |
| 16      | 745              | Swarnasree Roy        | AB          | 03          | 05                 | 05            | 05            | 18               |
| 17      | 747              | Saptadeepa Mondal     | AB          | 6.50        | 04                 | AB            | 06            | 17               |
| 18      | 748              | Goirik Adhikari       | 05          | 10          | 06                 | 02            | 06            | 29               |
| 19      | 708              | Priyashree Das        | AB          | 05          | AB                 | AB            | 06            | 11               |
| 20      | 712              | Sanjit Dutta          | AB          | 04          | 03                 | AB            | 05            | 12               |
| 21      | 746              | Pragya Das            | AB          | 03          | AB                 | AB            | AB            | AB               |
| 22      | 707              | Abhijeet Sharma       | 09          | 10          | 09                 | 06            | 07            | 41               |
| 23      | 719              | Swastika Singh        | 08          | 08          | AB                 | 02            | 07            | 25               |
| 24      | 727              | Debjit Pramanik       | 08          | 07          | AB                 | 04            | 06            | 25               |
| 25      | 728              | Aritra Rakshit        | 01          | AB          | AB                 | 02            | 06            | 09               |
| 26      | 715              | Vikash Sharma         | AB          | 07          | 06                 | AB            | 06            | 19               |

## DEPARTMENT OF PHYSIOLOGY

### SECOND CIA OF SEMESTER III (H), 2022 (29.11.22, 01.12.22 & 02.12.22)

| Sl. No. | Roll No. | NAME                  | CC5TH & SEC A1 (DD) | CC5TH & SEC A1 (SC) | CC6TH (TD) | CC7TH (AD) | CC7TH (UC) | Total Marks (50) |
|---------|----------|-----------------------|---------------------|---------------------|------------|------------|------------|------------------|
| 1.      | 0003     | Arifuzzaman           | 04                  | 01                  | 04         | 01         | 04         | 14               |
| 2.      | 0015     | Nandini Gupta         | 05                  | 03                  | AB         | 08         | 08         | 24               |
| 3       | 0017     | Sanjukta Ghosh        | AB                  | AB                  | AB         | AB         | AB         | AB               |
| 4       | 0019     | Samiran Naskar        | 03                  | 01                  | 00         | AB         | AB         | 04               |
| 5       | 0020     | Sanchari Pandit       | AB                  | AB                  | AB         | AB         | AB         | AB               |
| 6       | 0021     | Senjuti Ghosal        | AB                  | AB                  | AB         | AB         | AB         | AB               |
| 7       | 0025     | Rishika Koley         | 10                  | 06                  | 05         | 08         | 09         | 38               |
| 8       | 0026     | Tanusha Raj           | 09                  | 04                  | 08         | 10         | 09         | 40               |
| 9       | 0031     | Tanweer Afreen        | 05                  | 05                  | 08         | 09         | 10         | 37               |
| 10      | 0032     | Soutik Bhowmik        | 07                  | 02                  | AB         | 08         | 10         | 27               |
| 11      | 0033     | Rishika Ghosh         | 04                  | 01                  | 02         | 03         | 04         | 14               |
| 12      | 0036     | Debmalya Saha         | AB                  | AB                  | AB         | AB         | AB         | AB               |
| 13      | 0037     | Noorjahan Parveen     | 07                  | 03                  | 08         | 09         | 10         | 37               |
| 14      | 0039     | Srabani Bhattacharjee | 02                  | 02                  | AB         | AB         | AB         | 04               |
| 15      | 0040     | Subho Biswas          | 00                  | 01                  | 00         | AB         | AB         | 01               |
| 16      | 0041     | Sayan Debnath         | 03                  | 01                  | 03         | AB         | AB         | 07               |
| 17      | 0043     | Mainak Sarkar         | 06                  | 01                  | 03         | 03         | 03         | 16               |
| 18      | 0044     | Anushka Biswas        | 02                  | 02                  | 03         | 04         | 05         | 16               |
| 19      | 0047     | Dipayan Dey           | 03                  | 00                  | 00         | AB         | AB         | 03               |
| 20      | 0048     | Shreeparna Mullick    | 07                  | 04                  | 05         | 08         | 09         | 33               |
| 21      | 0050     | Debosmita Chowdhury   | 03                  | 01                  | AB         | 00         | 00         | 04               |

**DEPARTMENT OF PHYSIOLOGY**

**CIA OF SEMESTER VI (H), 2023 (25.04.23, 27.04.23 & 27.04.23)**

| Sl. No. | College Roll No. | NAME                  | UC (F.M.: 20) | RA (FM: 10) | DD (FM 30) | SC (FM: 10) | TD (20) | Total Marks (90) |
|---------|------------------|-----------------------|---------------|-------------|------------|-------------|---------|------------------|
| 1.      | 702              | Chandrachur Paul      | 16            | 06          | 24         | 07          | 12      | 75               |
| 2.      | 703              | Monoj Murmu           | A             | A           | <b>AB</b>  | AB          | AB      | AB               |
| 3       | 713              | Chandan Das           | A             | A           | AB         | AB          | AB      | AB               |
| 4       | 717              | Anand Singh           | 07            | 07          | 19         | 06          | 10      | 49               |
| 5       | 720              | Aayushi Chaturvedi    | 11            | 06          | 18         | 07          | 12      | 54               |
| 6       | 721              | Tathagata Chatterjee  | A             | A           | 15         | 05          | 05      | 25               |
| 7       | 722              | Monosij Bhattacharyya | 12            | 05          | 17         | 06          | 08      | 48               |
| 8       | 723              | Vivesh Kr. Yadav      | A             | 05          | AB         | AB          | AB      | 05               |
| 9       | 725              | Swagata Das           | A             | A           | <b>AB</b>  | AB          | AB      | AB               |
| 10      | 731              | Souvik Bose           | 01            | 02          | 04         | 04          | AB      | 11               |
| 11      | 733              | Suvradeep Mallick     | 06            | 03          | 08         | 02          | 01      | 20               |
| 12      | 734              | Suchismita Sanyal     | 14            | 05          | <b>16</b>  | 04          | 05      | 44               |
| 13      | 741              | Shrean Bose           | A             | A           | AB         | AB          | 01      | 01               |
| 14      | 743              | Ria Nag               | A             | A           | 18         | 05          | AB      | 23               |
| 15      | 745              | Swarnasree Roy        | 04            | 05          | AB         | AB          | 04      | 09               |
| 16      | 747              | Saptadeepa Mondal     | 05            | 03          | AB         | AB          | AB      | 08               |
| 17      | 748              | Goirik Adhikari       | 03            | 05          | 08         | 03          | 06      | 25               |
| 18      | 708              | Priyashree Das        | A             | A           | <b>AB</b>  | AB          | AB      | AB               |
| 19      | 712              | Sanjit Dutta          | 06            | 01          | AB         | AB          | 01      | 08               |
| 20      | 707              | Abhijeet Sharma       | A             | A           | AB         | AB          | AB      | AB               |
| 21      | 719              | Swastika Singh        | 18            | 04          | <b>17</b>  | 05          | 03      | 47               |
| 22      | 727              | Debjit Pramanik       | 05            | 04          | <b>AB</b>  | AB          | AB      | 09               |
| 23      | 728              | Aritra Rakshit        | A             | A           | <b>AB</b>  | AB          | AB      | AB               |
| 24      | 715              | Vikash Sharma         | 03            | A           | AB         | AB          | AB      | 03               |

## DEPARTMENT OF PHYSIOLOGY

### CIA OF SEMESTER IV (H), 2023 (10.05.23, 11.05.23 & 12.05.23)

|     | College Roll No. | NAME                  | UC (FM:10) | AD (FM:20) | DD (FM:20) | RM (FM:20) | SC (FM:10) | TD (FM:20) | Total Marks FM: 100 |
|-----|------------------|-----------------------|------------|------------|------------|------------|------------|------------|---------------------|
| 1.  | 3                | Arifuzzaman           | 02         | 10         | 07         | 10         | 00         | 10         | 39                  |
| 2.  | 19               | Samiran Naskar        | AB         | AB         | AB         | AB         | AB         | AB         | AB                  |
| 3.  | 20               | Sanchari Pandit       | AB         | AB         | AB         | AB         | AB         | AB         | AB                  |
| 4.  | 26               | Tanusha Raj           | AB         | 10         | AB         | AB         | AB         | 13         | 23                  |
| 5.  | 31               | Tanweer Afreen        | AB         | 15         | 14         | 10         | AB         | 16         | 55                  |
| 6.  | 32               | Soutik Bhowmik        | 02         | 10         | 10         | 12         | 05         | 15         | 54                  |
| 7.  | 33               | Rishika Ghosh         | AB         | 10         | AB         | 10         | AB         | AB         | 20                  |
| 8.  | 36               | Debmalya Saha         | AB         | 05         | 02         | 03         | AB         | 07         | 17                  |
| 9.  | 37               | Noorjahan Parveen     | AB         | 15         | 14         | 15         | AB         | 12         | 56                  |
| 10. | 39               | Srabani Bhattacharjee | AB         | 10         | 04         | 08         | AB         | 05         | 27                  |
| 11. | 40               | Subho Biswas          | AB         | 05         | AB         | AB         | AB         | AB         | 05                  |
| 12. | 41               | Sayan Debnath         | AB         | AB         | 00         | 00         | AB         | 01         | 01                  |
| 13. | 43               | Mainak Sarkar         | 04         | 05         | 00         | 05         | 01         | 04         | 19                  |
| 14. | 44               | Anushka Biswas        | 04         | 05         | 00         | 05         | 05         | 09         | 28                  |
| 15. | 47               | Dipayan Dey           | 01         | 02         | 00         | 04         | 05         | 08         | 20                  |
| 16. | 48               | Shreeparna Mullick    | 08         | 08         | 16         | 10         | 05         | 13         | 60                  |
| 17. | 50               | Debosmita Chowdhury   | AB         | 02         | 00         | 02         | AB         | 04         | 08                  |
| 18. | 15               | Nandini Gupta         | AB         | 10         | 03         | 10         | AB         | 07         | 30                  |
| 19. | 21               | Senjuti Ghosal        | 07         | 12         | 10         | 10         | 02         | 13         | 54                  |
| 20. | 25               | Rishika Koley         | 08         | 15         | 18         | 15         | 08         | 15         | 79                  |
| 21. |                  | Pragya Das            | AB         | AB         | 00         | 00         | AB         | 04         | 04                  |

## DEPARTMENT OF PHYSIOLOGY

### CIA OF SEMESTER II (H), 2023 (15.05.23, 16.05.23 & 20.05.23)

| Sl. No. | NAME             | College<br>Roll. No. | TD (20) | AD(20) | RM(20)    | DD<br>(FM 25) | SC<br>(FM 10) | UC<br>(FM 20) | Total<br>Marks |
|---------|------------------|----------------------|---------|--------|-----------|---------------|---------------|---------------|----------------|
| 1.      | SHREYA DE        | 0001                 | 04      | 14     | 10        | 09            | AB            | 07            | 44             |
| 2.      | SUCHANDRA DUTTA  | 0002                 | AB      | AB     | <b>AB</b> | <b>AB</b>     | AB            | AB            | AB             |
| 3.      | RUNU MONDAL      | 0003                 | 01      | 13     | 12        | 05            | 03            | 01            | 35             |
| 4.      | ANWIKSHA DAS     | 0004                 | AB      | 14     | 15        | 17            | 05            | 10            | 61             |
| 5.      | MD. NOORANEE     | 0009                 | 02      | 15     | 16        | 20            | 06            | 11            | 70             |
| 6.      | SHIROPA GHOSH    | 0010                 | AB      | AB     | AB        | AB            | AB            | AB            | AB             |
| 7.      | SRIJAN BISWAS    | 0012                 | 02      | 12     | 13        | AB            | 05            | AB            | 32             |
| 8.      | MD. SAMIR SK     | 0014                 | AB      | 13     | 14        | AB            | AB            | AB            | 27             |
| 9.      | SRIJITA KOLEY    | 0016                 | AB      | 14     | <b>10</b> | 06            | 01            | 04            | 35             |
| 10.     | AHELI MITRA      | 0020                 | 16      | 16     | 17        | 23            | 06            | 16            | 94             |
| 11.     | JOYTI BARUI      | 0021                 | 01      | 10     | 12        | AB            | AB            | AB            | 23             |
| 12.     | ABHISHEK PRASAD  | 0026                 | 02      | 10     | 13        | 11            | 04            | 00            | 40             |
| 13.     | SHUBHAJIT SAHA   | 0027                 | 03      | 10     | <b>09</b> | AB            | 05            | AB            | 27             |
| 14.     | TULI DAS         | 0028                 | 05      | 10     | 12        | 12            | 04            | 05            | 48             |
| 15.     | VAISHNAVI PANDEY | 0029                 | 02      | 10     | <b>10</b> | 13            | 04            | 00            | 39             |
| 16.     | AVISIKTA BOSE    | 0030                 | 01      | 10     | <b>09</b> | 05            | 03            | 01            | 29             |
| 17.     | SHADKA ASHRAFI   | 0033                 | AB      | AB     | AB        | AB            | AB            | AB            | AB             |
| 18.     | ALAMIN ALAM ARAB | 0035                 | AB      | 02     | 05        | 07            | AB            | AB            | 14             |
| 19.     | MAITRIYEE NANDY  | 0039                 | 04      | 12     | 15        | 14            | 06            | 07            | 58             |
| 20.     | SHREYA DEY       | 0040                 | 05      | 07     | 05        | 04            | 04            | 01            | 26             |

DEPARTMENT OF PHYSIOLOGY

**FIRST CIA OF SEMESTER V (H), 2022 (13.09.22 & 14.09.22)**

| Sl. No. | College Roll No. | NAME                     | CC11TH (UC) | CC11TH (AD) | CC11TH & 12TH (DD) | DSE A2TH (SC) | DSE B1TH (TD) | Total Marks (50) |
|---------|------------------|--------------------------|-------------|-------------|--------------------|---------------|---------------|------------------|
| 1.      | 702              | Chandrachur Paul         | 07          | 09          | 06                 | 07            | 05            | 34               |
| 2.      | 703              | Monoj Murmu              | 07          | AB          | 04                 | AB            | AB            | 11               |
| 3       | 713              | Chandan Das              | 04          | 09          | 04                 | 06            | 08            | 31               |
| 4       | 717              | Anand Singh              | 03          | 09          | 05                 | 08            | 08            | 33               |
| 5       | 720              | Aayushi Chaturvedi       | 08          | 08          | 04                 | 05            | 08            | 33               |
| 6       | 721              | Tathagata Chatterjee     | 05          | AB          | 05                 | 06            | AB            | 16               |
| 7       | 722              | Monosij<br>Bhattacharyya | AB          | 06          | AB                 | AB            | 04            | 10               |
| 8       | 723              | Vivesh Kr. Yadav         | AB          | AB          | AB                 | AB            | AB            | AB               |
| 9       | 725              | Swagata Das              | AB          | AB          | AB                 | AB            | AB            | AB               |
| 10      | 731              | Souvik Bose              | 03          | AB          | 05                 | 08            | AB            | 16               |
| 11      | 733              | Suvradeep Mallick        | 03          | 01          | 06                 | 06            | 06            | 22               |
| 12      | 734              | Suchismita Sanyal        | 05          | 09          | 05                 | 08            | 06            | 33               |
| 13      | 741              | Shrean Bose              | 06          | 04          | 05                 | 06            | 03            | 24               |
| 14      | 742              | Kunal Keshav             | AB          | AB          | AB                 | AB            | AB            | AB               |
| 15      | 743              | Ria Nag                  | 05          | AB          | 03                 | 05            | AB            | 13               |
| 16      | 745              | Swarnasree Roy           | AB          | 05          | AB                 | AB            | 07            | 12               |
| 17      | 747              | Saptadeepa Mondal        | 05          | AB          | 04                 | 05            | AB            | 14               |
| 18      | 748              | Goirik Adhikari          | 08          | 09          | 03                 | 09            | 03            | 32               |
| 19      | 708              | Priyashree Das           | 05          | AB          | 05                 | 05            | AB            | 15               |
| 20      | 712              | Sanjit Dutta             | 03          | 03          | 04                 | 03            | 04            | 14               |
| 21      | 746              | Pragya Das               | AB          | AB          | 04                 | AB            | AB            | 04               |
| 22      | 707              | Abhijeet Sharma          | 07          | 10          | 05                 | 07            | 08            | 37               |
| 23      | 719              | Swastika Singh           | AB          | AB          | 05                 | 05            | AB            | 10               |
| 24      | 727              | Debjit Pramanik          | AB          | 03          | AB                 | AB            | 03            | 06               |
| 25      | 728              | Aritra Rakshit           | 04          | 08          | 04                 | 08            | 07            | 31               |

DEPARTMENT OF PHYSIOLOGY

**FIRST CIA OF SEMESTER III (H), 2022 (19.09.22, 20.09.22 & 22.09.22)**

| Sl. No. | College Roll No. | NAME                     | CC5TH & SEC B1 (DD) | CC5TH & SEC B1 (SC) | CC6TH (TD) | CC7TH (AD) | CC7TH (UC) | Total Marks (50) |
|---------|------------------|--------------------------|---------------------|---------------------|------------|------------|------------|------------------|
| 1.      | 0003             | Arifuzzaman              | 03                  | 08                  | 03         | 01         | 04         | 19               |
| 2.      | 0015             | Nandini Gupta            | 06                  | 07                  | 03         | 10         | 09         | 35               |
| 3       | 0017             | Sanjukta Ghosh           | 05                  | 08                  | 03         | AB         | 05         | 21               |
| 4       | 0019             | Samiran Naskar           | 06                  | A                   | A          | AB         | 06         | 12               |
| 5       | 0020             | Sanchari Pandit          | 06                  | 10                  | 06         | 07         | 05         | 34               |
| 6       | 0021             | Senjuti Ghosal           | 04                  | 05                  | 04         | 06         | 05         | 24               |
| 7       | 0025             | Rishika Koley            | 08                  | 07                  | 02         | 09         | 06         | 32               |
| 8       | 0026             | Tanusha Raj              | 07                  | 07                  | 04         | 08         | 09         | 35               |
| 9       | 0031             | Tanweer Afreen           | 07                  | 07                  | 03         | 04         | 09         | 30               |
| 10      | 0032             | Soutik Bhowmik           | 08                  | 08                  | 03         | 03         | 07         | 29               |
| 11      | 0033             | Rishika Ghosh            | 05                  | 06                  | 02         | AB         | 08         | 21               |
| 12      | 0036             | Debmalya Saha            | 06                  | 07                  | 03         | 02         | 09         | 27               |
| 13      | 0037             | Noorjahan Parveen        | A                   | A                   | A          | 04         | A          | 04               |
| 14      | 0039             | Srabani<br>Bhattacharjee | 07                  | 04                  | 03         | AB         | 03         | 17               |
| 15      | 0040             | Subho Biswas             | 03                  | A                   | A          | AB         | 04         | 07               |
| 16      | 0041             | Sayan Debnath            | 02                  | A                   | A          | AB         | 05         | 07               |
| 17      | 0043             | Mainak Sarkar            | 02                  | A                   | A          | AB         | 08         | 10               |
| 18      | 0044             | Anushka Biswas           | 07                  | 06                  | 04         | 09         | 08         | 34               |
| 19      | 0047             | Dipayan Dey              | 05                  | 05                  | 05         | AB         | 04         | 19               |
| 20      | 0048             | Shreeparna Mullick       | 08                  | 05                  | 03         | 08         | 09         | 33               |
| 21      | 0050             | Debosmita<br>Chowdhury   | 03                  | 06                  | 03         | 04         | 05         | 21               |

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

I SEMESTER HONOURS (CC- – GEOTECTONICS AND GEOMORPHOLOGY THEORY)

Dated: 23.11.2022

Time: 01 hour

FULL MARKS-20

**Category - A**

Answer **any five** questions (each withing **150 words**)

(2×5 = 10)

1. Define map.
2. Define positive and retrograde vernier scale.
3. What is generating globe?
4. Distinguish between magnetic and true bearing.
5. What is UTM projection?
6. Why map projection is necessary?
7. What is whole circle bearing?

Answer **any one** question (within **500 words**)

(10×1 = 10)

8. Briefly discuss the properties of map projections.
9. Discuss the concept of different types of scales.



20/11/22

**STATEMENT OF MARKS OF CLASS TEST DATED 23.11.2022**  
**I SEMESTER HONOURS**

| SL. NO | STUDENT ID | NAME                       | MARKS OBTAINED |
|--------|------------|----------------------------|----------------|
| 1      | 22/0002    | KOUSHIK ROY                | 8              |
| 2      | 22/0003    | SUBHAJIT MANDAL            | 7              |
| 3      | 22/0004    | TRISHA GHARAI              | 6              |
| 4      | 22/0005    | PAPAN JANA                 | Ab             |
| 5      | 22/0007    | SATYAJIT MAJHI             | 12             |
| 6      | 22/0008    | SOURAV BANDURI             | 10             |
| 7      | 22/0009    | PATHIKRIT GANGOPADHYAY     | 10             |
| 8      | 22/0010    | SK ABDUL FAYYID            | 8              |
| 9      | 22/0011    | MOUMITA MONDAL             | 8              |
| 10     | 22/0012    | CHONDAN GOSWAMI            | Ab             |
| 11     | 22/0013    | SUBHADWIP GHOSH            | 8              |
| 12     | 22/0014    | BARSHA BISWAS              | Ab             |
| 13     | 22/0015    | SWAPNANIL SAHA             | 8              |
| 14     | 22/0016    | RIDHIMAN SAHA              | 6              |
| 15     | 22/0017    | PRIYANGSU SARKAR           | 6              |
| 16     | 22/0018    | SUDIPTA DAS ROY            | 8              |
| 17     | 22/0019    | SADHANA BARAI              | 6              |
| 18     | 22/0020    | SOHINI PAUL                | 5              |
| 19     | 22/0022    | ADITI CHANDA               | 10             |
| 20     | 22/0023    | MOHINI HALDER              | 7              |
| 21     | 22/0024    | ANKITA GHOSH               | 6              |
| 22     | 22/0025    | DEVLENA ROY                | 8              |
| 23     | 22/0026    | ASMITA SAHA                | 8              |
| 24     | 22/0027    | SAYAN CHOWDHURY            | Ab             |
| 25     | 22/0028    | SHIPAK MAHATO              | 7              |
| 26     | 22/0029    | SOURISH CHATTOPADHYAY      | 7              |
| 27     | 22/0030    | ARITRA DUTTA               | 6              |
| 28     | 22/0031    | ARGHADEEP SARKAR           | 6              |
| 29     | 22/0032    | ASMITA MUKHERJEE           | 7              |
| 30     | 22/0033    | NABANITA SAHA              | Ab             |
| 31     | 22/0034    | CHANDRADRITA GUHA MAJUMDER | 8              |
| 32     | 22/0035    | ANJALI PAUL                | 10             |
| 33     | 22/0036    | DISHA DAS                  | 8              |
| 34     | 22/0037    | SUBHAM Das                 | Ab             |
| 35     | 22/0038    | PRIYAS PAUL                | Ab             |
| 36     | 22/0039    | PRIYANGSHU SUR             | 7              |
| 37     | 22/0040    | SOURODEEP ROY              | 8              |
| 38     | 22/0041    | PURBA SENAPATI             | 6              |
| 39     | 22/0042    | SWARNAJIT SAHA             | 7              |

*Dipansita Nanda*  
29.11.22

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

I SEMESTER HONOURS (CC- – GEOTECTONICS AND GEOMORPHOLOGY THEORY)

Dated: 20.12.2022

Time: 01 hour

FULL MARKS-20

**Category - A**

Answer **any five** questions (each withing **150 words**)

(2×5 = 10)

1. What is meant by compensation in the context of the theory of isostasy?
2. What is meant by plate tectonics?
3. What is meant by active margin?
4. What is peneplain?
5. What is hanging valley?
6. What is exfoliation?
7. What is hydrolysis?

Answer **any one** question (within **500 words**)

(10×1 = 10)

8. Discuss the various types of impact of weathering on land surface.
9. Explain the landforms produced by fluvial action.

STATEMENT OF MARKS OF CLASS TEST  
I SEMESTER HONOURS

Date : 20/12/22

| SL. NO | STUDENT ID | NAME                       | MARKS OBTAINED |
|--------|------------|----------------------------|----------------|
| 1      | 22/0002    | KOUSHIK ROY                | 8              |
| 2      | 22/0003    | SUBHAJIT MANDAL            | 8              |
| 3      | 22/0004    | TRISHA GHARAI              | 7              |
| 4      | 22/0005    | PAPAN JANA                 | 6              |
| 5      | 22/0007    | SATYAJIT MAJHI             | 14             |
| 6      | 22/0008    | SOURAV BANDURI             | 8              |
| 7      | 22/0009    | PATHIKRIT GANGOPADHYAY     | 12             |
| 8      | 22/0010    | SK ABDUL FAYYID            | 10             |
| 9      | 22/0011    | MOUMITA MONDAL             | 8              |
| 10     | 22/0012    | CHONDAN GOSWAMI            | AB             |
| 11     | 22/0013    | SUBHADWIP GHOSH            | AB             |
| 12     | 22/0014    | BARSHA BISWAS              | .              |
| 13     | 22/0015    | SWAPNANIL SAHA             | 8              |
| 14     | 22/0016    | RIDHIMAN SAHA              | 7              |
| 15     | 22/0017    | PRIYANGSU SARKAR           | 8              |
| 16     | 22/0018    | SUDIPTA DAS ROY            | 8              |
| 17     | 22/0019    | SADHANA BARAI              | 7              |
| 18     | 22/0020    | SOHINI PAUL                | 6              |
| 19     | 22/0022    | ADITI CHANDA               | 12             |
| 20     | 22/0023    | MOHINI HALDER              | 8              |
| 21     | 22/0024    | ANKITA GHOSH               | 8              |
| 22     | 22/0025    | DEVLENA ROY                | 10             |
| 23     | 22/0026    | ASMITA SAHA                | 10             |
| 24     | 22/0027    | SAYAN CHOWDHURY            | AB             |
| 25     | 22/0028    | SHIPAK MAHATO              | AB             |
| 26     | 22/0029    | SOURISH CHATTOPADHYAY      | 8              |
| 27     | 22/0030    | ARITRA DUTTA               | AB             |
| 28     | 22/0031    | ARGHADEEP SARKAR           | 7              |
| 29     | 22/0032    | ASMITA MUKHERJEE           | 8              |
| 30     | 22/0033    | NABANITA SAHA              | 8              |
| 31     | 22/0034    | CHANDRADRITA GUHA MAJUMDER | 8              |
| 32     | 22/0035    | ANJALI PAUL                | 10             |
| 33     | 22/0036    | DISHA DAS                  | AB             |
| 34     | 22/0037    | SUBHAM Das                 | 8              |
| 35     | 22/0038    | PRIYAS PAUL                | 8              |
| 36     | 22/0039    | Priyanshu Sur              | AB             |
| 37     | 22/0040    | Souradeep Roy              | 7              |
| 38     | 22/0041    | Purba Senapati             | 8              |
| 39     | 22/0042    | Swarnajit Saha             | AB             |

Hilanjana Pray...  
24/12/22

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

III SEMESTER HONOURS (CC-6 – Hydrology)

Dated: 03. 11.2022

### Category - A

1. Answer **any two** questions (each within **50 words**) (2×5 = 10)

- A. Define hydrological cycle.
- B. Briefly outline the major components of a drainage basin.
- C. What is evapotranspiration?
- D. What is meant by an open system?
- E. Define phreatic zone of aquifer.
- F. How does a rock's porosity differ from its permeability?

### Category - C

2. Answer **any one** question (within **500 words**) (10×1 = 10)

- A. Why drainage basin is considered as a hydrological unit? Discuss the principles of rainwater harvesting. (4+6)
- B. What are the different factors that control the input (recharge), transfer (movement) and output (discharge) of groundwater? Briefly explain the Darcy's law of groundwater movement. (8+2)

**STATEMENT OF MARKS OF CLASS TEST  
III SEMESTER HONOURS**

Date: 3.11.22

| SL. NO. | STUDENT | NAME                | MARKS OBTAINED |
|---------|---------|---------------------|----------------|
| 1       | 21/0003 | ANIRUDHYA GHOSH     | AB             |
| 2       | 21/0004 | CHANDRAYE MUKHERJEE | 10             |
| 3       | 21/0006 | JAYDEEP MANDAL      | AB             |
| 4       | 21/0009 | ROHAN BISWAS        | 8              |
| 5       | 21/0010 | PRIYANKA SEAL       | AB             |
| 6       | 21/0011 | PRITAM DHANG        | AB             |
| 7       | 21/0012 | SAMPRIIT MANDAL     | 10             |
| 8       | 21/0015 | SANGEETA PAUL       | 14             |
| 9       | 21/0016 | DEVJYOTI GAIN       | AB             |
| 10      | 21/0017 | SAPTARSHI ROY       | 12             |
| 11      | 21/0018 | SANTANU PAUL        | 5              |
| 12      | 21/0019 | SUKRIT SHARMA       | 8              |
| 13      | 21/0020 | PALLAB CHAKRABORTY  | AB             |
| 14      | 21/0022 | PAULOMI HALDER      | 10             |
| 15      | 21/0023 | SUBHAJIT DUTTA      | AB             |
| 16      | 21/0024 | GOURAB CHATTERJEE   | 12             |
| 17      | 21/0027 | PRAVAT DAS          | AB             |
| 18      | 21/0028 | SHIB SANKAR SAHA    | AB             |
| 19      | 21/0029 | SRIJEET CHAKRABORTY | 9              |
| 20      | 21/0030 | NIKHIL SINGH        | AB             |
| 21      | 21/0031 | JHANTU SHAW         | AB             |
| 22      | 21/0032 | PAROMITA ROY        | AB             |
| 23      | 21/0033 | MANISHA PAUL        | AB             |
| 24      | 21/0034 | AMIYA BARMAN        | AB             |
| 25      | 21/0035 | AFRIN HOSSAIN       | 8              |
| 26      | 21/0036 | DEBANJAN DAS-1      | 7              |
| 27      | 21/0037 | SRIJA GHOSH         | 10             |
| 28      | 21/0038 | DEBANJAN DAS-2      | AB             |
| 29      | 21/0039 | DISHARI GHOSH       | 10             |
| 30      | 21/0042 | MONIDIPA CHOWDHURY  | AB             |
| 31      | 21/0043 | AKASH CHAKRABORTY   | AB             |
| 32      | 21/0044 | SMITI SAHA          | AB             |
| 33      | 21/0045 | BARNALI BASAK       | 6              |
| 34      | 21/0046 | BIPASHA JANA        | AB.            |

Jadab Lal Santra  
10.11.22

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

III SEMESTER HONOURS (CC-5 – CLIMATOLOGY THEORY)

Dated: 11.11.2022

Time: 01 hour

### Category - A

1. Answer *any two* questions (each withing **150 words**) (5×2 = 10)
- A. Briefly explain the different types of fronts with emphasis on the associated weather system. (5)
- B. Distinguish between barotropic and baroclinic conditions. (5)
- C. Write in brief about the major characteristics of thunderstorms. (5)

### Category - B

2. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Define air-mass. Classify the major air-masses of the world and explain in detail any one of them. (2+8)
- B. What is Jet stream? Explain the effect of jet stream on Indian monsoon with proper sketches. (2+8)

**STATEMENT OF MARKS OF CLASS TEST DATED 11.11.2022**  
**III SEMESTER HONOURS**

| SL. NO. | STUDENT | NAME                | MARKS OBTAINED |
|---------|---------|---------------------|----------------|
| 1       | 21/0003 | ANIRUDHYA GHOSH     | 12             |
| 2       | 21/0004 | CHANDRAYE MUKHERJEE | 14             |
| 3       | 21/0006 | JAYDEEP MANDAL      | Ab             |
| 4       | 21/0009 | ROHAN BISWAS        | Ab             |
| 5       | 21/0010 | PRIYANKA SEAL       | Ab             |
| 6       | 21/0011 | PRITAM DHANG        | 10             |
| 7       | 21/0012 | SAMPRIIT MANDAL     | 12             |
| 8       | 21/0015 | SANGEETA PAUL       | 14             |
| 9       | 21/0016 | DEVJYOTI GAIN       | Ab             |
| 10      | 21/0017 | SAPTARSHI ROY       | 12             |
| 11      | 21/0018 | SANTANU PAUL        | Ab             |
| 12      | 21/0019 | SUKRIT SHARMA       | Ab             |
| 13      | 21/0020 | PALLAB CHAKRABORTY  | Ab             |
| 14      | 21/0022 | PAULOMI HALDER      | 12             |
| 15      | 21/0023 | SUBHAJIT DUTTA      | 8              |
| 16      | 21/0024 | GOURAB CHATTERJEE   | Ab             |
| 17      | 21/0027 | PRAVAT DAS          | 8              |
| 18      | 21/0028 | SHIB SANKAR SAHA    | Ab             |
| 19      | 21/0029 | SRIJEET CHAKRABORTY | 8              |
| 20      | 21/0030 | NIKHIL SINGH        | 7              |
| 21      | 21/0031 | JHANTU SHAW         | 10             |
| 22      | 21/0032 | PAROMITA ROY        | Ab             |
| 23      | 21/0033 | MANISHA PAUL        | Ab             |
| 24      | 21/0034 | AMIYA BARMAN        | 10             |
| 25      | 21/0035 | AFRIN HOSSAIN       | 8              |
| 26      | 21/0036 | DEBANJAN DAS-1      | Ab             |
| 27      | 21/0037 | SRIJA GHOSH         | 12             |
| 28      | 21/0038 | DEBANJAN DAS-2      | Ab             |
| 29      | 21/0039 | DISHARI GHOSH       | Ab             |
| 30      | 21/0042 | MONIDIPA CHOWDHURY  | Ab             |
| 31      | 21/0043 | AKASH CHAKRABORTY   | Ab             |
| 32      | 21/0044 | SMITI SAHA          | 8              |
| 33      | 21/0045 | BARNALI BASAK       | 8              |
| 34      | 21/0046 | BIPASHA JANA        | Ab             |

*Thanda Key*

16.11.2022

## **CLASS TEST**

**Department of geography**

**Third Semester Honours–Climatology**

**Time = 45 minutes**

**Dated: 21.11.2022**

**Time = 45 minutes**

**Answer anyone (1×4 = 4)**

1. Discuss the weather conditions associated with a stable and unstable atmosphere. (4)
2. Explain the structure of a tropical cyclone. (4)

**Answer any one (1×10 = 10)**

3. Explain the effect of the Jet stream on the Indian monsoon. Discuss the significance of MONEX. (7+3)
4. Explain the different climatic regimes provided by Thornthwaite (1955). (10)



**STATEMENT OF MARKS OF CLASS TEST DATED 21/11/2022**  
**III SEMESTER HONOURS**

| SL. NO. | STUDENT | NAME                | MARKS OBTAINED |
|---------|---------|---------------------|----------------|
| 1       | 21/0003 | ANIRUDHYA GHOSH     | 8              |
| 2       | 21/0004 | CHANDRAYE MUKHERJEE | 9              |
| 3       | 21/0006 | JAYDEEP MANDAL      | Ab             |
| 4       | 21/0009 | ROHAN BISWAS        | 8              |
| 5       | 21/0010 | PRIYANKA SEAL       | 6              |
| 6       | 21/0011 | PRITAM DHANG        | 7              |
| 7       | 21/0012 | SAMPRIIT MANDAL     | Ab             |
| 8       | 21/0015 | SANGEETA PAUL       | 10             |
| 9       | 21/0016 | DEVJIYOTI GAIN      | 8              |
| 10      | 21/0017 | SAPTARSHI ROY       | 7              |
| 11      | 21/0018 | SANTANU PAUL        | 4              |
| 12      | 21/0019 | SUKRIT SHARMA       | 5              |
| 13      | 21/0020 | PALLAB CHAKRABORTY  | Ab             |
| 14      | 21/0022 | PAULOMI HALDER      | Ab             |
| 15      | 21/0023 | SUBHAJIT DUTTA      | 5              |
| 16      | 21/0024 | GOURAB CHATTERJEE   | 8              |
| 17      | 21/0027 | PRAVAT DAS          | 4              |
| 18      | 21/0028 | SHIB SANKAR SAHA    | 2              |
| 19      | 21/0029 | SRIJEET CHAKRABORTY | Ab             |
| 20      | 21/0030 | NIKHIL SINGH        | 4              |
| 21      | 21/0031 | JHANTU SHAW         | 6              |
| 22      | 21/0032 | PAROMITA ROY        | Ab             |
| 23      | 21/0033 | MANISHA PAUL        | 7              |
| 24      | 21/0034 | AMIYA BARMAN        | Ab             |
| 25      | 21/0035 | AFRIN HOSSAIN       | Ab             |
| 26      | 21/0036 | DEBANJAN DAS-1      | 5              |
| 27      | 21/0037 | SRIJA GHOSH         | 8              |
| 28      | 21/0038 | DEBANJAN DAS-2      | Ab             |
| 29      | 21/0039 | DISHARI GHOSH       | 6              |
| 30      | 21/0042 | MONIDIPA CHOWDHURY  | Ab             |
| 31      | 21/0043 | AKASH CHAKRABORTY   | 5              |
| 32      | 21/0044 | SMITI SAHA          | 6              |
| 33      | 21/0045 | BARNALI BASAK       | Ab             |
| 34      | 21/0046 | BIPASHA JANA        | Ab             |

*Prabir Dey*  
27.11.2022

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

V SEMESTER HONOURS (CC-11 – Research Methodology and Fieldwork)

Dated: 10.09.2022

Time: 01 hour 30 minutes

### Category - A

1. Answer *any five* questions (each within **50 words**) (2×5 = 10)
- A. Briefly explain the different types of observation in research with proper examples.
- B. What is the role of tabulation in post field analysis?
- C. Briefly discuss the transect method of landscape survey.
- D. What do you mean by tabulation in geographical research?
- E. Define structured interview.
- F. What are the goals of collecting sketches and photos during fieldwork?

### Category - B

2. Answer *any two* questions (each withing **150 words**) (5×2 = 10)
- A. Illustrate the ethics of fieldwork.
- B. Explain the different parts of a table.
- C. Discuss the different types of questionnaires with proper examples.

### Category - C

3. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Discuss the different steps involved in data processing. What are the problems associated with data processing? (6+4)
- B. Why is qualitative research important? Which techniques are used in qualitative research? (5+5)

STATEMENT OF MARKS OF CLASS TESTS DATED 10/09/2022  
V SEMESTER HONOURS

| SL.NO. | ROLL NUMBER | NAME                | MARKS OBTAINED |
|--------|-------------|---------------------|----------------|
| 1      | 20/1719     | PARNASHREE PATRA    | 14             |
| 2      | 20/1716     | SAYANI DUTTA        | 18             |
| 3      | 20/1717     | SHAYONI ROY         | 16             |
| 4      | 20/1730     | ARPITA GHOSH        | 15             |
| 5      | 20/1735     | RIDDHI DAS          | 16             |
| 6      | 20/1733     | ARPITA GIRI         | Ab             |
| 7      | 20/1724     | PHOOL SAHA          | 14             |
| 8      | 20/1723     | SHREEPARNA DAS      | Ab             |
| 9      | 20/1727     | DEBJANI DEY         | Ab             |
| 10     | 20/1739     | TUMPA DEY           | Ab             |
| 11     | 20/1741     | DRISTI DAS          | 14             |
| 12     | 20/1728     | SAYONI BARUI        | Ab             |
| 13     | 20/1738     | TRISHA MONDAL       | 10             |
| 14     | 20/1702     | BIPASHA SADHUKHAN   | 18             |
| 15     | 20/1726     | PIYALI ACHARYA      | 12             |
| 16     | 20/1734     | MAINAK CHOWDHURY    | 10             |
| 17     | 20/1737     | ARNAB RAO           | Ab             |
| 18     | 20/1729     | AMAN GUPTA          | 12             |
| 19     | 20/1714     | DEBADITYA BANERJEE  | 10             |
| 20     | 20/1722     | ARINDAM BANERJEE    | Ab             |
| 21     | 20/1713     | RITAM PAUL          | Ab             |
| 22     | 20/1715     | SHUVO BHATTACHARJEE | Ab             |
| 23     | 20/1720     | ANIRUDDHA BOSE      | Ab             |
| 24     | 20/1709     | SARBAJIT SARKAR     | Ab             |
| 25     | 20/1736     | UJJAL BERA          | Ab             |
| 26     | 20/1711     | FARUK ABDULLAH      | Ab             |
| 27     | 20/1740     | MD. AMIR HOQUE      | Ab             |
| 28     | 20/1732     | RANIT MAKHAL        | 10             |
| 29     | 20/1704     | KAUSTAV BAIDYA      | 10             |
| 30     | 20/1718     | DHRUBA DAS          | Ab             |
| 31     | 20/1708     | AKASH ROY           | 8              |
| 32     | 20/1710     | DEVRAJ MAKAL        | Ab             |
| 33     | 20/1725     | SAYAN BERA          | 10             |
| 34     | 20/1742     | PRITAM PAUL         | Ab             |
| 35     | 20/1705     | ASHIF-UL-HAQUE      | Ab             |
| 36     | 20/1721     | SAMIR NASKAR        | Ab             |

*Sipancita Naveed*  
14.09.22

**CLASS TEST**

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

V SEMESTER HONOURS (CC-12 – Geographical Information System)

Dated: 14.09.2022

Time: 01 hour 30 minutes

**Category - A**

1. Answer *any five* questions (each within **50 words**) (2×5 = 10)

- A. What is GIS?
- B. What are the different types of vector data?
- C. What is DN value?
- D. Briefly explain the concept of data manipulation in GIS.
- E. What are the key features of spatial data?
- F. What is the purpose of using union method GIS?

**Category - B**

2. Answer *any two* questions (each withing **150 words**) (5×2 = 10)

- A. Briefly outline the principles of preparing attribute table
- B. Discuss the importance of buffer in GIS.
- C. Write a short note on query and its use in GIS.

**Category - C**

3. Answer *any one* question (within **500 words**) (10×1 = 10)

- A. What are the benefits and drawbacks of using GIS? (6+4)
- B. What is overlay in GIS? Discuss the different types of overlay analysis. (2+8)

**STATEMENT OF MARKS OF CLASS TESTS  
V SEMESTER HONOURS**

Date : 14.09.2022

| SL.NO. | ROLL NUMBER | NAME                | MARKS OBTAINED |
|--------|-------------|---------------------|----------------|
| 1      | 20/1719     | PARNASHREE PATRA    | 14             |
| 2      | 20/1716     | SAYANI DUTTA        | 15             |
| 3      | 20/1717     | SHAYONI ROY         | 13             |
| 4      | 20/1730     | ARPITA GHOSH        | 12             |
| 5      | 20/1735     | RIDDHI DAS          | 13             |
| 6      | 20/1733     | ARPITA GIRI         | 10             |
| 7      | 20/1724     | PHOOL SAHA          | 12             |
| 8      | 20/1723     | SHREEPARNA DAS      | 17             |
| 9      | 20/1727     | DEBJANI DEY         | 13             |
| 10     | 20/1739     | TUMPA DEY           | AB             |
| 11     | 20/1741     | DRISTI DAS          | 13             |
| 12     | 20/1728     | SAYONI BARUI        | 10             |
| 13     | 20/1738     | TRISHA MONDAL       | 8              |
| 14     | 20/1702     | BIPASHA SADHUKHAN   | 18             |
| 15     | 20/1726     | PIYALI ACHARYA      | 12             |
| 16     | 20/1734     | MAINAK CHOWDHURY    | 12             |
| 17     | 20/1737     | ARNAB RAO           | 8              |
| 18     | 20/1729     | AMAN GUPTA          | 12             |
| 19     | 20/1714     | DEBADITYA BANERJEE  | 10             |
| 20     | 20/1722     | ARINDAM BANERJEE    | AB             |
| 21     | 20/1713     | RITAM PAUL          | 12             |
| 22     | 20/1715     | SHUVO BHATTACHARJEE | 10             |
| 23     | 20/1720     | ANIRUDDHA BOSE      | 12             |
| 24     | 20/1709     | SARBAJIT SARKAR     | 13             |
| 25     | 20/1736     | UJJAL BERA          | 9              |
| 26     | 20/1711     | FARUK ABDULLAH      | 5              |
| 27     | 20/1740     | MD. AMIR HOQUE      | AB             |
| 28     | 20/1732     | RANIT MAKHAL        | 10             |
| 29     | 20/1704     | KAUSTAV BAIDYA      | 10             |
| 30     | 20/1718     | DHRUBA DAS          | 12             |
| 31     | 20/1708     | AKASH ROY           | 8              |
| 32     | 20/1710     | DEVRAJ MAKAL        | 12             |
| 33     | 20/1725     | SAYAN BERA          | 14             |
| 34     | 20/1742     | PRITAM PAUL         | 12             |
| 35     | 20/1705     | ASHIF-UL-HAQUE x    | AB             |
| 36     | 20/1721     | SAMIR NASKAR        | 10             |

Hilanjana Ray  
19/09/22

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

V SEMESTER HONOURS (DSE-A-01– Fluvial Geomorphology)

Dated: 26.11.2022

Time:01 hour 30 minutes

### Category - A

1. Answer *any five* questions (each within **50 words**) (2×5 = 10)
- A. What do you mean by large rivers?
  - B. What is landform?
  - C. Define alluvium?
  - D. What is badland?
  - E. What is meant by river degeneration?
  - F. Define fluvial system?

### Category - B

2. Answer *any two* questions (each withing **150 words**) (5×2 = 10)
- A. Classify river terrace.
  - B. Briefly explain lateral and vertical accretion.
  - C. Discuss the different methods of managing riverbank erosion. (5).

### Category - C

3. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Discuss the major characteristics of the large rivers with special reference to R. Ganges. Explain the morphology of alluvial fan. (7+3)
  - B. Write briefly about the different ways by which human intervention can affect fluvial system. Discuss the consequences of human intervention of fluvial system. (5+5)

STATEMENT OF MARKS OF CLASS TESTS  
V SEMESTER HONOURS

Date : 26.11.2022

| SL. NO. | ROLL NUMBER | NAME                | MARKS OBTAINED |
|---------|-------------|---------------------|----------------|
| 1       | 20/1719     | PARNASHREE PATRA    | AB             |
| 2       | 20/1716     | SAYANI DUTTA        | AB             |
| 3       | 20/1717     | SHAYONI ROY         | 13             |
| 4       | 20/1730     | ARPITA GHOSH        | 12             |
| 5       | 20/1735     | RIDDHI DAS          | 14             |
| 6       | 20/1733     | ARPITA GIRI         | 10             |
| 7       | 20/1724     | PHOOL SAHA          | AB             |
| 8       | 20/1723     | SHREEPARNA DAS      | 16             |
| 9       | 20/1727     | DEBJANI DEY         | AB             |
| 10      | 20/1739     | TUMPA DEY           | AB             |
| 11      | 20/1741     | DRISTI DAS          | AB             |
| 12      | 20/1728     | SAYONI BARUI        | AB             |
| 13      | 20/1738     | TRISHA MONDAL       | AB             |
| 14      | 20/1702     | BIPASHA SADHUKHAN   | AB             |
| 15      | 20/1726     | PIYALI ACHARYA      | 14             |
| 16      | 20/1734     | MAINAK CHOWDHURY    | 15             |
| 17      | 20/1737     | ARNAB RAO           | AB             |
| 18      | 20/1729     | AMAN GUPTA          | 12             |
| 19      | 20/1714     | DEBADITYA BANERJEE  | 12             |
| 20      | 20/1722     | ARINDAM BANERJEE    | AB             |
| 21      | 20/1713     | RITAM PAUL          | AB             |
| 22      | 20/1715     | SHUVO BHATTACHARJEE | AB             |
| 23      | 20/1720     | ANIRUDDHA BOSE      | AB             |
| 24      | 20/1709     | SARBAJIT SARKAR     | AB             |
| 25      | 20/1736     | UJJAL BERA          | AB             |
| 26      | 20/1711     | FARUK ABDULLAH      | AB             |
| 27      | 20/1740     | MD. AMIR HOQUE      | AB             |
| 28      | 20/1732     | RANIT MAKHAL        | AB             |
| 29      | 20/1704     | KAUSTAV BAIDYA      | 12             |
| 30      | 20/1718     | DHRUBA DAS          | AB             |
| 31      | 20/1708     | AKASH ROY           | 10             |
| 32      | 20/1710     | DEVRAJ MAKAL        | AB             |
| 33      | 20/1725     | SAYAN BERA          | 13             |
| 34      | 20/1742     | PRITAM PAUL         | AB             |
| 35      | 20/1705     | ASHIF-UL-HAQUE      | AB             |
| 36      | 20/1721     | SAMIR NASKAR        | AB             |

Hilanjam Ray  
30/11/22

## CLASS TEST

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

V SEMESTER HONOURS (DSE-B-05– Settlement Geography)

Dated: 13.12.2022

01 hour 30 minutes

### Category - A

1. Answer *any five* questions (each within **50 words**) (2×5 = 10)

- A. Define settlement.
- B. What do you mean by urban agglomeration?
- C. What is coefficient of dispersal method?
- D. Define census town?
- E. What is dry point settlement?
- F. Explain social segregation?

### Category - B

2. Answer *any two* questions (each withing **150 words**) (5×2 = 10)

- A. Briefly explain the role of physical factors in controlling the growth of rural settlement.
- B. Differentiate between site and situation.
- C. Discuss the major characteristics of urban settlement.

### Category - C

3. Answer *any one* question (within **500 words**) (10×1 = 10)

- A. Discuss the different types of rural settlement with examples from India.
- B. Critically explain the concept of concentric zone theory.



STATEMENT OF MARKS OF CLASS TESTS DATED 13/12/2022  
V SEMESTER HONOURS

| SL.NO. | ROLL NUMBER | NAME                | MARKS OBTAINED |
|--------|-------------|---------------------|----------------|
| 1      | 20/1719     | PARNASHREE PATRA    | 12             |
| 2      | 20/1716     | SAYANI DUTTA        | 14             |
| 3      | 20/1717     | SHAYONI ROY         | 13             |
| 4      | 20/1730     | ARPITA GHOSH        | 13             |
| 5      | 20/1735     | RIDDI DAS           | 15             |
| 6      | 20/1733     | ARPITA GIRI         | 10             |
| 7      | 20/1724     | PHOOL SAHA          | 12             |
| 8      | 20/1723     | SHREEPARNA DAS      | 18             |
| 9      | 20/1727     | DEBJANI DEY         | 14             |
| 10     | 20/1739     | TUMPA DEY           | AB             |
| 11     | 20/1741     | DRISTI DAS          | 14             |
| 12     | 20/1728     | SAYONI BARUI        | 12             |
| 13     | 20/1738     | TRISHA MONDAL       | 10             |
| 14     | 20/1702     | BIPASHA SADHUKHAN   | 20             |
| 15     | 20/1726     | PIYALI ACHARYA      | 12             |
| 16     | 20/1734     | MAINAK CHOWDHURY    | 12             |
| 17     | 20/1737     | ARNAB RAO           | 10             |
| 18     | 20/1729     | AMAN GUPTA          | 13             |
| 19     | 20/1714     | DEBADITYA BANERJEE  | 12             |
| 20     | 20/1722     | ARINDAM BANERJEE    | AB             |
| 21     | 20/1713     | RITAM PAUL          | 14             |
| 22     | 20/1715     | SHUVO BHATTACHARJEE | AB             |
| 23     | 20/1720     | ANIRUDDHA BOSE      | 14             |
| 24     | 20/1709     | SARBAJIT SARKAR     | AB             |
| 25     | 20/1736     | UJJAL BERA          | AB             |
| 26     | 20/1711     | FARUK ABDULLAH      | AB             |
| 27     | 20/1740     | MD. AMIR HOQUE      | AB             |
| 28     | 20/1732     | RANIT MAKHAL        | 10             |
| 29     | 20/1704     | KAUSTAV BAIDYA      | 12             |
| 30     | 20/1718     | DHRUBA DAS          | 12             |
| 31     | 20/1708     | AKASH ROY           | 12             |
| 32     | 20/1710     | DEVRAJ MAKAL        | 13             |
| 33     | 20/1725     | SAYAN BERA          | 15             |
| 34     | 20/1742     | PRITAM PAUL         | AB             |
| 35     | 20/1705     | ASHIF-UL-HAQUE p    | -              |
| 36     | 20/1721     | SAMIR NASKAR        | 10             |

Jadab Lal Saha  
15.12.22

II SEMESTER HONOURS (CC-3 – HUMAN GEOGRAPHY)

Time – 45 minutes

Dated: 10.04.2023

**Category - B**

1. Answer *any one* question (Withing **150 words**) (5×1 = 5)
- A. Differentiate USA type region from Brazilian type as per Ackerman.
- B. Discuss the key sources of environmental disputes caused by human activity.

**Category - C**

2. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Describe the global population rise quantitatively. What is the present situation of global population distribution? (6+4)
- B. Discuss the different stages of demographic transition theory with criticism. What do you mean by demographic dividend? (8+2)

**STATEMENT OF MARKS OF CLASS TEST  
II SEMESTER HONOURS**

Date : 10.04.23

| SL. NO | STUDENT ID | NAME                       | MARKS OBTAINED |
|--------|------------|----------------------------|----------------|
| 1      | 22/0002    | KOUSHIK ROY                | 8              |
| 2      | 22/0003    | SUBHAJIT MANDAL            | 10             |
| 3      | 22/0004    | TRISHA GHARAI              | AB             |
| 4      | 22/0005    | PAPAN JANA                 | 7              |
| 5      | 22/0007    | SATYAJIT MAJHI             | 14             |
| 6      | 22/0008    | SOURAV BANDURI             | 12             |
| 7      | 22/0009    | PATHIKRIT GANGOPADHYAY     | 13             |
| 8      | 22/0010    | SK ABDUL FAYYID            | 9              |
| 9      | 22/0011    | MOUMITA MONDAL             | 10             |
| 10     | 22/0012    | CHONDAN GOSWAMI            | AB             |
| 11     | 22/0013    | SUBHADWIP GHOSH            | AB             |
| 12     | 22/0014    | BARSHA BISWAS              | AB             |
| 13     | 22/0015    | SWAPNANIL SAHA             | 12             |
| 14     | 22/0016    | RIDHIMAN SAHA              | 12             |
| 15     | 22/0017    | PRIYANGSU SARKAR           | 14             |
| 16     | 22/0018    | SUDIPTA DAS ROY            | AB             |
| 17     | 22/0019    | SADHANA BARAI              | 12             |
| 18     | 22/0020    | SOHINI PAUL                | AB             |
| 19     | 22/0022    | ADITI CHANDA               | 14             |
| 20     | 22/0023    | MOHINI HALDER              | AB             |
| 21     | 22/0024    | ANKITA GHOSH               | AB             |
| 22     | 22/0025    | DEVLENA ROY                | 12             |
| 23     | 22/0026    | ASMITA SAHA                | 10             |
| 24     | 22/0027    | SAYAN CHOWDHURY            | AB             |
| 25     | 22/0028    | SHIPAK MAHATO              | 11             |
| 26     | 22/0029    | SOURISH CHATTOPADHYAY      | 12             |
| 27     | 22/0030    | ARITRA DUTTA               | 10             |
| 28     | 22/0031    | ARGHADEEP SARKAR           | AB             |
| 29     | 22/0032    | ASMITA MUKHERJEE           | AB             |
| 30     | 22/0033    | NABANITA SAHA              | 12             |
| 31     | 22/0034    | CHANDRADRITA GUHA MAJUMDER | 10             |
| 32     | 22/0035    | ANJALI PAUL                | AB             |
| 33     | 22/0036    | DISHA DAS                  | AB             |
| 34     | 22/0037    | SUBHAM Das                 | AB             |
| 35     | 22/0038    | PRIYAS PAUL                | 12             |
| 36     | 22/0039    | PRIYANGSHU SUR             | 10             |
| 37     | 22/0040    | SOURODEEP ROY              | 10             |
| 38     | 22/0041    | PURBA SENAPATI             | AB             |
| 39     | 22/0042    | SWARNAJIT SAHA             | 12             |

Jadab Lal Santra  
14.04.23.

VIDYASAGAR METROPOLITAN COLLEGE  
II SEMESTER HONOURS (CC-3 – HUMAN GEOGRAPHY)

Time – 01 hour

Dated: 02.05.2023

**Answer any five questions**

**2x5=10**

1. What do you mean by ethnicity?
2. What are the characteristics of pastoral nomadism?
3. Define over population.
4. What is population exploitation?
5. What is metropolis?
6. Define conurbation.
7. Why dispersed settlements are found in the western coastal plains in India?

**Answer any one question**

**10x1=10**

8. Give an account of the population-resource regions after Ackerman.
9. Explain the significance of age-sex structure in the demographic pattern of a country.

**STATEMENT OF MARKS OF CLASS TEST  
II SEMESTER HONOURS**

Date: 02.05.23

| SL. NO | STUDENT ID | NAME                       | MARKS OBTAINED |
|--------|------------|----------------------------|----------------|
| 1      | 22/0002    | KOUSHIK ROY                | 10             |
| 2      | 22/0003    | SUBHAJIT MANDAL            | 12             |
| 3      | 22/0004    | TRISHA GHARAI              | 8              |
| 4      | 22/0005    | PAPAN JANA                 | 10             |
| 5      | 22/0007    | SATYAJIT MAJHI             | 15             |
| 6      | 22/0008    | SOURAV BANDURI             | 10             |
| 7      | 22/0009    | PATHIKRIT GANGOPADHYAY     | 13             |
| 8      | 22/0010    | SK ABDUL FAYYID            | AB             |
| 9      | 22/0011    | MOUMITA MONDAL             | 12             |
| 10     | 22/0012    | CHONDAN GOSWAMI            | AB             |
| 11     | 22/0013    | SUBHADWIP GHOSH            | 10             |
| 12     | 22/0014    | BARSHA BISWAS              | AB             |
| 13     | 22/0015    | SWAPNANIL SAHA             | 12             |
| 14     | 22/0016    | RIDHIMAN SAHA              | 12             |
| 15     | 22/0017    | PRIYANGSU SARKAR           | 12             |
| 16     | 22/0018    | SUDIPTA DAS ROY            | 13             |
| 17     | 22/0019    | SADHANA BARAI              | 12             |
| 18     | 22/0020    | SOHINI PAUL                | 12             |
| 19     | 22/0022    | ADITI CHANDA               | AB             |
| 20     | 22/0023    | MOHINI HALDER              | 10             |
| 21     | 22/0024    | ANKITA GHOSH               | 10             |
| 22     | 22/0025    | DEVLENA ROY                | 12             |
| 23     | 22/0026    | ASMITA SAHA                | 10             |
| 24     | 22/0027    | SAYAN CHOWDHURY            | AB             |
| 25     | 22/0028    | SHIPAK MAHATO              | AB             |
| 26     | 22/0029    | SOURISH CHATTOPADHYAY      | 12             |
| 27     | 22/0030    | ARITRA DUTTA               | 12             |
| 28     | 22/0031    | ARGHADEEP SARKAR           | AB             |
| 29     | 22/0032    | ASMITA MUKHERJEE           | 12             |
| 30     | 22/0033    | NABANITA SAHA              | AB             |
| 31     | 22/0034    | CHANDRADRITA GUHA MAJUMDER | 12             |
| 32     | 22/0035    | ANJALI PAUL                | 13             |
| 33     | 22/0036    | DISHA DAS                  | 10             |
| 34     | 22/0037    | SUBHAM Das                 | AB             |
| 35     | 22/0038    | PRIYAS PAUL                | 12             |
| 36     | 22/0039    | PRIYANGSHU SUR             | 13             |
| 37     | 22/0040    | SOURODEEP ROY              | 8              |
| 38     | 22/0041    | PURBA SENAPATI             | 10             |
| 39     | 22/0042    | SWARNAJIT SAHA             | 13             |

Tadab Lal Santra  
06.05.23

**CLASS TEST**

VIDYASAGAR METROPOLITAN COLLEGE

DEPARTMENT OF GEOGRAPHY

IV SEMESTER HONOURS (CC-10 – SOIL AND BIO-GEOGRAPHY)

Time – 45 minutes

Dated: 25.02.23

**Category - B**

1. Answer *any one* question (Withing **150 words**) (5×1 = 5)
- A. Elaborate on the function of organic matter in defining soil characteristics.
- B. Discuss the role of soil texture and soil structure in crop production.

**Category - C**

2. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Explain the factors that influence soil formation.
- B. Classify soil properties and analyse their importance in determining soil characteristics.

STATEMENT OF MARKS OF CLASS TEST DATED 25/02/2023  
IV SEMESTER HONOURS

| SL. NO. | STUDENT | NAME                 | MARKS OBTAINED |
|---------|---------|----------------------|----------------|
| 1       | 21/0003 | ANIRUDHYA GHOSH      |                |
| 2       | 21/0004 | CHANDRAYE MUKHERJEE  | 8              |
| 3       | 21/0006 | JAYDEEP MANDAL       | AB.            |
| 4       | 21/0009 | ROHAN BISWAS         | AB.            |
| 5       | 21/0010 | PRIYANKA SEAL        | AB             |
| 6       | 21/0011 | PRITAM DHANG         | 7              |
| 7       | 21/0012 | SAMPRIIT MANDAL      | 8              |
| 8       | 21/0015 | SANGEETA PAUL        | AB             |
| 9       | 21/0016 | DEVJYOTI GAIN        | 9              |
| 10      | 21/0017 | SAPTARSHI ROY        | 6              |
| 11      | 21/0018 | SANTANU PAUL         | 4              |
| 12      | 21/0019 | SUKRIT SHARMA        | AB             |
| 13      | 21/0020 | PALLAB CHAKRABORTY   | 3              |
| 14      | 21/0022 | PAULOMI HALDER       | 7              |
| 15      | 21/0023 | SUBHAJIT DUTTA       | 6              |
| 16      | 21/0024 | GOURAB CHATTERJEE    | 10             |
| 17      | 21/0027 | PRAVAT DAS           | 8              |
| 18      | 21/0028 | SHIB SANKAR SAHA     | 4              |
| 19      | 21/0029 | SRIJEEET CHAKRABORTY | 5              |
| 20      | 21/0030 | NIKHIL SINGH         | AB             |
| 21      | 21/0031 | JHANTU SHAW          | 8              |
| 22      | 21/0032 | PAROMITA ROY         | 6              |
| 23      | 21/0033 | MANISHA PAUL         | 8              |
| 24      | 21/0034 | AMIYA BARMAN         | 4              |
| 25      | 21/0035 | AFRIN HOSSAIN        | AB             |
| 26      | 21/0036 | DEBANJAN DAS-1       | 5              |
| 27      | 21/0037 | SRIJA GHOSH          | AB             |
| 28      | 21/0038 | DEBANJAN DAS-2       | 4              |
| 29      | 21/0039 | DISHARI GHOSH        | 6              |
| 30      | 21/0042 | MONIDIPA CHOWDHURY   | 3              |
| 31      | 21/0043 | AKASH CHAKRABORTY    | 2              |
| 32      | 21/0044 | SMITI SAHA           | AB             |
| 33      | 21/0045 | BARNALI BASAK        | AB             |
| 34      | 21/0046 | BIPASHA JANA         | AB             |

*Thank Dey*  
01.03.2023

VIDYASAGAR METROPOLITAN COLLEGE

IV SEMESTER HONOURS (CC-10 – SOIL AND BIO-GEOGRAPHY)

Time – 45 minutes

Dated: 24.04.23

**Category - B**

1. Answer *any one* question (Withing **150 words**) (5×1 = 5)
- A. Elaborate on the function of organic matter in defining soil characteristics.
- B. Discuss the role of soil texture and soil structure in crop production.

**Category - C**

2. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Explain the factors that influence soil formation.
- B. Classify soil properties and analyse their importance in determining soil characteristics.



**STATEMENT OF MARKS OF CLASS TEST DATED 24/04/2023**  
**IV SEMESTER HONOURS**

| SL. NO. | STUDENT | NAME                | MARKS OBTAINED |
|---------|---------|---------------------|----------------|
| 1       | 21/0003 | ANIRUDHYA GHOSH     |                |
| 2       | 21/0004 | CHANDRAYE MUKHERJEE | 10             |
| 3       | 21/0006 | JAYDEEP MANDAL      | 7              |
| 4       | 21/0009 | ROHAN BISWAS        | 6              |
| 5       | 21/0010 | PRIYANKA SEAL       | 6              |
| 6       | 21/0011 | PRITAM DHANG        | 7              |
| 7       | 21/0012 | SAMPRIIT MANDAL     | 8              |
| 8       | 21/0015 | SANGEETA PAUL       | 10             |
| 9       | 21/0016 | DEVJYOTI GAIN       | 8              |
| 10      | 21/0017 | SAPTARSHI ROY       | 7              |
| 11      | 21/0018 | SANTANU PAUL        | 4              |
| 12      | 21/0019 | SUKRIT SHARMA       | Ab             |
| 13      | 21/0020 | PALLAB CHAKRABORTY  | 3              |
| 14      | 21/0022 | PAULOMI HALDER      | 7              |
| 15      | 21/0023 | SUBHAJIT DUTTA      | Ab             |
| 16      | 21/0024 | GOURAB CHATTERJEE   | 8              |
| 17      | 21/0027 | PRAVAT DAS          | 6              |
| 18      | 21/0028 | SHIB SANKAR SAHA    | Ab             |
| 19      | 21/0029 | SRJEET CHAKRABORTY  | 6              |
| 20      | 21/0030 | NIKHIL SINGH        | Ab             |
| 21      | 21/0031 | JHANTU SHAW         | 8              |
| 22      | 21/0032 | PAROMITA ROY        | Ab             |
| 23      | 21/0033 | MANISHA PAUL        | 8              |
| 24      | 21/0034 | AMIYA BARMAN        | Ab             |
| 25      | 21/0035 | AFRIN HOSSAIN       | 7              |
| 26      | 21/0036 | DEBANJAN DAS-1      | 5              |
| 27      | 21/0037 | SRIJA GHOSH         | Ab             |
| 28      | 21/0038 | DEBANJAN DAS-2      | Ab             |
| 29      | 21/0039 | DISHARI GHOSH       | 6              |
| 30      | 21/0042 | MONIDIPA CHOWDHURY  | Ab             |
| 31      | 21/0043 | AKASH CHAKRABORTY   | Ab             |
| 32      | 21/0044 | SMITI SAHA          | 6              |
| 33      | 21/0045 | BARNALI BASAK       | 5              |
| 34      | 21/0046 | BIPASHA JANA        | Ab             |

*Pranab Dey*

27.04.2023

VIDYASAGAR METROPOLITAN COLLEGE  
VI SEMESTER HONOURS (CC-14 – HAZARD MANAGEMENT)

Time – 45 minutes

Dated: 13.04.2023

**Category - B**

1. Answer *any one* question (Withing **150 words**) (5×1 = 5)
- A. Distinguish between landslide and land subsidence.
- B. Describe the different management strategies of biohazards.

**Category - C**

2. Answer *any one* question (within **500 words**) (10×1 = 10)
- A. Explain the mechanism of river bank erosion and its effect on livelihood. (5+5)
- B. Classify fire hazard. Discuss the primary elements that contribute to fire hazards. (3+7)

STATEMENT OF MARKS OF CLASS TESTS DATED 13/04/2023  
VI SEMESTER HONOURS

| Sl. NO. | ROLL NUMBER | NAME                | MARKS OBTAINED |
|---------|-------------|---------------------|----------------|
| 1       | 20/1719     | PARNASHREE PATRA    | 7              |
| 2       | 20/1716     | SAYANI DUTTA        | 8              |
| 3       | 20/1717     | SHAYONI ROY         | 6              |
| 4       | 20/1730     | ARPITA GHOSH        | 6              |
| 5       | 20/1735     | RIDDHI DAS          | 7              |
| 6       | 20/1733     | ARPITA GIRI         | Ab             |
| 7       | 20/1724     | PHOOL SAHA          | 6              |
| 8       | 20/1723     | SHREEPARNA DAS      | 9              |
| 9       | 20/1727     | DEBJANI DEY         | 7              |
| 10      | 20/1739     | TUMPA DEY           | Ab             |
| 11      | 20/1741     | DRISTI DAS          | 7              |
| 12      | 20/1728     | SAYONI BARUI        | Ab             |
| 13      | 20/1738     | TRISHA MONDAL       | 4              |
| 14      | 20/1702     | BIPASHA SADHUKHAN   | 9              |
| 15      | 20/1726     | PIYALI ACHARYA      | 8              |
| 16      | 20/1734     | MAINAK CHOWDHURY    | 7              |
| 17      | 20/1737     | ARNAB RAO           | 4              |
| 18      | 20/1729     | AMAN GUPTA          | 7              |
| 19      | 20/1714     | DEBADITYA BANERJEE  | 6              |
| 20      | 20/1722     | ARINDAM BANERJEE    | Ab             |
| 21      | 20/1713     | RITAM PAUL          | 6              |
| 22      | 20/1715     | SHUVO BHATTACHARJEE | 5              |
| 23      | 20/1720     | ANIRUDDHA BOSE      | 6              |
| 24      | 20/1709     | SARBAJIT SARKAR     | Ab             |
| 25      | 20/1736     | UJJAL BERA          | 4              |
| 26      | 20/1711     | FARUK ABDULLAH      | 3              |
| 27      | 20/1740     | MD. AMIR HOQUE      | 3              |
| 28      | 20/1732     | RANIT MAKHAL        | Ab             |
| 29      | 20/1704     | KAUSTAV BAIDYA      | 6              |
| 30      | 20/1718     | DHRUBA DAS          | 5              |
| 31      | 20/1708     | AKASH ROY           | 4              |
| 32      | 20/1710     | DEVRAJ MAKAL        | Ab             |
| 33      | 20/1725     | SAYAN BERA          | Ab             |
| 34      | 20/1742     | PRITAM PAUL         | 7              |
| 35      | 20/1705     | ASHIF-UL-HAQUE      | Ab             |
| 36      | 20/1721     | SAMIR NASKAR        | Ab             |

Thandi Dey  
21.04.2023

VIDYASAGAR METROPOLITAN COLLEGE

VI SEMESTER HONOURS (CC-13 – EVOLUTION OF GEOGRAPHICAL THOUGHT

Time – 01 HOUR

Dated: 25.04.2023

**Answer any five questions**

**2x5=10**

1. Write a brief note on Ptolemy's map making.
2. Explain the concept of pay as visualized by Vidal de la Blache.
3. What changes did quantitative revolution bring in Geography?
4. Mention one Arab geographer of Middle Ages and state his contribution to Geography.
5. Explain the significance of models in Geography with examples.
6. Why was discovery and exploration so essential for the Portuguese rulers?
7. Mention the dates of circumnavigation by Magellan.

**Answer any one question**

**10x1=10**

8. State the contribution of Friedrich Ratzel to Geography.
9. How did the Indian thinkers contribute to the development of Pre-modern Geography?

STATEMENT OF MARKS OF CLASS TESTS DATED 25/04/2023  
VI SEMESTER HONOURS

| SL.NO. | ROLL NUMBER | NAME                | MARKS OBTAINED |
|--------|-------------|---------------------|----------------|
| 1      | 20/1719     | PARNASHREE PATRA    | 9              |
| 2      | 20/1716     | SAYANI DUTTA        | 12             |
| 3      | 20/1717     | SHAYONI ROY         | 10             |
| 4      | 20/1730     | ARPITA GHOSH        | 10             |
| 5      | 20/1735     | RIDDHI DAS          | 12             |
| 6      | 20/1733     | ARPITA GIRI         | 10             |
| 7      | 20/1724     | PHOOL SAHA          | 10             |
| 8      | 20/1723     | SHREEPARNA DAS      | 14             |
| 9      | 20/1727     | DEBJANI DEY         | 12             |
| 10     | 20/1739     | TUMPA DEY           | Ab             |
| 11     | 20/1741     | DRISTI DAS          | Ab             |
| 12     | 20/1728     | SAYONI BARUI        | 8              |
| 13     | 20/1738     | TRISHA MONDAL       | Ab             |
| 14     | 20/1702     | BIPASHA SADHUKHAN   | 14             |
| 15     | 20/1726     | PIYALI ACHARYA      | 12             |
| 16     | 20/1734     | MAINAK CHOWDHURY    | 12             |
| 17     | 20/1737     | ARNAB RAO           | Ab             |
| 18     | 20/1729     | AMAN GUPTA          | 10             |
| 19     | 20/1714     | DEBADITYA BANERJEE  | 10             |
| 20     | 20/1722     | ARINDAM BANERJEE    | Ab             |
| 21     | 20/1713     | RITAM PAUL          | 12             |
| 22     | 20/1715     | SHUVO BHATTACHARJEE | Ab             |
| 23     | 20/1720     | ANIRUDDHA BOSE      | Ab             |
| 24     | 20/1709     | SARBAJIT SARKAR     | Ab             |
| 25     | 20/1736     | UJJAL BERA          | 7              |
| 26     | 20/1711     | FARUK ABDULLAH      | Ab             |
| 27     | 20/1740     | MD. AMIR HOQUE      | Ab             |
| 28     | 20/1732     | RANIT MAKHAL        | Ab             |
| 29     | 20/1704     | KAUSTAV BAIDYA      | 9              |
| 30     | 20/1718     | DHRUBA DAS          | 8              |
| 31     | 20/1708     | AKASH ROY           | Ab             |
| 32     | 20/1710     | DEVRAJ MAKAL        | 8              |
| 33     | 20/1725     | SAYAN BERA          | 9              |
| 34     | 20/1742     | PRITAM PAUL         | Ab             |
| 35     | 20/1705     | ASHIF-UL-HAQUE      | Ab             |
| 36     | 20/1721     | SAMIR NASKAR        | Ab             |

*Siprasasita Nascion*

28/4/23

| Surname  | First Name | Email Address                  | EXACT EQUATION | ODE(Assignment II) | ODE (Assignment III) |
|----------|------------|--------------------------------|----------------|--------------------|----------------------|
| Date     |            |                                | 26-Aug-22      | 06-Sep-22          | 13-Sep-22            |
| Points   |            |                                | 10             | 20                 | 20                   |
| Dey      | Amita      | agsd8888@gmail.com             | 8              |                    |                      |
| Giri     | Anupam     | anupamgiri75463@gmail.com      | 10             | 19                 | 18                   |
| Ali      | Ashika     | ashikaali0702@gmail.com        | 10             | 19                 | 20                   |
| Hoque    | Emrul      | emrulhoque2002@gmail.com       | 10             |                    |                      |
| Sengupta | Prosenjit  | prosenjitsengupta729@gmail.com | 10             |                    | 18                   |
| Bose     | Rahul      | boserahu566@gmail.com          | 10             | 18                 |                      |
| Keshri   | Rahul      | rahulkeshri1163@gmail.com      |                | 19                 | 17                   |
| Maity    | Rakesh     | maityrakesh659@gmail.com       | 10             | 20                 | 20                   |
| Dey      | Sayani     | sayani26710@gmail.com          | 8              |                    |                      |
| Saha     | Tanmay     | tanmaysaha639@gmail.com        | 8              | 17                 | 18                   |

| Surname  | First Name | Email Address                | EXACT EQUATION (Assignment -I) _MI |
|----------|------------|------------------------------|------------------------------------|
| Date     |            |                              | 26-Aug-22                          |
| Points   |            |                              | 10                                 |
| Dey      | Amita      | agsd8888@gmail.com           | 8                                  |
| Giri     | Anupam     | anupamgiri75463@gmail.com    | 10                                 |
| Ali      | Ashika     | ashikaali0702@gmail.com      | 10                                 |
| Hoque    | Emrul      | emrulhoque2002@gmail.com     | 10                                 |
| Sengupta | Prosenjit  | prosenjitsengupta729@gmail.c | 10                                 |
| Bose     | Rahul      | boserahul566@gmail.com       | 10                                 |
| Keshri   | Rahul      | rahulkeshri1163@gmail.com    |                                    |
| Maity    | Rakesh     | maityrakesh659@gmail.com     | 10                                 |
| Dey      | Sayani     | sayani26710@gmail.com        | 8                                  |
| Saha     | Tanmay     | tanmaysaha639@gmail.com      | 8                                  |



## UNIVERSITY OF CALCUTTA

### Modalities in detail for Semester-wise Examination/Evaluation/Assessment

#### (under CBCS)

The three year B.A./B.Sc. (Honours/General/Major) course of studies under CBCS shall consist of six (6) semesters. The end semester examinations are to be held ordinarily at the end of concerned semester, i.e. Semesters 1, 3 & 5 (odd semesters) in the month of December-January and Semesters 2, 4 & 6 (even semesters) in the month of June-July.

**1. INTERNAL ASSESSMENT:** The internal assessment shall be 20% of the full marks of each course. It comprises of **Attendance** of a candidate and **Internal Examination** in each course.

(In case of a 100 marks full paper in any subject/course, the Internal Assessment shall be based on Class attendance of 10 marks and Internal Examination of 10 marks).

#### *1.1 Attendance:*

- a. Course-wise Paper-wise attendance of each subject shall have to be recorded by respective Departments of colleges.
- b. The attendance will be calculated from the date of commencement of classes or date of admission, whichever is later, till the time of enrolment for Examination of a particular Semester.
- c. The marks for attendance of a student in each course/paper are to be awarded as follows:

| <b>% of attendance</b> | <b>Marks to be awarded</b> |
|------------------------|----------------------------|
| less than 60%          | 0                          |
| 60% to less than 75%   | 6                          |
| 75% to less than 90%   | 8                          |
| 90% and above          | 10                         |

- d. To determine the eligibility of a candidate for appearing in a particular Semester Examination, the calculation of percentage of attendance is to be done considering all courses/papers of all the subjects together.



**1.2 Internal Examinations:**

- a. Internal examination will be held in the 3<sup>rd</sup> week of November/May for Odd/Even Semesters.
- b. Internal Examination will be conducted by the respective Departments of the college.
- c. The mode of examination may be MCQ/Objective type Question or as per recommendations of respective UGBOS. **Annexure A** is to be followed for recommendation (s) of the UGBOS of respective subjects.
- d. Marks of Attendance and Internal Examination are to be submitted by the colleges within 30<sup>th</sup> November /31<sup>st</sup> May for Odd and Even Semesters.
- e. Record of marks for Attendance/Internal Examination (Internal Assessment) should be preserved for five years by colleges.

**1.3 The following Table shows the role of College and University in connection with the Internal Assessment viz. Attendance and Internal Examination:**

| Role of the University (Department of the Controller of Examinations)   | Role of the College   |
|---|---|
| Intimation to all Affiliated Colleges regarding completion of Internal Assessment by 3 <sup>rd</sup> week of November/May for Odd/Even Semester.                                      | Submission of Attendance record/Internal Examination marks through hard copy from respective HOD to the Principal/TIC/OIC of the colleges by the 3 <sup>rd</sup> week of Nov/ May, as the case maybe. The HOD must verify/ scrutinize each mark before submitting the same to the respective college authority. |
| Marks of Internal Assessment (viz. class attendance & Internal Examination together) to be captured/received from the college(s) concerned through on-line process by the University. | The Principal/TIC/OIC of respective colleges will upload the marks after approval in the University Portal. The hard copy of the same should be duly signed by respective examiners, HODs, and Principal/TIC/OIC and to be submitted to the Result (Major) & Computer Cell -I section.                          |
| Information to be communicated regarding any discrepancy in marks of Internal Assessment submitted by the college through on –line process of marks submission.                       | All documents related to Internal assessment viz. Attendance record and Internal Examination records are to be preserved by the colleges for five years.  |

**1.4 The following Table shows the manner by which Internal Assessment will be carried out by different colleges concerned:**

| Internal Assessment  | Mode of Assessment/Examination  | Mode of marks submission | Time of marks submission   | Date of submission of hard copy to the University  |
|----------------------|---|--------------------------|--|--|
| Attendance           | Maintenance of attendance register per course/ paper/subject by the Department. | Online                   | Latest by 30 <sup>th</sup> November (odd semesters) /31 <sup>st</sup> May (even semesters) | Within seven (7) working days from the date of submission of Internal assessment marks online. |
| Internal Examination | As per recommendations of respective UGBOS                                      | Online                   |  |  |

**1.5. Mode of awarding marks of Internal Assessment (Summation of Marks of Internal Examination & Course /Paper wise Class Attendance):**

a) For Laboratory based Course (s), Marks of Internal Assessment to be awarded to Theoretical and Practical component of that particular course in the ratio 2:1, as corresponding Credits for Theoretical and Practical Component are 4 & 2 respectively (will be done by the Department of Controller of Examinations, University of Calcutta).

Example: (1) If a student obtains 18 marks in Internal Assessment, 12 marks will be added to the Theoretical component of that particular course and 6 marks will be added to the Practical component.

Example: (2) If a student obtains 17 marks in Internal Assessment, 11 marks (11.33 rounded off to 11) will be added to the Theoretical component of that particular course, and 6 marks (5.6 rounded off to 6) will be added to the Practical component.

b) For Non Laboratory based Course (s) , Marks of Internal Assessment to be awarded to Theoretical and Tutorial component of that particular course in the ratio 5: 1, as corresponding Credits for Theoretical and Tutorial Component are 5 & 1 respectively (will be done by the Department of Controller of Examinations, University of Calcutta).

Example: (1) If a student obtains 18 marks in Internal Assessment, 15 marks will be added to the Theoretical component of that particular course and 3 marks will be added to the Tutorial component.

Example: (2) If a student obtains 17 marks in Internal Assessment, 14 marks (14.16 rounded off to 14) will be added to the Theoretical component of the particular course and 3 marks (2.8 rounded off to 3) will be added to the Tutorial component.

## ANNEXURE-A

Annexure 'A' below shows the manner by which Internal Examinations (Home Centre) will be held in different subjects/courses.

| Sl No. | Subject (s)      | Course Type (Hons./Major/General)                      | Question Pattern and marks distribution (Full Marks-10)   | Duration of Examination                                 |
|--------|------------------|--|---|---|
| 01     | Anthropology     | Honours & General :<br>All courses                     | MCQ –10 questions of 1 mark each with four options in each question. No OMR Sheet will be used.   | 30 minutes  |
| 02     | Arabic & Persian | Honours & General:<br>All courses                      | Short type 20 questions each carrying 1/2mark.  | 30 minutes  |
| 03     | Botany           | Honours & General:<br>All courses                      | Short answer type, 25 marks for each paper; Marks obtained to be converted proportionately to the marks allotted for Internal Examination (i.e.10 marks for each paper).  | 1 hour  |
| 04     | Bengali          | Honours & General :<br>All courses<br><br>AECC1        | Written: Descriptive type questions of 3, 4 marks; short questions of ½, 1, 2 marks; examinations in all modules of 10 marks each. The average score to be awarded.<br><br>MCQ: 5 questions each carrying 2 marks from each of the 4 modules. | 30 minutes for 10 marks examination<br><br>30 minutes   |
| 05     | Biochemistry     | Honours:<br>All courses<br><br>General:<br>All courses | MCQ/Objective type :<br>Examination of 50 marks to be converted to allotted marks (10marks)<br><br>For 10 marks -5 questions from seven, each of 2 marks.   | For 50 marks:<br>1 hour<br><br>For 10 marks: 30 minutes |

|    |                       |  |   |                              |
|----|-----------------------|--|---|------------------------------|
| 06 | Computer Science      | Honours & General:<br>All courses                                      | Examination of Marks – 30, to be converted to 10 marks. Answer Q. 1 (any 4 each carrying 1.5 marks out of 7 short questions), Q. 2 to Q. 9 (any 4 each carrying 6 marks).   | 1 hour                       |
| 07 | Chemistry             | Honours & General.:<br>All courses                                     | MCQ 10 questions, 1 mark each   | 30 minutes                   |
| 08 | English               | Honours/<br>General/Major: All courses:<br>CC, GE, AECC1, DSE, SEC,LCC | Written/ Viva Voce/Speech   | -                            |
| 09 | Economics             | Honours :<br>All courses<br><br>General: All courses                   | Both MCQ and Objective Questions. There will be two groups. In Group A of five questions candidate will attempt four MCQ questions of one (1) mark each. Group B will have to answer two out of three objective type questions of 3 marks each.<br><br>Only MCQ; 10 questions each of one (1) mark out of twelve questions. | 30 minutes<br><br>30 minutes |
| 10 | Education             | Honours & General :<br>All courses                                     | Objective (compulsory 5 questions of 2 marks each)  | 30 minutes                   |
| 11 | Environmental Science | Honours:<br>All courses<br><br>General :<br>All courses                | Objective type/Multiple choice questions. Each course of 50 marks. Marks obtained will be converted to 10 marks and marks to be awarded accordingly. No OMR Sheet will be used.<br><br>MCQ –10 questions of 1 mark each with four options in each question. No OMR Sheet will be used.                                      | 1 hour<br><br>30 minutes     |

|    |                                  |                                    |  |            |
|----|----------------------------------|------------------------------------|--|------------|
| 12 | Electronics                      | Honours & General:<br>All Courses  | Objective (10 out of 12 questions, each of 1 mark)<br><i>Or</i> short reasoning type questions (5 out of 7 questions, including numerical problems, each carrying 2 marks) | 30 minutes |
| 13 | Food and Nutrition               | Honours & General :<br>All courses | Objective type, 1 mark for each question   | 30 minutes |
| 14 | Geography                        | Honours & General:<br>All courses  | One 10 marks question out of two options; [there will be a short analytical type question of 3 marks and broad, descriptive of 7 marks]                                    | 30 minutes |
| 15 | Geology                          | Honours:<br>All courses            | MCQ –10 questions of 1 mark each with four options in each question. No OMR Sheet will be used.  | 30 minutes |
| 16 | Human Development                | Honours & General :<br>All courses | Objective Type questions of 2 marks each.  | 30 minutes |
| 17 | History                          | Honours & General :<br>All courses | Five objective type questions, each of 2 marks   | 30 minutes |
| 18 | Home Science Extension Education | General:<br>All courses            | Total Marks- 10<br>Objective/MCQ (one mark for each question)  | 30 minutes |
| 19 | Hindi                            | Honours & General :<br>All courses | MCQ of one mark each or Objective type question of one mark  | 30 minutes |
| 20 | Household Art                    | Honours : GE                       | On the basis of class work   | -          |
| 21 | Human Rights                     | Honours:<br>All courses            | MCQ –10 questions (one mark each) with four options in each question. No OMR Sheet will be used.   | -          |
|    |                                  | General :<br>All courses           | MCQ –10 questions (one mark each) with four options  | -          |

|    |                                 |  |   |                              |
|----|---------------------------------|--|---|------------------------------|
|    |                                 |  | in each question. No OMR Sheet will be used.  |                              |
| 22 | Journalism & Mass Communication | Honours & General:<br>All courses                    | Both objective and short answer type.   | 30 minutes                   |
| 23 | Mathematics                     | Honours:<br>All courses<br><br>General : All courses | MCQ (with four options in each question with one correct answer). Each question having one mark. 10 MCQ questions from each course. No extra questions.<br><br>MCQ (with four options in each question with one correct answer). 10 questions, each question having 1 mark. | 30 minutes<br><br>30 minutes |
| 24 | Molecular Biology               | General : All courses                                | At least one 5 marks question. The mode of distribution of marks should be similar to the final theory paper. Marks obtained in the <b>test</b> examination will be prorated to 10 marks.   | -                            |
| 25 | Microbiology                    | Honours & General :<br>All courses                   | Objective type – 20 marks. Students have to answer three questions of 10 marks chosen from 5 questions. Each 10 mark question will have subdivisions of not exceeding 3 marks. Each paper of 50 marks. Marks obtained will be converted to 10 marks.                        | 2 hours                      |
| 26 | Philosophy                      | Honours & General :<br>All courses                   | Objective type of 1 or 2 marks.   | 30 minutes                   |
| 27 | Political Science               | Honours & General :<br>All courses                   | 10 MCQ or Viva : 10 marks   | 30 minutes for MCQ           |

|     |                |   |   |  |
|-----|----------------|---|---|--|
| 28  | Psychology     | Honours & General :<br>All courses  | 2 questions from 5 options,<br>each of 5 marks.   | 30 minutes   |
| 29  | Physiology     | Honours & General :<br>All courses  | Full Marks – 10<br>Short objective type<br>questions of 1 or 2 marks,<br>each with options.   | 30 minutes   |
| 30. | Physics        | Honours & General :<br>All courses  | Total 50 marks<br>MCQ – 1x10 marks<br>Short answer-type -2x5 (5<br>out of 7 options)<br>Broad questions – 10x3 (3<br>out of 5 options)<br>Marks to be converted to 10<br>marks.   | 2 hours  |
| 31  | Sociology      | Honours & General :<br>All courses  | MCQ/short questions (1 or 2<br>marks each)<br>(Presentations/Viva-Voce ).   | 30 minutes   |
| 32  | Sanskrit       | Honours : CC1<br><br><br><br><br><br><br><br><br><br><br>CC2<br><br><br><br><br><br><br><br><br><br><br>General : CC1,GE1 | 4 marks out of 10 of IA are<br>to be answered in Sanskrit in<br><i>Devanagari</i> Script.<br><br>Syllabus for IA (10 marks)<br>Sec. A, Unit I,<br>Raghuvamsam. Canto I, vs.<br>1-10.<br><br>Marks – 10<br>Sec. D, Unit I & II (Puranas)<br><br>4 marks out of 10 of IA are<br>to be answered in Sanskrit in<br><i>Devanagari</i> Script.<br><br>Syllabus for IA (10 marks)<br>Sec. C, Unit I, Nitisatakam<br>(Marks 10) vs. 1-10. | 30 minutes<br><br><br><br><br><br><br><br><br><br><br>30 minutes |
| 33  | Statistics     | Honours & General :<br>All courses  | 10 marks - 10 objective type<br>questions of 1 mark each out<br>of 15 choices.  | 30 minutes   |
| 34  | Social Science | General :<br>All courses  | Objective type questions of<br>2 marks each. Each course  | 2 hours  |

|    |                 |                                    |   |            |
|----|-----------------|------------------------------------|---|------------|
|    |                 |                                    | of 50 marks. Marks obtained will be converted to 10 marks.  |            |
| 35 | Urdu            | Honours & General :<br>All courses | MCQ only (with four options per question). There will be ten questions of 1 mark each. No negative marking.   | 30 minutes |
| 36 | Women's Studies | General :<br>All courses           | Two questions out of four, each of 2 marks; one question out of two, each of 6 marks.   | 30 minutes |
| 37 | Zoology         | Honours & General :<br>All courses | Objective Type or Multiple Choice or Broad Questions; Each Course of 20 marks. Marks obtained will be converted to 10 marks.  | 1hour      |
| 38 | Fine Arts       | Honours:<br>All courses            | MCQ – 5 marks to be awarded on the basis of tutorials (for theory papers)<br><br>5 Marks -Regular assessments after each course paper for Practical Papers.   | -          |
| 39 | B. F. A. D.     | Honours :<br>All Courses           | The Internal examination will be of 10 marks for all the courses wherever applicable and the question paper may include short questions each of 5 marks or 2 marks or the question may be of objective type/MCQ pattern, where each question may carry 2 marks each depending on the type of subject and the course content of the subject.<br><br>However, in some cases the internal examination may be | -          |



|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | <p>based on assignment basis by the students according to the case and need of the subject concerned.</p> <p>In case of the assignment work the students may be asked to suggest two to three topics and from the submitted topics the Internal examiner may select any one topic and respective student may be asked to work on it.</p> <p>Moreover, for Internal examination on Practical based subjects, it may be on the basis of viva-voce taken by Internal examiner.</p> |  |
|--|--|--|---|--|

**N.B.**

- **For the subjects not mentioned above, MCQ/ Objective type of questions or as prescribed in syllabus or as per recommendation of UGBOS to be followed.**
- **Question paper is to be Prepared and Answer scripts to be evaluated by Internal/Subject Teachers under the supervision of Head of the Department.**
- **Different Courses may be clubbed; for each course separate answer script to be used.**

## 2. PRACTICAL AND TUTORIAL EXAMINATIONS:

Every Core Course (CC), Discipline Specific Elective (DSE) and Generic Elective (GE) Course shall have a Practical/Tutorial component. While the laboratory-based subjects will have a Practical component along with its Theoretical portion for every course, non-laboratory- based subjects will have a Tutorial component along with its Theoretical portion for every course.

### 2.1. Practical/Project Examination (Laboratory-based Subjects):

Table below shows how the Practical examinations, in general, will be conducted for different courses in each semester at the B.A./B.Sc. (Honours/General/Major) Examinations, under CBCS (semesterized Examinations):

| Stream                | Course Type | Semester   | Venue/<br>Examination<br>Centre | Examiners                |
|-----------------------|-------------|--|---------------------------------|--------------------------|
| Honours               | Core Course | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup><br>& 6 <sup>th</sup> Semesters | Away Centre                     | Internal and<br>External |
| Honours               | DSE         | 5 <sup>th</sup> & 6 <sup>th</sup><br>Semesters   | Away Centre                     | Internal and<br>External |
| Honours/Major         | Generic     | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup><br>Semesters                                     | Home Centre                     | Internal                 |
| General/Major         | Core Course | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup><br>Semesters                                     | Home Centre                     | Internal                 |
| General/Major         | DSE         | 5 <sup>th</sup> & 6 <sup>th</sup><br>Semesters   | Home Centre                     | Internal                 |
| Honours/Major/General | AECC2       | 2 <sup>nd</sup> Semester   | Home Centre                     | Internal                 |

**N.B. There are no Practical Examinations for Skill Enhancement Courses (SEC).**

- a. The Practical Examination will be held in the 4<sup>th</sup> week of November in case of Odd Semesters and 4<sup>th</sup> week of May in case of Even Semester Examinations.
- b. The modalities of Practical Examinations as recommended by respective UGBOS are **annexed** herewith for easy reference (see **Annexure B**).
- c. Marks of Practical Examinations are to be submitted by the College/ Head Examiner within 24<sup>th</sup> December for Odd Semesters and 30<sup>th</sup> June for Even Semesters. The submission of marks to be made through online mode.
- d. Head Examiners/ Coordinators of respective subjects/courses will supervise the Practical Examinations of Honours/General/Major.
- e. The actual duration of Practical Examination will be determined by the concerned UGBOS, duly approved by the appropriate authority.

## ANNEXURE – B

**Annexure ‘B’ below shows the manner by which Practical Examinations will be held in different Subjects/Courses**

| Sl No. | Subject (s)  | Course Type (Hons./Major/General)   | Question Pattern and marks distribution (Full Marks -30)  | Duration of Examination            |
|--------|--------------|---|---|------------------------------------|
| 01     | Anthropology | Honours & General:<br>All courses   | <u>Practical</u> :<br>Laboratory work : 24 marks,<br>Practical Note book : 3 marks,<br>Viva-Voce: 3 marks.<br><u>Project/ Fieldwork</u> :<br>Project report/Field report – 18 marks,<br>Viva voce : 8 marks,<br>Written part: 4 marks.  | –                                  |
| 02     | Biochemistry | Honours & General:<br>All courses   | Laboratory Note Book – 5 marks,<br>Viva-Voce – 5 marks,<br>Experiment – 2x10 = 20 marks.  | 5 hours.                           |
| 03     | Botany       | Honours: All courses<br><br>General : All courses   | Work Out/Identification/Demonstration – 16 marks,<br>Classroom performance – 8 marks,<br>Viva-Voce – 6 marks.<br><br>Work out/<br>Identification/<br>Demonstration – 20 marks,<br>Laboratory Record – 5 marks,<br>Viva-Voce – 5 marks.  | 3 or 4 hours.<br><br>3 or 4 hours. |
| 03     | Chemistry    | Honours : CC/DSE<br><br>DSE (Honours) :<br>Research only for 6 <sup>th</sup><br>Semester<br><br>General : All courses | 25 marks Examination + 5 marks<br>laboratory notebook. Experiments by<br>lottery.<br><br>F.M. – 100 marks<br>10 marks – Attendance,<br>30 marks - Dissertation (3000 words),<br>40 marks - Presentation (20 minutes),<br>20 marks – Viva-Voce (10 minutes).<br>Home center evaluation by External and<br>Internal Examiners.<br>25 marks examination + 5 marks<br>laboratory notebook. Experiments by<br>lottery. | 6 hours.<br><br>3 hours.           |

|    |                       |   |   |                        |
|----|-----------------------|---|---|------------------------|
| 04 | Computer Science      | Honours & General:<br>All courses                 | Any one question from <i>hardware</i> . The distribution of marks is as follows :<br>Experiment – 20 marks,<br>Laboratory Notebook – 5 marks,<br>Viva-Voce – 5 marks.<br>Any one question from <i>software</i> . The distribution of marks is as follows :<br>Experiment – 23 marks,<br>Laboratory Notebook – 2 marks,<br>Viva-Voce – 5 marks.<br><u>Project:</u><br>Presentation – 5 marks,<br>Work done – 15 marks,<br>Viva-Voce - 10 marks | –                      |
| 05 | Economics             | Honours:<br>DSE-A (1)<br><br>Honours:<br>DSE-A(2) | Full Marks-30, divided into three groups with three sets of questions. Students will answer from any one of the three sets. Each set will consist of three questions of 10 marks each.<br><br>Full Marks-30, divided into three parts-project report (same as Laboratory Note Book)-10 marks, Computer Laboratory-10 marks, Practical based Viva-Voce on project report-10 marks.   | 3 hours<br><br>3 hours |
| 06 | Education             | Honours : All courses                             | Laboratory Notebook – 5 marks,<br>Practical Examination – 20 marks,<br>Viva-Voce – 5 marks.   | 2 <sup>1/2</sup> hours |
| 07 | Environmental Science | Honours :<br>CC1<br><br>CC2<br><br>CC3            | Identification (any three) and Laboratory Notebook – 15 marks,<br>Top sheet Interpretation – 10 marks,<br>Viva-Voce – 5 marks<br><br>Experiment on Water Analysis and Soil Analysis – 20 marks,<br>Viva voce – 5 marks,<br>Laboratory Notebook – 5 marks.<br><br>Experiment on Water Quality – 20 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks.  | –                      |

|  |      |   |
|--|------|---|
|  | CC4  | Experiment on Soil Quality – 20 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks.  |
|  | CC5  | Field Report submission along with<br>Field Report viva and calculation of<br>Ecological Parameters – 15 + 5 = 20<br>marks,<br>Viva – 10 marks.                           |
|  | CC6  | Experiment and Laboratory Notebook –<br>8+2 = 10 marks<br>Paper Presentation – 15 marks<br>Viva-Voce – 5 marks.   |
|  | CC7  | Analysis of Meteorological Parameters<br>– 20 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks.  |
|  | CC8  | Any four identification – 20 marks,<br>Key preparation – 5 marks,<br>Laboratory Notebook & Viva-Voce – 5<br>marks.  |
|  | CC9  | Field Report Preparation submission<br>along with Field viva and analysis of<br>Urban Survey Parameters – 20 marks,<br>Viva-Voce – 10 marks.                              |
|  | CC10 | Identification of relevant case study<br>presentation and report submission – 20<br>marks,<br>Viva-Voce – 10 marks.   |
|  | CC11 | Numerical problems on bio-diversity<br>assessment field visit and report<br>submission – 20 marks,<br>Viva-Voce – 10 marks.   |
|  | CC12 | Numerical problems on Population<br>Genetics – 10 marks,<br>Estimation of Biochemical Parameters –<br>10 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks. |

|  |  |                 |   |  |
|--|--|-----------------|---|--|
|  |  | CC13            | Experimental analysis – 20 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks.   |  |
|  |  | CC14            | Project work preparation and<br>submission – 20 marks,<br>Viva-Voce – 10 marks.   |  |
|  |  | DSE-A(1)        | Numerical problems on Energy<br>Efficiency – 10 marks,<br>Report preparation and submission – 10<br>marks,<br>Viva-Voce – 10 marks.   |  |
|  |  | DSE-A(2)        | Experiment on Composite Stability – 10<br>marks,<br>Analysis of Rain Water – 10 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks.  |  |
|  |  | DSE-B(1)        | Preparation of Disaster Management<br>Plan and Report preparation and<br>submission and hazard rise analysis –<br>20 marks,<br>Viva-Voce – 10 marks.  |  |
|  |  | DSE-B(2)        | Field report submission and analysis of<br>Waste Management Technology – 20<br>marks,<br>Viva-Voce – 10 marks.  |  |
|  |  | DSE-B(3)        | LC <sub>50</sub> Calculation - 10 marks,<br>Nuclear Abnormality – 10 marks,<br>Viva-Voce – 5 marks,<br>Laboratory Notebook – 5 marks.   |  |
|  |  | General:<br>CC1 | Laboratory safety measures (comment)<br>-5 marks,<br>Principle and Application of instrument<br>& laboratory note book- (7+3)=10<br>marks,<br>Assignment submission and Viva-Voce<br>- ( 5+5)=10 marks,<br>Viva-Voce-5 marks. |  |

|    |                       |                                    |  |         |
|----|-----------------------|------------------------------------|--|---------|
|    |                       | CC2                                | Identification and notebook-15 marks,<br>Field note book submission-10 marks,<br>Viva-Voce -5 marks.   |         |
|    |                       | CC3                                | Water quality and soil quality<br>experiments: 15 marks each,<br>Viva-Voce – 10 marks,<br>Laboratory Notebook – 5 marks.   |         |
|    |                       | CC4                                | Recording of Meteorological<br>Parameters and Laboratory Notebook –<br>10 marks,<br>Weather Station visit and report<br>submission – 10 marks,<br>Viva-Voce – 10 marks.                                  |         |
|    |                       | DSE-A(1)                           | Numerical problems on Energy<br>Efficiency – 5 marks,<br>Energy and Report preparation and<br>submission – 10 marks,<br>Demonstration – 5 marks,<br>Field report submission and Viva-Voce<br>– 10 marks. |         |
|    |                       | DSE-A(2)                           | Numerical problems on Biostatistics –<br>20 marks,<br>Viva-Voce – 10 marks.  |         |
|    |                       | DSE-B(1)                           | Project report preparation/submission<br>and preparation of Disaster<br>Management – 15 marks,<br>Viva-Voce – 10 marks,<br>Poster presentation – 5 marks.  |         |
|    |                       | DSE-B(2)                           | Demonstration – 5 marks,<br>Experiment on Soil Respiration – 5<br>marks,<br>Field Report -15 marks,<br>Viva-Voce – 5 marks.  |         |
| 08 | Electronics           | Honours & General :<br>All courses | Laboratory Notebook – 5 marks,<br>Viva-Voce – 7 marks,<br>Experiment – 18 marks.   | 3 hours |
| 09 | Food and<br>Nutrition | Honours & General :<br>All courses | Laboratory Notebook – 5 marks,<br>Viva-Voce – 5 marks,<br>Experiment – 20 marks.   | –       |





|    |                                   |                                     |   |          |
|----|-----------------------------------|-------------------------------------|---|----------|
| 16 | Journalism and Mass Communication | Honours                             | <i>Semester 1 :</i><br>Computer Report Writing – 10 marks,<br>Writing Intro with Headline and Anchor Story – 10 marks,<br>News Presentation Assignment – 10 marks.<br><i>Semester 2 :</i><br>Written – 10 marks,<br>Computer – 10 marks,<br>Project (Tabloid) – 10 marks. | –        |
| 17 | Molecular Biology                 | General : All courses               | Experiment – 20 marks,<br>Laboratory Record – 5 marks,<br>Viva-Voce – 5 marks.  | 3 hours  |
| 18 | Microbiology                      | Honours & General :<br>All courses. | Two experiments – 20 marks,<br>Viva-Voce – 5 marks,<br>Notebook – 5 marks.  | 6 hours  |
| 19 | Physiology                        | Honours & General :<br>All courses  | Practical Question - 20 marks ,<br>Viva-Voce – 5 marks,<br>Notebook – 5 marks.  | –        |
| 20 | Psychology                        | Honours & General :<br>All courses  | Experiment- 20 marks,<br>Laboratory Notebook- 5 marks,<br>Viva-Voce- 5 marks.   | 3 hours  |
| 21 | Physics                           | Honours & General :<br>All courses  | Experiment – 20 marks,<br>Laboratory Notebook – 5 marks,<br>Viva-Voce – 5 marks.  | 3 hours  |
| 22 | Statistics                        | Honours & General :<br>All courses  | Practical Problems – 20 marks,<br>Viva-Voce – 5 marks,<br>Practical Notebook – 5 marks.   | 2½ hours |
| 23 | Social Science                    | General:<br>All courses             | Practical Activities/Presentation in Seminar/Project related activities – 20 marks,<br>Viva-Voce – 5 marks ,<br>Laboratory Notebook and other materials/dissertation project report – 5 marks.  | 2½ hours |
| 24 | Zoology                           | Honours & General:<br>All courses   | As per recommendation of UGBOS.   | –        |

|    |                            |  |   |   |
|----|----------------------------|--|---|---|
| 25 | Fine Arts                  | Integrated 4 years (8 Semester)<br>Bachelor of Fine Arts (B.F.A.)<br>Honours | CC 1.1. – Submission of work: at least four with at least ten free hand sketches.<br><br>CC 1.2. – Submission of class work: at least four, with five basic sketches and drawings for each.<br><br>CC 1.3. – Submission of class work: Minimum four works with two in colour with five basic sketches for each. | – |
| 26 | Fashion and Apparel Design | Honours :<br>Practical<br><br><br>Project/Term Paper<br>/Internship Project  | Laboratory Notebook/File work – 10 marks,<br>Viva-Voce/ Power Point presentation – 10 marks,<br>Sample preparation or work done /Drawing or Practical assignment on the same day – 10 marks.<br><br>Work and presentation -10 marks,<br>Notebook, File/Drawing, Design – 10 marks,<br>Viva-Voce – 10 marks.     | – |

**N.B :**

- **For subjects not mentioned above, Question Patterns and Marks distribution as prescribed in syllabus of respective Subjects/courses or as recommended by UGBOS.**
- **Question Paper /Instructions to be prepared, Examinations to be conducted & Evaluation to be done by External/ Internal Examiners under the supervision of Head Examiners / Coordinators as per recommendation by UGBOS.**
- **Two/Three Honours Practical courses (CC/DSE) of a particular semester may be clubbed together as required; Separate Answer script to be used for each course.**

**2.2. Tutorial Examination (Non-Laboratory-based subjects):**

Table below shows how the Tutorial Examinations, in general, will be conducted for different courses under each semester at the B.A./B.Sc.(Honours/General/Major) Examinations, under CBCS (semesterized Examinations):

| Stream                 | Course Type | Semester   | Venue/<br>Examination<br>Centre | Examiners |
|------------------------|-------------|--|---------------------------------|-----------|
| Honours                | Core Course | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> & 6 <sup>th</sup><br>Semesters | Home Centre                     | Internal  |
| Honours                | DSE         | 5 <sup>th</sup> & 6 <sup>th</sup> Semesters  | Home Centre                     | Internal  |
| Honours/Major          | Generic     | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> Semesters  | Home Centre                     | Internal  |
| General/Major          | Core Course | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> Semesters  | Home Centre                     | Internal  |
| General/Major          | DSE         | 5 <sup>th</sup> & 6 <sup>th</sup> Semesters  | Home Centre                     | Internal  |
| General<br>(B.A. only) | LCC         | 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup><br>Semesters                                     | Home Centre                     | Internal  |

**N.B. There are no tutorial examinations for Skill Enhancement Courses (SEC) & AECC1.**

- The Tutorial Examination will be held in the 4<sup>th</sup> week of November in case of Odd Semesters and 4<sup>th</sup> week of May in case of Even Semester examinations.
- The modalities of Tutorial Examinations, recommended by respective UGBOS are **annexed** herewith for easy reference (see **Annexure C**).
- Marks of Tutorial Examinations are to be submitted by the College/ Head Examiner within 24<sup>th</sup> December for Odd Semesters and 30<sup>th</sup> June for Even Semesters. The submission of marks is to be made through online mode.
- Head Examiners/Coordinators of respective subjects/courses will supervise the Tutorial Examinations of Honours/General/Major.
- The actual duration of Tutorial Examination will be determined by the concerned UGBOS, duly approved by the appropriate authority.

## ANNEXURE C

Annexure ‘C’ below shows the manner by which Tutorial Examinations will be held in different subjects/courses:

| Sl No. | Subject (s)        | Course Type (Hons./Major/General)               | Question Pattern and Marks distribution (Full Marks-15)  | Examination to be conducted/ Evaluation by   | Duration of Examination   |
|--------|--------------------|---|--|--|---|
| 01     | Arabic and Persian | Honours & General:<br>All courses               | MCQ/Objective type question – 10 marks<br>Substance/short note – 5 marks   | Faculties of the department following the instructions of UGBOS.                                 | -   |
| 02     | Bengali            | Honours & General:<br>All courses               | Note book will contain Project/Home Assignment/ Question-Answer Type Note (at least three per module); Notebook-5 marks; Written -10 marks; At least 6 sets of question papers are to be prepared. | Two internal examiners following the instructions of UGBOS.                                      | 30 minutes for written paper.   |
| 03     | English            | Honours, General & Major : All courses          | Project/Term Paper per course (within 800 to 1000 words); Viva on Project Work/Term paper - 5 marks; Project work/Term paper -10 marks   | Internal examiners following the instructions of UGBOS.  | -   |
| 04     | Education          | Honours & General : All courses<br><br>For CC14 | For Project/term paper<br>Written – 10 marks<br>Viva – 5 marks<br><br>Student must submit research proposal report of 5 marks, oral presentation 5 marks<br>viva voce – 5 marks                    | Internal examiners following the instructions of UGBOS.<br>Evaluation by External examiner only. | 5 minutes for Viva Voce<br><br>Presentation time not more than 7 minutes. |

|   |           |  |  |  |   |
|---|-----------|--|--|--|---|
| 5 | Economics | Honours :<br>CC 1(Sem. 1)<br>CC3 (Sem. 2)<br>CC5 (Sem. 3)<br>CC6 (Sem.3)<br>CC8 (Sem. 4)<br>CC9 (Sem.4)<br>CC11 (Sem.5)<br>CC13 (Sem. 6) | Demonstration lecture –<br>15 marks  | Internal<br>Examiners<br>following the<br>instructions of<br>UGBOS                                   | 15 minutes per<br>student;<br>[10 minutes<br>presentation;<br>5 minutes Viva<br>Voce]   |
|   |           | CC2 (Sem.1)<br>CC4 (Sem. 2)<br>CC7 (Sem.3)<br>CC10 (Sem.4)   | Application oriented<br>viva-voce  | Internal examiners<br>following the<br>instructions of<br>UGBOS.                                     | 12 minutes per<br>student.  |
|   |           | CC12 (Sem. 5)  | Term paper-10 marks;<br>Viva Voce-5 marks.<br>Term paper maybe<br>submitted individually<br>or as a group of<br>maximum 10 students. | Internal examiners<br>following the<br>instructions of<br>UGBOS.                                     | 15 minutes for<br>individual<br>student<br>presentation<br>and 20 minutes<br>for group<br>presentation.   |
|   |           | DSE-B (1),<br>DSE –B(2)<br>CC14 (Sem. 6)   | Critical Review of a<br>paper published in a<br>refereed journal or<br>chapter published in a<br>book or edited books                | Internal examiners<br>following the<br>instructions of<br>UGBOS.                                     | Presentation<br>individually or<br>group 10<br>minutes ; 5<br>minutes Viva<br>Voce for<br>individual<br>student and 10<br>minutes if in<br>group. |
|   |           | General : CC/DSE<br>Honours: GE  | Group Discussion on<br>any topic from the<br>course (10 members in a<br>group)   | Topics to be<br>decided by<br>Internal examiners<br>(out of 10 topics)<br>as instructed by<br>UGBOS. | 20 minutes for<br>each group.   |

|    |                                   |  |   |   |   |
|----|-----------------------------------|--|---|---|---|
| 06 | History                           | Honours & General: All courses                   | Term paper-15 marks   | Internal Examiners of respective Colleges will determine the topic or modes and themes as per the instructions of UGBOS.  | -   |
| 07 | Hindi                             | Honours & General: All courses                   | One term paper of 15 marks each OR one seminar paper of 15 marks each.  | Theme or topic to be decided by concerned Faculty of the College and evaluated by them as per the instructions of UGBOS.  | -   |
| 08 | Journalism and Mass Communication | Honours & General: All courses                   | <ul style="list-style-type: none"> <li>• One term paper of 2000 words or two term papers of 1000 words.</li> <li>• Equivalent to book review/comprehension</li> <li>• Field work based on syllabus related/current topics.</li> <li>• The modes/themes and or topics to be decided internally.</li> <li>• Examination pattern – paper/work presentation in a seminar ; Viva Voce</li> </ul> | <p>Both Internal and External examiners, in case of Honours Courses following the instructions of UGBOS.</p> <p>For General courses by Internal and External examiners following the instructions of UGBOS.</p> | -   |
| 09 | Mathematics                       | Honours: All courses<br><br>General: All Courses | <p>5 marks for presentation<br/>10 marks for Viva-Voce.</p> <p>Viva only-15 marks (2 questions per student).</p>  | <p>To be conducted by Internal (2) examiners following the instructions of UGBOS.</p> <p>Internal (2) Examiners following the instructions of UGBOS.</p>  | <p>15 minutes per student.</p> <p>10 minutes per student.</p> |

|    |                   |  |   |   |   |
|----|-------------------|--|---|---|---|
| 10 | Philosophy        | Honours & General : All courses            | To be determined by UGBOS.  | To be done by College Faculty following the instructions of UGBOS.  | - |
| 11 | Political Science | Honours & General : All courses            | Any one of the following Modes:<br>a) Written: one term paper of 1000 words or two term paper of 500 words/ equivalent book review / comprehension / quotation<br>b) Presentation Mode : Report/Poster/Field work – 15 marks                                | To be done by College Faculty following the instructions of UGBOS.  | - |
| 12 | Sociology         | Honours & General : All courses<br><br>DSE | Written mode – 15 marks (topics by college Faculty) - Term paper/Book review/Excerpt review/Comprehension<br>Presentation mode – Paper or Report / Poster / Field work – 15 marks<br><br>Field work and Dissertation to be decided by the Internal Faculty. | To be done by College Faculty following the instructions of UGBOS.<br><br>Viva Voce by external examiner. | - |
| 13 | Sanskrit          | Honours & General : All courses            | Objective/MCQ - 10 marks out of 15 marks are to be answered in Sanskrit and Devanagari script.<br>5 objective type question of 2 marks each to be answered in Sanskrit (out of seven such questions)  | Internal examiners as per the instructions of UGBOS.  | - |



|    |                                  |                                      |  |  |   |
|----|----------------------------------|--------------------------------------|--|--|---|
| 14 | Statistics                       | Honours :<br>All courses             | 15 marks<br>Viva Voce and/or<br>presentation.  | Question paper<br>setters and<br>examiners will be<br>recommended by<br>UGBOS.           | - |
| 15 | Urdu                             | Honours &<br>General:<br>All courses | Project work/seminar<br>presentation/term<br>paper/group discussion  | Internal faculty of<br>respective colleges<br>following the<br>instructions of<br>UGBOS. | - |
| 16 | Fine Arts                        | Honours                              | MCQ pattern of 10<br>marks each for <ul style="list-style-type: none"> <li>• AECC 1.1</li> <li>• AECC 1.2</li> <li>• GE 1.1</li> <li>• GE 1.2</li> </ul>   | Internal examiners<br>following the<br>instructions of<br>UGBOS.                         | - |
| 17 | Fashion<br>Apparel and<br>Design | Honours                              | For GE -10: Students to<br>be assigned for specific<br>assignment for<br>evaluation of Tutorial<br>examination. Such<br>student will have to<br>work on an assignment<br>given to them and they<br>will be assessed on the<br>basis of assignment done<br>and Viva Voce. | Internal examiners<br>following the<br>instructions of<br>UGBOS.                         | - |

**N.B.:**

- **For the subjects not mentioned above, Question Pattern and Marks distribution as prescribed in syllabus of respective Subjects/Courses or as recommended by UGBOS.**
- **Question Paper /Instructions to be prepared, Examinations to be conducted & Evaluation to be done by Internal Examiners under the supervision of Head Examiners/ Coordinators as per recommendation of the UGBOS.**
- **Different courses in a particular semester may be clubbed as required; separate Answer script to be used for each course.**

### 3. THEORETICAL EXAMINATION:

For End-Semester Examinations, online forms will be filled up in *third week of November for odd semester examinations* and in *third week of May for even semester examinations*.

3.1. The examinations for each semester in case of Theoretical papers at the B.A./B.Sc. courses will be held, in general, as mentioned hereunder:

| Course/Paper                                | Centre/Venue | Examiners/Mode of Examination |
|---|--------------|-------------------------------|
| Honours : CC/DSE/SEC                        | Away centre  | External                      |
| General/Major: CC/DSE<br>Honours/Major : GE | Away centre  | External                      |
| Honours/Major/General: AECC1:               | Away Centre  | MCQ (OMR based evaluation)    |
| Honours/Major/General: AECC2:               | Away Centre  | MCQ (OMR based evaluation)    |

- Theoretical Examinations will be held in the 2<sup>nd</sup> Week of December/June for the Odd/Even Semesters.
- Evaluation will be done in the examination centres for General/ Major Examinations; for Honours course, the answer scripts for evaluation will be received by the examiners from the University.
- Marks of Theoretical Examinations are to be submitted by the College/Head- Examiner within 3<sup>rd</sup> week of January/July for Odd/Even Semesters.
- Theoretical Examinations of two/three courses/papers of a subject in a particular Semester may be clubbed.
- Examinations of Theoretical papers of AECC will be held along with other theoretical papers.

**3.2. Question Pattern:**

The pattern of questions, in general, of Theoretical component for laboratory and non-laboratory based Honours/Major/General Subject/ Course is mentioned below:

| Course  | Type of Question                              | Marks Division                                       |
|---|---|--|
| <b>Laboratory Based</b><br>Honours/Major/General<br>CC/DSE/GE<br>(Full Marks: 50)                       | Objective Type<br>Short Note<br>Long question | 5x2 = 10 marks<br>2x5 = 10 marks<br>3x10 = 30 marks  |
| <b>Non- Laboratory Based</b><br>Honours/Major/General<br>CC/DSE/GE/LCC<br>(Full Marks: 65)              | Objective Type<br>Short Note<br>Long question | 10x2 = 20 marks<br>3x5 = 15 marks<br>3x10 = 30 marks |
| <b>Laboratory &amp; Non- Laboratory Based</b><br>Honours/Major/General<br>SEC<br>(Full Marks- 80 marks) | Objective Type<br>Short Note<br>Long question | 10x2 = 20 marks<br>4x5 = 20 marks<br>4x10 = 40 marks |
| AECC 1 (Full Marks- 80 marks)   | MCQ   | 40x2=80 marks  |
| AECC 2 (Full Marks- 50 marks)   | MCQ   | 25 x 2 = 50 marks                                    |

- **Subject-wise details in Annexure D**

**3.3. Examination Duration:**

| Subjects                                 | Full Marks | Duration          |
|--|------------|-------------------|
| Theoretical papers (other than AECC)     | 100/50     | 4/2 hours         |
| Theoretical papers (other than AECC)     | 65/80      | 3 hours           |
| AECC-1 (Theoretical paper) (MCQ pattern) | 80         | 2 hours           |
| AECC-2 (Theoretical paper) (MCQ pattern) | 50         | 1 hour 30 minutes |

**3.4.** In case of candidates appearing for Honours/Major Theoretical **Core Courses (CC)**, the mode of conducting examination, in general, will be as follows:

***Laboratory based subjects/courses***

| <b>Semester Type</b>     | <b>Core Courses</b>  |
|--------------------------|--|
| 1 <sup>st</sup> Semester | CC1=50marks, CC2=50 marks; two courses may be clubbed together.                    |
| 2 <sup>nd</sup> Semester | CC3=50marks, CC4= 50 marks; two courses may be clubbed together.                   |
| 3 <sup>rd</sup> Semester | CC5 =50marks, CC6= marks, CC7=50 marks; any two courses may be clubbed together.   |
| 4 <sup>th</sup> Semester | CC8=50 marks, CC9=50 marks, CC10=50marks; any two courses may be clubbed together. |
| 5 <sup>th</sup> Semester | CC11=50 marks, CC12 = 50 marks; two courses may be clubbed together.               |
| 6 <sup>th</sup> Semester | CC13= 50 marks, CC14 =50 marks; two courses may be clubbed together.               |

***Non-Laboratory Based subjects:*** For all Core Courses (CC1 – CC14) each of 65 marks; no clubbing.

- **Subject-wise details in Annexure D.**
- **In case of clubbing, separate answer-script to be used for each course.**

**3.5.** In case of Honours/Major candidates appearing for Theoretical *Generic Elective Courses (GE)* and General candidates appearing for Theoretical *Core Courses (CC)*, the mode of conducting examinations, in general, will be as follows:

| Semester   | GE (Honours/ Major) |                      | CC(General)      |                      |
|------------|---------------------|----------------------|------------------|----------------------|
|            | Laboratory based    | Non Laboratory based | Laboratory based | Non Laboratory based |
| Semester I | GE 1: 50 marks      | GE 1: 65 marks       | CC 1: 50 marks   | CC 1: 65 marks       |
| Semester 2 | GE 2: 50 marks      | GE 2: 65 marks       | CC 2: 50 marks   | CC 2: 65 marks       |
| Semester 3 | GE 3: 50 marks      | GE 3: 65 marks       | CC 3: 50 marks   | CC 3: 65 marks       |
| Semester 4 | GE 4: 50 marks      | GE 4: 65 marks       | CC 4: 50 marks   | CC 4: 65 marks       |

- **Subject-wise details in Annexure D.**

**3.6.** In case of candidates appearing for (Honours/General/Major) Theoretical *Discipline Specific Elective Courses (DSE)*, the mode of conducting examinations, in general, will be as follows:

| Semester    | Honours/ Major   |   | General           |                      |
|-------------|--|---|-------------------|----------------------|
|             | Laboratory-Based   | Non Laboratory-Based                                  | Laboratory-Based  | Non Laboratory-Based |
| Semester 5: | DSE –A=50 marks , DSE-B = 50 marks; (two courses may be clubbed) | DSE-A : 65 marks<br>DSE-B : 65 marks<br>(No clubbing) | DSE – A: 50 marks | DSE – A: 65 marks    |
| Semester 6: | DSE –A=50 marks, DSE-B = 50 marks; (two courses may be clubbed)  | DSE-A : 65 marks<br>DSE-B : 65 marks<br>(No clubbing) | DSE – B: 50 marks | DSE – B: 65 marks    |

- **Subject-wise details in Annexure D**
- **For DSE, all options/ electives may be included in the same question.**
- **In case of clubbing, separate answer-script to be used for each course.**

**3.7.** In case of candidates appearing for Theoretical *Skill Enhancement Courses (SEC)*, the mode of conducting Examination, in general, will be as follows:

| <b>Semester</b> | <b>Honours/ Major</b> | <b>General</b>  |
|-----------------|-----------------------|-----------------|
| Semester 3:     | SEC-A: 80 marks       | SEC-A: 80 marks |
| Semester 4:     | SEC-B: 80 marks       | SEC-B: 80 marks |
| Semester 5:     | —                     | SEC-A: 80 marks |
| Semester 6 :    | —                     | SEC-B: 80 marks |

- **For SEC, all options/ electives may be included in the same question.**
- **Subject-wise details in Annexure D**

## ANNEXURE D

Annexure 'D' below shows the manner by which Theoretical Examinations will be held in different subjects/ courses:

| SI No. | Subject (s)        | Course Type<br>(Hons./Major/General)                      | Question Pattern and Marks<br>distribution  |
|--------|--------------------|---|---|
| 01     | Arabic and Persian | Honours & General : All courses                           | Objective type question – 20 marks,<br>Subjective/Descriptive type questions – 20 marks,<br>Short notes – 5 marks,<br>Translation from Arabic/Persian into English or other vernacular – 20 marks.  |
| 02     | Anthropology       | Honours : All courses<br><br>General : All Courses        | 10 MCQ questions of 1 mark each,<br>4 short answer type questions of 4 marks each,<br>3 broad answer type questions of 8 marks each.<br><br>10 MCQ questions of 1 mark each,<br>3 short answer type question of 4 marks each,<br>2 broad answer type question of 14 marks each. |
| 03     | Bengali            | Honours & General:<br>CC,LCC(2), GE, DSE,<br>SEC, AECC(1) | As mentioned in the syllabus.   |
| 04     | Botany             | Honours & General : All courses<br><br>SEC                | 5x2 = 10 marks<br>2x5 = 10 marks<br>3 x10 = 30 marks<br><br>10x2 = 20 marks<br>4 x5 = 20 marks<br>4x10 = 40 marks   |

|    |                       |  |  |
|----|-----------------------|--|--|
| 05 | Biochemistry          | Honours & General : All courses<br><br>SEC                                   | 5x2 = 10 marks<br>2x5 = 10 marks<br>3 x10 = 30 marks<br><br>10x2 = 20 marks<br>4 x5 = 20 marks<br>4x10 = 40 marks  |
| 06 | Chemistry             | Honours : CC, DSE<br><br>General : CC, DSE, GE<br><br>SEC (Honours/ General) | 10 short questions of 1 mark each,<br>8 questions of 5 marks each.<br><br>20 short questions of 1 mark each,<br>15 questions of 2 marks each.<br><br>20 short questions of 1 mark each,<br>12 questions of 5 marks each.   |
| 07 | Computer Science      | Honours & General : All courses  | Q. 1 – 5x2 = 10 marks,<br>Q.2 to Q. 8 – any four each carrying 10 marks (each sub question with maximum of 5 marks).   |
| 08 | Environmental Science | Honours & General : All courses (except SEC)<br><br>SEC                      | 5 objective type questions of 2 marks each,<br>2 short notes of 5 marks each,<br>3 broad answer type question of 10 marks each.<br><br>10 objective type questions of 2 marks each,<br>4 short notes of 5 marks each,<br>4 broad answer type question of 10 marks each.  |
| 09 | Electronics           | Honours & General : All courses (except SEC)                                 | 10 MCQ questions of 1 mark each,<br>7 long questions of 10 marks each are to be set and are divided into 3 (or 2) units; out of which 4 questions are to be answered taking at least 1 (or 2) from each unit as directed.<br>Each long question preferably should have at least 3 parts, and no part should carry more than 5 marks. |



|    |                       |  |   |
|----|-----------------------|--|---|
|    |                       | SEC  | 10x2=20 marks<br>4x5 =20 marks<br>4x10=40 marks   |
| 10 | English               | Honours & General<br>CC, GE, DSE, AECC1,<br>SEC, LCC   | As prescribed in syllabus.  |
| 11 | Education             | Honours & General – all<br>courses   | 3 questions out of 4 of 10marks<br>each (10x3 = 30),<br>5 questions out of 6 of 5 marks<br>each (5x5 = 25),<br>5 questions out of 6 of 2 marks<br>each (2x5= 10).   |
| 12 | Economics             | Honours & General<br>CC,DSE,GE (Except<br>Honours DSE-A)<br><br>Honours & General: SEC<br><br>Honours : DSE A(1) and<br>DSE A(2) | Objective type 10 x2 = 20 marks,<br>Short note 3x5 = 15 marks,<br>Long questions 3x10 = 30 marks.<br><br>Objective type 10x2 = 20 marks,<br>Short note 4x5 = 20 marks,<br>Long questions 4x10 = 40 marks.<br><br>Objective type 5x2 = 10 marks,<br>Short note 2x5 = 10 marks,<br>Long questions 3x10 = 30 marks.  |
| 13 | Food and<br>Nutrition | Honours, General &<br>Major: All courses (except<br>DSE)   | 5 questions out of 8, each<br>carrying 10 marks.  |
| 14 | Geography             | Honours & General : All<br>courses   | Short definitive 5x2 = 10 marks,<br>Brief explanatory 4x5 = 20<br>marks,<br>Broad, descriptive /analytical<br>2x10 = 20 marks.  |
| 15 | Geology               | Honours & General : All<br>courses (except SEC)  | MCQ type - 10 questions of 1<br>mark each – 10 marks,<br>Short answer type with 1 or 2<br>mark each,<br>Choice of 10 out of 15 questions<br>or 5 out of 8 questions<br>respectively – 10 marks,<br>Broad answer type – 30 marks<br>with 10 marks of each question,<br>Choice of 3 out of 6 questions.<br>Any subdivision of marks within<br>10 marks is possible. |

|    |                                  |   |   |
|----|----------------------------------|---|---|
|    |                                  | Honours & General: SEC                      | Objective type – $10 \times 2 = 20$ marks,<br>Short note – $4 \times 5 = 20$ marks,<br>Long questions – $4 \times 10 = 40$ marks.   |
| 16 | History                          | Honours & General<br>CC/DSE/GE<br><br>SEC   | 3 questions out of 6 – $10 \times 3 = 30$ marks,<br>4 questions out of 8 – $5 \times 4 = 20$ marks,<br>15 objective type question of 1 mark each – $1 \times 15 = 15$ marks.<br><br>As mentioned in the syllabus.           |
| 17 | Hindi                            | Honours & General : All Courses<br><br>AECC | Descriptive answer type $3 \times 10 = 30$ marks,<br>Objective 10 questions $2 \times 10 = 20$ marks,<br><br>Short note / questions /explanation $3 \times 5 = 15$ marks.<br>Objective Or MCQ – $2 \times 40 = 80$ marks    |
| 18 | Human Development                | Honours & General : All courses             | MCQ – 20 marks,<br>Subjective question : 4 short notes out of which 2 to be attempted – $2 \times 5 = 10$ marks,<br>4 long questions out of which 2 to be attempted – $2 \times 10 = 20$ marks.                             |
| 19 | Home Science Extension Education | General : All courses                       | MCQ – 20 marks ( $10 \times 2$ ),<br>Long questions – 30 marks (3 out of 4 should be answered).   |
| 20 | Household Art                    | General : All courses                       | Objective type – $5 \times 2 = 10$ marks,<br>Short note – $4 \times 5 = 20$ marks,<br>Long question – $2 \times 10 = 20$ marks.   |
| 21 | Human Rights                     | General : All courses                       | MCQ type - 10 questions of 1 mark each – 10 marks,<br>3 Short answer type of 4 marks each – 12 marks,<br>2 Broad answer type question of 14 marks each – 28 marks,<br>Any subdivision of marks within 14 marks is possible. |



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| 26 | Philosophy        | Honours & General : All courses (except SEC)<br><br>SEC | 10 MCQ (1 mark each) out of 12 questions,<br>5 short questions (5 marks each) out of 8 question,<br>2 broad questions (15 marks each) out of 4 questions.<br><br>10 MCQ (1 mark each) out of 12 questions,<br>5 short questions (5 marks each) out of 8 question,<br>3 broad questions (15 marks each) out of 6 questions.   |
| 27 | Physics           | Honours & General : All courses                         | Short type questions $5 \times 2 = 10$ marks,<br>Broad questions $10 \times 4 = 40$ marks.   |
| 28 | Political Science | Honours & General : All courses (except SEC)<br><br>SEC | 50 marks for subjective or descriptive type questions. (2 questions out of 4, one from each module – $2 \times 10 = 20$ marks + 2 questions out of 4, 1 from each module – $2 \times 15 = 30$ marks), 15 marks for 1 mark answer ( $1 \times 15$ ).<br><br>65 marks for subjective or descriptive type questions. (2 questions out of 4, one from each module – $2 \times 10 = 20$ marks + 3 questions out of 5, 1 from each module – $3 \times 15 = 45$ marks), 15 marks for 1 mark answer ( $1 \times 15$ ). |
| 29 | Physiology        | Honours & General : All Courses<br><br>SEC              | Objective type $5 \times 2 = 10$ marks,<br>Short note $2 \times 5 = 10$ marks,<br>Long questions $3 \times 10 = 30$ marks.<br><br>Objective type $10 \times 2 = 20$ marks,<br>Short note $4 \times 5 = 20$ marks,<br>Long questions $4 \times 10 = 40$ marks.  |
| 30 | Psychology        | Honours & General : All Courses (except SEC)            | 2 questions of 5 marks each = 10 marks,<br>1 question of 10 marks each = 10 marks,<br>2 questions of 15 marks each = 30 marks.   |

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|    |                | SEC   | Objective type 10x2 = 20 marks,<br>Short note 4x5 = 20 marks,<br>Long questions 4x10 = 40 marks.  |
| 31 | Sociology      | Honours & General : All Courses (except SEC)<br><br>SEC | 2 questions of 15 marks each = 30 marks,<br>5 questions of 5 marks each = 25 marks,<br>10 questions of 1 marks each = 10 marks.<br><br>3 questions of 15 marks each = 45 marks,<br>5 questions of 5 marks = 25 marks,<br>10 questions of 1 marks each = 10 marks.   |
| 32 | Sanskrit       | Honours & General : All courses                         | 40 marks out of 65 marks are to be answered in Sanskrit and Devanagari script.  |
| 33 | Statistics     | Honours & General : All courses                         | <i>50 marks paper</i><br>10 objective type question (1 mark each) out of 15 questions,<br>4 short questions (5 marks each) out of 6 questions,<br>2 broad questions (10 marks each) out of 3 questions.<br><br><i>65 marks paper</i><br>10 objective type questions (1 mark each) out of 15 questions,<br>5 short questions (5 marks each) out of 7 questions,<br>3 broad questions (10 marks each) out of 5 questions. |
| 34 | Social Science | General : All courses                                   | MCQ 20 marks,<br>Subjective questions : 2 short notes of 5 marks each,<br>2 Long questions of 10 marks each.  |

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| 35 | Urdu                       | Honours & General: All courses<br><br>SEC | Objective Type : 10x2 = 20 marks,<br>Short Note/explanation from prose and verse: 3x5 = 15 marks,<br>Long question: 3x10 = 30 marks.<br><br>Objective Type: 10x2 = 20 marks,<br>Short Note/explanation from prose and verse: 4x5 = 20 marks,<br>Long question: 4x10 = 40 marks. |
| 36 | Zoology                    | Honours & General- all courses<br><br>SEC | Objective Type 5x2=10 marks,<br>Short Note: 2x5=10 marks, Long question: 3x10=30 marks.<br><br>Objective Type: 10x2=20 marks,<br>Short Note: 4x5=20 marks,<br>Long question: 4x10=40 marks.   |
| 37 | Fine Arts                  | Honours                                   | Objective pattern of 30 marks and one essay type question of 10 marks for <ul style="list-style-type: none"> <li>• AECC 1.1</li> <li>• AECC 1.2</li> <li>• GE 1.1</li> <li>• GE 1.2</li> </ul>  |
| 38 | Fashion and Apparel Design | Honours                                   | 5 questions (out of 8) of 10 marks each.  |

**N.B.:**

- For the subjects not mentioned in Annexure D; general instructions as prescribed in clause 3.1 – 3.7 / as mentioned in syllabus/ as per recommendation of U.G.B.O.S. to be followed.
- Question paper setting, Moderation & clubbing (if required) and evaluation to be done as per recommendation of U.G.B.O.S.
- Courses may be clubbed together in a semester, as required; in case of clubbing separate answer-script to be used for each course.

**3.8. Evaluation:****a. General/Major Courses**

- Evaluation will be done in the Examination Centres under the supervision of a Head-Examiner.
- The nearby Examination Centres will be clustered under the supervision of a Head-Examiner to be selected from nearby college.
- The evaluated scripts will be preserved by the Evaluation- cum- Examination centre for six months after publication of results.

- The Head- Examiners will preserve only those evaluated scripts (5 percent of the total scripts) that he/she will scrutinize and check.
- The Head- Examiner will call for submission of those scripts that are to be re-examined (from evaluation centre).
- In case of subjects where the concerned Examination Centre (college) does not have the affiliation of the subject in which examination has been conducted, the answer-scripts will be evaluated as per the direction of the Department of Controller of Examinations.
- In case of subjects, where the number of teachers are few in comparison to the number of scripts to be evaluated, either teachers will be deployed externally or spot-evaluation will be done centrally (decision by the University will be intimated in due time).

***b. Honours Courses***

- Answer scripts of Honours papers to be submitted by the Examination Centres to the University.
- Examiners will receive Answer scripts from the University.

***c. AECC***

- Answered OMR sheets to be submitted by the Examination Centres to the University.
- OMR sheets will be processed further for evaluation.

**3.9. Submission of marks:**

- a. General/Major: The examiners will submit marks to the concerned Head-Examiners in award slip (offline submission), who will upload the same and send to the University online.
- b. Honours: Examiners will submit marks along with evaluated answer-scripts to the concerned Coordinator(s) who will in turn submit marks online.  
In such subjects/ courses where Coordinators have not been assigned, marks will be submitted online by the concerned Examiner.

**4. DISTRIBUTION OF MARKS FOR ALL EXAMINATIONS:**

For a Course /Paper, F.M-100 consists of:

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| <p><i>Lab-based (CC/GE/DSE/AECC2):</i></p> <p>F.M.-50 Theoretical Course + F.M-30 Practical Course + F.M.-20 Internal Assessment (Internal Examination-10 + Class Attendance-10)</p> | <p><i>Non –laboratory based (CC/LCC/GE/DSE) :</i></p> <p>F.M.-65 Theoretical Courses +F.M-15 Tutorial Courses +F.M.-20 Internal Assessment (Internal Examination -10+ Class Attendance-10)</p> <p><i>AECCI/SEC :</i></p> <p>F.M-80 Theoretical Courses+ F.M.-20 Internal Assessment (Internal Examination -10+ Class Attendance-10)</p> |
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