			DE	PARTMENT OF	PHYSIOLOGY	(	WITH EFFECT F	)	
	2:15 - 3:00	3:00 - 3:45	3:45 - 4:30	4:30 - 5:15	5:15- 6:00	6:00 -6:45	6:457:30	7:30 - 8:15	STREAM
		PHYA ( SC ) 201	PHYA (TD) 201		PHYA (TD) 201	PHYA PR ( TD, RM)		LAB	II SEM-H
					PHYG (DD) LAB	PHYG (DD) LAB	PHYG (UC) LAB		II SEM-G
MONDAY	PHYA( RM) 201	PHYA( RM) 201	PHYA( SC ) 201						II H
			PHYG ( DD ) 109						II G
	PHYA PRAC (TD, DI	D )		LAB	PHYA (SC) LAB				III H
	PHYA (TD) 201	PHYA (SC) 201				PHYA PRAC (TD, RM	1)	LAB	II SEM-F
TUESDAY				PHYG ( RA) 201		PHYG PRAC (RA, UC	;)	LAB	II SEM-G
					PHYA ( SC ) LAB				ПH
	PHYG (SC) LAB	PHYG (RA) LAB							II G
	PHYA PRAC (TD, RM)			LAB	PHYA (TD) LAB				III H
			PHYG (RA) 201						III G
	PHYA PRAC (TD, RI	M)	LAB	PHYA (SKG) 201					II SEM-H
VEDNESDAY	PHYA (DD ) 201								ПH
			PHYA (DD ) 201	PHYA (DD ) 201	PHYA PRAC (TD,	RM )		LAB	III H
		PHYG ( DD) 201			PHYG (RA ) 201	PHYG PRAC (RA, DI	0)	LAB	III G
THURSDAY	I PHYA (SKG) 201	I PHYA (SKG) 201							II SEM-F
		PHYA (SC ) LAB	PHYA (SKG ) LAB	PHYA (SKG ) LAB	PHYA (SC ) LAB				III H
	PHYA (RM)LAB	PHYA (RM)LAB							II SEM-F
FRIDAY	PHYA (DD ) 201	PHYA (TD ) 201	PHYA (TD ) 201			, ,	1)		IIH
						PHYG PRAC (TD, UC	C)	LAB	II G
	PHYA ( TD ) LAB	PHYA ( DD ) LAB	PHYA (UC ) LAB	PHYA (TD ) 201					III H
				PHYG (UC) LAB					III G
SATURDAY					ENV ( ) D	ENV ( ) D	1		II SEM-F
	PHYA (SKG ) 201	, ,	PHYA (SKG ) 201	, ,	:М)	LAB	1		ШH
	PHYG PRAC (RA, L	,		PHYG (UC ) 201			1		II G
	PHYA PRAC (RM, SC	C)		LAB					III H

NOTE: (1)Filled up routine along with Preparatory Day and No. of classes allotted of individual faculty member will be submitted within9th. January, 2019

(2) Please note Classes and Room Nos of II & III H & G may be changed

				DEPARTMEN	IT OF PHYSIOL	.OGY		WITH EFFECT F	FROM 06.07.2019
	STREAM	2:15 - 3:00	3:00 - 3:45	3:45 - 4:30	4:30 - 5:15	5:15- 6:00	6:00 -6:45	6:457:30	7:30 - 8:15
	I SEM-H		PHYA (RM) 201	PHYA ( RM) 201		PHYA (PK) 201	PHYA PR ( TD/RI	· )	LAB
	I SEM G						PHYG (DD) 201	PHYG (UC) 201	PHYG (SC) 201
MONDAY	III SEM H	PHYA(TD) 201	PHYA( ) 201	PHYA( ) 201	PHYA(SC) 201	PHYA(SC)LAB	PHYA PRAC ( TD/R	M )	LAB
	III SEM G			PHYG (DD) 109					
	III H		PHYA PRAC ( TE	D/DD )		LAB	PHYA (PK) LAB	PHYA (SC) LAB	
	I SEM-H				PHYA (TD)201		PHYA PRAC ( TD/R	,	
TUESDAY	I SEM G				PHYG (RA) LAB		PHYG PRAC (RA/U	C)	LAB
	III SEM H	PHYA SEC(TD) 201	PHYA SEC(TD) 201						
	III SEM G	PHYG SEC(TD) 201	PHYG SEC(TD) 201						
	III H	PHYA PRAC (RM)			LAB	PHYA ( TD) LAB			
	III G			PHYG (RA) 201					
	I SEM-H	PHYA PRAC (TD/RI	Й)	LAB	PHYA (PK) 201				
	III SEM H	PHYA ( ) 201	PHYA ( ) 201				PHYA PR (TD/RM)-		LAB
WEDNESDAY	III H			PHYA (DD) 201	PHYA (DD) 201	PHYA PRAC (TD/I	RM)		LAB
	III G		PHYG (DD) 201			PHYG (RA) 201	PHYG PRAC (RA/D	D)	LAB
	I SEM-H	PHYA (SKG) 201	PHYA (SKG) 201						
THURSDAY	III H	PHYA (SC) LAB	PHYA (SC) LAB	PHYA (SKG) LAB	PHYA (SKG) LAB	PHYA (SKG) LAB			
	I SEM-H		PHYA (RM) 102	PHYA (RM) 102		PHYA (TD)201			
FRIDAY	III SEM H	PHYA (TD) 201	PHYA (UC) 201	PHYA (UC) 201	PHYA (TD) 201		PHYA PRAC (TD/RI		
	III SEM G				PHYG (RA) LAB		PHYG PRAC (RA/U	C)	LAB
	III H	PHYA (DD) LAB	PHYA (DD) LAB	PHYA (TD) LAB					
	III G				PHYG (UC) 102				
	III SEM H	PHYA PRAC (UC/SC	)	LAB	PHYA (TD) 103				
SATURDAY	III SEM G			PHYG ( SC) 201	PHYG (UC) 201				
	III H	PHYA PRAC ( RM/S	C)		LAB	PHYA (TD) 201			

# VIDYASAGAR METROPOLITAN COLLEGE: EVEN SEMESTER ROUTINE, 2022

	STREAM	215-300	3.00 - 3:45	3:45 - 4:30	4.30 - 5:15	5:15-6:00	6:00 -6:45	6:457:30	7:30 - 8:15
	II SEM-H	1	SHIVAL YEAR	PHYA LILAB			PHYAPR(	)	LAB
MONDAY	II SEM-G	+	ening year	Printy Pole		PHYGI ILAB	PHYG ( ) 201	PHYG ( ) 201	
	IV SEM-H	PHYAPRACICH	201	LAB	PHYA SC LAB	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PHYACID LAB	PHYA(RM)LAB	PHYA(AD) 201
	IV SEM-G	Line and the latest		1	Pillings Low		PHYG (56) 107		
	VI SEM-H	PHYAPRIENTE	100		LAB		PHYA (AD) LAB	PHYA TELAB	PHYA (KM)LAB
	VI SEM-G	- Willest	1	1	1				
Account to	II SEM-H	1	+	PHYA ( ) LAB	PHYA ( ) LAB		PHYA PRAC (	)	LAB
TUESDAY	II SEM-G				PHYG ( ) 201		PHYG PRAC (	)	LAB
	IV SEM-H	PHYA (PM) LAB	PHYA (EM)LAB		1	PHYA(UC)LAB			
1/1	IV SEM-G	PHYG (CA) 201	PHYG (CA) 201			-			
	VI SEM-H	PHYA PRACITE			LAB		PHYA DD 104	PHYA DD 201	PHYA TD 201
	VI SEM-G		1	T		PHYS KAZ	PHYO PR		LAB
	II SEM-H	PHYA PRAC (	)	UAB	PHYA ( ) LAB			7	
	II SEM-G		T	1	PHYG 201				
WEDNESDAY	IV SEM-H	PHYAPR (TO/U	0	LAB	PHYA ( D) LAB	PHYA (1 D) LAB			
1	IV SEM-G	1	1	1					
	VI SEM-H					PHYA PR-	DD/UC		LAB
	VI SEM-G						1		PHYG RA 201
THURSDAY	IT SEM-H	PHYA ( ) 201	PHYA ( ) 201						
	II SEM-G								
ì	IV SEM-H								
1	IV SEM-G				PHY3 5C 201				. J
- 1	VI SEM-H				PHI A (A)LAB	PHYA(U CLAB	PHYA SC LAB	PHYA SCLAB	PHYA X LAB
- 1	VI SEM-G								1PH/G SC 201
	II SEM-H								
ŀ	II SEM-G								A8
	IV SEM-H	PHYA ( A D) 201.	PHYA (UC)201	PHYA (54) 201			PHYA PRAC (R)		A8
FRIDAY	IV SEM-G	7	1	-	PHYG (AD) LAB	Sid.	PHYG PRAC ( P.		
ricon!	VI SEM-H				0, ,	PHYA RMLAB			PA X LAB
- 1	VI SEM-G	_					PHYG PR	RMAD	1.00
	II SEM-H	_	_						
-	II SEM-G		+					_	Market
L		PHYA PRAC	JADI	LAB	PHYA(T) LAB	ECHYALAD LAS	SEC		Meetings hars. Cultural activities
ATURDAY	IV SEM-H	PHYA PRAC ("1)	The	PHYG (1 D) 201	5ECPHYG (DD) 201	/			lars. Curtural activities
	IV SEM-G		Nah.	Irino (Three	—-LAB	PHYA RMLAB	PHYANDLAB		
- 1	VI SEM-H	PHYA PRAC ( K)	1177						
- 1	VI SEM-G	PHYG AD 201	PHYG A 201						

PLEASE CHECK MASTER ROUTINE || SEM H--7-9 | || V SEM H--12-12 | || V SEM G- 5-3 | || V SEM H--18-18 |
|| SEM G- 5-3 | || V SEM SEC H-2 || V SEM G-SEC-2 | V SEM G-5-3

HEAD OF THE DEPARTMENT

#### VIDYASAGAR METROPOLITAN COLLEGE: EVEN SEMESTER ROUTINE, 2022

DEPARTMENT OF PHYSIOLOGY

	STREAM	2:15 - 3:00	3:00 - 3:45	3:45 - 4:30	4:30 - 5:15	5:15- 6:00	6:00 -6:45	6:457:30	7:30	-8:15
	II SEM-H	PHYA (TD ) LAB	PHYA (TD ) LAB				PHYA PR (UC/SC)		LAB	
1	II SEM-G	1				PHYG (DD ) LAB		PHYG ( SC ) 201		
MONDAY	IV SEM-H	PHYA PRAC (RM/D	D)	LAB	PHYA(SC) LAB		PHYA(TD) LAB	PHYA(TD) LAB	PHYA (AD)	20
	IV SEM-G				No.		PHYG (SC) 107			
1	VISEM-H	PHYA PR (RM/AD)			LAB		PHYA(AD)LAB	PHYA(RM) LAB	PHYA(TD)	LAB
	VI SEM-G					PHYG (AD)				
	II SEM-H	PHYA (AD)		PHYA (RM) LAB	PHYA (RM) LAB	PHYA (SC)	PHYA PRAC (RMD)	)}	LAB	
TUESDAY	II SEM-G				PHYG (RA.) 201		PHYG PRAC ( RA/U	C)	LAB	
0.0000000000000000000000000000000000000	IV SEM-H	PHYA (RM) LAB	PHYA (RM) LAB			PHYA (UC) LAB				
1	IV SEM-G	PHYG (RA) 201	PHYG (RA) 201							
1	VI SEM-H	PHYA PRAC (TD/A	D)		LAB		PHYA(TD) 104	PHYA 201	PHYA	201
- 1	VI SEM-G					PHYG (RA)		1		
	II SEM-H	PHYA PRAC ( DD/	UC )	LAB	PHYA (DD ) LAB					
1	II SEM-G		T	1	PHYG(RA)201				1	
WEDNESDAY	IV SEM-H	PHYA PR ( TD/UC )		LAB	PHYA (RM) LAB	PHYA (RM) LAB		1		
1.5	IV SEM-G		1	1				1	1	
1	VI SEM-H			1		PHYA PR (TD/DD)-			LAB	
1	VI SEM-G		1				PHYG (RA)	PHYG (RA)	1	
THURSDAY	II SEM-H	PHYA (AD ) 201	PHYA (UC) 201	PHYA (UC)	T	1	1			
	II SEM-G			3						
1	IV SEM-H	1	1			1	1	1		
- 1	IV SEM-G			1		PHYG(SC)201		1	1	
1	VI SEM-H				PHYG(AD) LAB	PHYA (UC) LAB	PHYA (SC) LAB	PHYA(SC) LAB	PHYA	LAB
- 1	VI SEM-G			1		PHYG(AD) 201				
	II SEM-H		1	PHYA (DD)			1			
1	II SEM-G	1						1		
1	IV SEM-H	PHYA (AD ) 201	PHYA (AD ) 201	PHYA (TD) 201			PHYA PRAC ( RM/S	C)	LAB	
FRIDAY	IV SEM-G				PHYG (RA) LAB		PHYG PRAC (RA/S	C)	LA	В
/33978/s.790e-en/	VI SEM-H	PHYA(DD) LAB	PHYA (DD) LAB	PHYA (RM)LAB	PHYA(RM) LAB	PHYA(TD) LAB	1			
	VI SEM-G			PHYG PR (AD)		LAB	7	1		
-	II SEM-H									
	II SEM-G							1		
SATURDAY	IV SEM-H	PHYA PRAC ( TD/A	VD)	LAB	PHYA (UC) LAB	PHYA (SC) LAB			Meetings	
	IV SEM-G			PHYG (TD) 201	PHYG (AD) 201			Seminars	s, Cultural ac	tivitie
- 1	VI SEM-H	PHYA PRAC (RN	d/TD)	LAB				1		
	VI SEM-G			T		+		-1		

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# Temporary class routine for Physiology Semester VI Honours. Tenure: 16-02-2023 to 28-02-2023

Day and Date	Time schedule and Allotment of Faculties							
	11:00 am- 12:00 noon	12:00 noon - 1:00 pm	1:30 pm - 2:30 pm/3.30 pm					
16-02-2023	AD	RM	RA					
(Thursday)								
17-02-2023	TD	DD	UC					
(Friday)								
20-02-2023	RM	AD	RM & TD (Practical)					
(Monday)								
21-02-2023	SC	DD	TD					
(Tuesday)								
22-02-2023	SC	TD	RM & TD (Practical)					
(Wednesday)								
23-02-2023	RM	AD	RA					
(Thursday)								
24-02-2023	UC	RM	TD					
(Friday)								
25-02-2023		Students' seminar						
(Saturday)	( F	irst 12 students) 12 noon	– 3 pm					
27-02-2023	UC	DD	RM & TD (Practical)					
(Monday)								
28-02-2023	SC	RA	AD					
(Tuesday)								

#### 09.01.2023

## Special Routine for Semester I (H) Students of the Department of Physiology:-

Our Department has been selected as a Centre for holding Physiology Honours Practical Examination of Semester V from 30<sup>th</sup> January to 6<sup>th</sup> February 2023. So the classes of Physiology in the Department cannot take place according to the routine. Consequently a Special Routine for Physiology Classes is being formulated for those days and is tabulated below:

Date	Time	Allotment of Faculty
30.01.2023:	10.30 AM to 11.30 AM	AD
MONDAY	11.30 AM to 12.30 PM	UC
31.01.2023:	10.30 AM to 11.30 AM	SC
TUESDAY	11.30 AM to 12.30 PM	AD
01.02. 2023 &	NO	-
02.02.2023	Hons. classes	
04.02.2023:	10.30 AM to 11 AM: CIA*	DD
SATURDAY	11.15 AM to 11.45 AM: CIA	SC
06.02.2023:	10.30 AM to 11 AM: CIA	AD
MONDAY	11.15 AM to 11.45 AM: CIA	UC

CIA\*: Continuous Internal Assessment is a form of Class Test where each Faculty will take an examination based upon their respective completed syllabus. The total marks will be 10 for each such test and the question will be Objective type.

#### 09.01.2023

#### Special Routine for Semester III (H) Students of the Department of Physiology:-

Our Department has been selected as a CU Centre for holding Physiology Honours Practical Examination of Semester V from 30<sup>th</sup> January to 6<sup>th</sup> February 2023. Consequently a Special Routine is being formulated for **PRACTICE OF PRACTICAL PAPERS** and the schedule is tabulated below:

Date	Time	Roll Nos. of Students
16.01.2023:	10.30 AM to 1.30 PM	21-BSC-PHYA-0003, 0015,
MONDAY		0019, 0020, 0021, 0025, 0026.
17.01.2023:	10.30 AM to 1.30 PM	21-BSC-PHYA-0031, 0032,
TUESDAY		0033, 0036, 0037, 0039, 0040.
18.01.2023:	10.30 AM to 1.30 PM	21-BSC-PHYA-0041, 0043,
WEDNESDAY		0044, 0047, 0048, 0050.
20.01.2023 &	10.30 AM to 1.30 PM	RESERVE DAYS (Copy
21.01.2023:		Signatures & other practical
FRIDAY		related discussions)
SATURDAY		

The dates are arranged keeping in mind that from 23<sup>nd</sup> January to 27<sup>th</sup> January 2023 the college will remain closed due to different Holidays & from 30<sup>th</sup> January to 6<sup>th</sup> February 2023 our Department will be the CU Centre for Semester V (H) Practicals. Students are asked to strictly follow the above routine for practice classes.

## 09.01.2023

### Special Routine for Semester V (H) Students of the Department of Physiology:-

Our Department has been selected as a CU Centre for holding Physiology Honours Practical Examination of Semester V from 30<sup>th</sup> January to 6<sup>th</sup> February 2023. Consequently a Special Routine is being formulated for **PRACTICE OF PRACTICAL PAPERS.** The days for your practice will be 20<sup>th</sup>; 21<sup>st</sup> and 28<sup>th</sup> January 2023. (DR. TAMAL DAS)

#### 17.05.24

# <u>Special Routine for Even Semester -Hons. & Major Students- Department</u> of Physiology during the Summer Recess

The Department of Physiology is going to conduct Special Classes during the summer recess for the even-semester students to complete the respective syllabi. The said classes will be held from 16<sup>th</sup> May – 22<sup>nd</sup> May 2024 initially. Since the College will be taken over by the Central Forces for the upcoming Lok Sabha Elections from 26<sup>th</sup> May to 4<sup>th</sup> June 2024, the remaining classes will be taken after 4<sup>th</sup> June 2024. The routine for the latter will be given at a later date. All students are asked to follow the routine and attend the classes accordingly.

(DR. TAMAL DAS) HOD, Physiology

# **Special Routine for Even Semester from May 20-22, 2024 during the summer recess**

DAY		10.30-	11.30 AM -	12.30 -	1.30 -	2.30-	3.30-
		11.30 AM	12.30 PM	1.30 PM	2.30 PM	3.30 PM	4.30 PM
Thursday	Sem IV H	AD	AD	UC	-	-	
16.05.2024	Sem VI H	RA	UC	AD	AD	-	
Friday	Sem IV H	PK	RM	RM	-	UC	TD
17.05.2024				(up to 1 pm)			
	Sem VI H	AD	RA	SC	UC	-	-
Saturday	Sem VI	-		TD/ I	RM Practica	ıl	
18.05.2024							
Monday	Sem II	AD	DD	RM	RM	-	-
20.05.2024	Major						
	Sem IV H	RM	RM	UC	AD	DD	-
	Sem VI H	UC	AD	RA	DD	-	-
Tuesday	Sem II	PK	AD	TD	SC	RM	-
21.05. 2024	Major						
	Sem IV H	TD	SC	AD	RM	UC	-
	Sem VI H	AD	UC	SC	TD		-
	IDC					TD	
Wednesday	Sem II	DD	TD	SC	-	-	-
22.05.2024	Major						
	Sem IV H	PK	SC	DD	TD	-	-
	Sem VI H	TD	DD	-	SC	-	-
	IDC			TD		-	-

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200000		DEPARTMENT OF PHYSIOLOGY									
DAY	STREAM	10.30 AM-11.30 AM 11.30 AM-12.30 PM		12 30 PM -1 30 PM 1 30 PM-2 30 PM		2 30 PM-3 30 PM	3 30 PM-4 30 PM				
	II SEM-HMJ	PHYM ( ) 201			PHYM PR ( )	LAB	ENVS-SC (	)			
							COM H CVAC (				
	II SEM-MDC& MINOR			MPHY( ) 301	MPHY PR ( )		ENVS-SC (	)			
	IV SEM-H	PHYA PRAC ( )-		PHYA( ) LAB		PHYA SEC ( ) 201"					
MONDAY	IV SEM G			PHYG( ) 201			Si .				
	VI SEM-H						i i				
	VI SEM-G		J.			i.					
	II SEM-HMJ	I		PHYM SEC ( ) 201			CVAC-SC(	)			
	II SEM-MDC& MINOR	MPHY( ) 304			PHYG IDC ( ) 303	COM G CVAC ( ) 302	CVAC-SC(	)			
	IV SEMH	PHYA ( ) 201	PHYA ( ) 201	PHYA PRAC( )	LAB						
TUESDAY	IV SEM G	PHYG ( ) 202	PHYG SEC ( )302	10 10 10							
	VI SEM-H	PHYA ( ) LAB	PHYA ( ) LAB	PHYA( ) LAB	PHYA PRAC( )	LAB					
	VI SEM-G			PHYG( ) LAB	PHYG PRAC ( )	LAB					
	II SEM-HMJ	PHYM SEC PR( )		PHYM( ) LAB		CVAC-ARTS( ) FF2	ENVS-SC (	)			
	II SEM-MDC& MINOR		T		PHYGIDC PR ( ) LAS		ENVS-SC (	j			
	IV SEM-H			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-			
WEDNESDAY	IV SEM G										
	VISEMH	PHYA ( ) 201	PHYA ( ) 201	PHYA( ) 201	PHYA ( ) 201	PHYA PRAC ( )		-U			
	VI SEM-G	PHYG ( ) 301	201	, and	1			-			
	II SEM-HMJ	PHYM SEC ( ) 303					CVAC-SCI	):			
				PHYGIDC ( ) 305				-			
	II SEM-MDC& MINOR		MPHY( ) LAB	CVAC-ARTS( ) 302	CVAC-ARTS( ) 302		CVAC-SCI	1			
	IV SEMH	PHYA ( ) 201	PHYA ( ) 201	PHYA( ) 201	CVACANTOT 13VE		01110 001	1			
THURSDAY	IV SEM G	1 201	1 201	PHYG SEC ( ) 202				_			
monoun i	VI SEMH	PHYA PRAC (	LAB	PHYA PRAC ( )—	LAB			_			
	VI SEM-G	COLA FINAU	T 26	THAT I				_			
	II SEM-HMJ		<del> </del>			COMHICVAC ( ) 305		_			
	II SEM-MDC& MINOR		<u> </u>			COMMITTEE / JOS		_			
	IV SEMH	PHYA PRAC( )	L	LAB		PHYA( ) LAB	PHYA ( )	L			
FRIDAY	IV SEM G	PHYG PRAC( )-	LAB	1		THERE ! LAD	GIUAL 1	Su!			
PRIDAT	VI SEM-H	PHYA ( ) 201	TPHYA ( ) 201	PHYA( ) 201	PHYA ( ) 201	PHYAPR( )		U			
	VI SEM-G	PHYG ( ) 201	PHYG PR ( )		TRUM / ZVI	THIAFKI /		4/			
	VIGENING	rnio( ) 201		ENG AEC ( ) 302		i -	-	_			
-	II SEM-HMJ		PHYM ( ) 202	CVAC ARTS ( ) 305	ENG AEC ( ) 302	ė i		_			
	II SEM-MDC8, MINOR		DESCRIPTION PROPERTY	ENG AEC ( ) 302	ENG AEC ( ) 302	COM G CVAC ( ) 302	-	_			
	IV SEM-H	PHYA PR ( )	LAB	PHYA( ) LAB	PHYA SEC ( ) 106	COMIC CVAC ( ) 302	-	_			
SATURDAY	IV SEMEN	rnia fik ( )	TPHYG ( ) 301	PHYA( ) LAB							
ON TURDAT	7,4 344037.50										
	VI SEM-H		PHYA ( ) LAB	PHYAPR( )	LAB			_			
MI 2TU 200 F	VI SEM-G II MDC TH-3+PR-2=5	11.01/4.0~10	M/H 0 TH 0 DO-40	NO 2 TH J OD-7	VI H-12 TH +12 PR =24			_			
	R=4   IDC-TH2+PR-2		N H-9 TH-9 PR=18 N H SEC=2	N G-3 TH 4 PR=7 N G SEC=2	VI H-12 TH +12 PK=24 VI G-3 TH +4 PR=7	TOTAL =88					