

**2021**

**PHYSIOLOGY — HONOURS**

**Paper : DSE-A-4**

**(Community and Public Health)**

**Full Marks : 50**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**Group - A**

1. Answer **any five** questions : 2×5
- (a) What is overnutrition?
  - (b) What do you mean by family planning?
  - (c) Mention the social impact of iodine deficiency.
  - (d) Define assisted reproductive technology.
  - (e) What are the characteristic signs and symptoms of Rickets in children?
  - (f) Name the causative agents of Rabies.
  - (g) What is Xerophthalmia?
  - (h) Name the carriers of swine flu.
  - (i) Name the foods which are to be included in the diet to manage iron deficiency anemia.
  - (j) Name the modes of transmission of Cholera.

**Group - B**

2. Write short notes on **any two** : 5×2
- (a) Immunization
  - (b) Protein Calorie Malnutrition
  - (c) Japanese Encephalitis
  - (d) Diet Management of Athletes.

**Group - C**

3. Answer **any three** questions : 2+6+2
- (a) (i) What do you understand by community health?
  - (ii) Discuss briefly about some of the major community health issues in India.
  - (iii) What are communicable diseases?

**Please Turn Over**

- (b) Discuss briefly the dietary approaches that should be taken for the management of :
- (i) hypertensive and (ii) diabetic individuals. 5+5
- (c)
- (i) Justify why India's geographic position and climatic conditions are favourable for the transmission of malaria.
  - (ii) Discuss the different vector control strategies used to control malaria in endemic areas in India.
  - (iii) Write about the measures for prevention of AIDS. 4+4+2
- (d)
- (i) Discuss the causes of infertility in women as well as men.
  - (ii) What are the assisted reproductive techniques used to overcome the problem of infertility. (3+3)+4
- (e)
- (i) What is viral hepatitis?
  - (ii) Discuss the mode of transmission of Hepatitis B infection.
  - (iii) What are the different measures available for the prevention of Hepatitis B infection? 2+4+4
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