

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

Answers may be given either in English or in Bengali but all answers must be in one and same language.

1. Answer any four questions :-

- Briefly describe the anatomy of conduction system of heart.
- Describe the cardiac cycle with different phases.
- Describe the biochemistry of Neuro Muscular conduction.
- Describe the pathophysiology of bronchial asthma.
- Microbiological diagnosis of Dengue Infection.
- Common oral hypoglycemic drugs - enumerate. (OHA)

10 x 4

2. Answer any four questions :-

- Describe coronary circulation.
- Common causes of hyponatremia.
- What is stem cell ? How stem cells can help in diseases ?
- How resistance pattern is transferred from one pathogen to other pathogen ?
- What are the important features of hanging ?
- Common drugs used in Acid Peptic Disease.

10 x 4

3. Answer any four questions :-

- Common causes of cerebro vascular accident ? Describe briefly about prevention and rehabilitation.
- Definition of inflammation and enumerate common inflammatory disorders ?
- What are types of Immunological Disorders ? (Name some Immunomodulators used in Common Diseases.)
- Classify ante hypertensives with examples.
- Enumerate the differences between bronchial asthma and cardiac asthma.
- Common poisoning in rural bengal - names and initial management of organophosphorous poisoning.

10 x 4

4. Answer any four questions :-

- Enumerate common antiepileptics. Side effects of carbamazepine ?
- What is DOTs therapy ? What are the drugs used ?
- Enumerate the types of Malaria infection. Name complications of Falciparum Malaria. (Plasmodium Falciparum).
- Common causes of Blindness in India ? How to prevent blindness ?
- Enumerate the small muscles of hand.
- What are Lepra Reactions ?

10 x 4

5. Answer any four questions :-

- (a) Enumerate different cyber crimes in India and abroad.
- (b) Enumerate common bone disorders in India. What are the preventive strategies ?
- (c) What immunological and biochemical parameters to be assessed before organ transplantation ?
- (d) When to declare brain death ? What are the basic precautions necessary ?
- (e) When to call something as Multi Drug Resistant (MDR) Tuberculosis ? How to manage MDR Tuberculosis ?
- (f) How to approach an unconscious patient ?

10x4

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