

## MEDICAL SCIENCE – PAPER-II

Time Allowed : 3 Hours

Full Marks : 200

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 written either in English or in Bengali but all answers must be in one and the same language

1. Write short notes on any four of the following :-

- Clinical Spectrum, complication and antibiotics of choice in Gonorrhoea.
- Give the flow chart for Management of urethral discharge in man.
- Outline briefly key population in India affected from HIV.
- What are the common symptoms of heart attack? What medications are commonly recommended? What are common interventions may be required?
- Ebola Virus disease - its public Health significance countries affected and prevention of ebola virus disease.
- A 36 yrs. old woman in her 32nd week of pregnancy has come with bleeding per vagina. What is the differential diagnosis. Enumerate steps in management of any of the causes

10x4

2. Outline the management of any four of the following :-

- Outline briefly the initial management of Burns - do's and don'ts
- Snake bite - antivenom treatment and initial care.
- What are the signs and symptoms of intestinal obstruction. What will be the line of management in the Primary Health centres.
- What are the common domestic accidents? What first AID treatment you will recommend for a person just drowned in pond.
- What are the causes of acute suppurative otitis media? How will you treat and prevent complication?
- What are the signs by which you will diagnose child aged 6 months as Acute Respiratory Infection - What will be treatment you will recommend as per IMNCI guideline to the child.

10x4

3. Briefly explain any four of the following :-

- Toxic Shock Syndrome.
- Severe acute respiratory syndrome (SARS)
- The first line of Antitubercular drugs.
- Carriers in cholera.
- Scheme of treatment of Vivax Malaria (P.Vivax)
- Describe the causes of Anemia. What are the investigations to confirm the diagnosis (WHO Guideline)?



4. Differentiate any four of the following :-
- (a) Case Control and Cohort Study.
  - (b) Salk Vaccine and Sabin Vaccine.
  - (c) Epidemic and endemic.
  - (d) Primary Health Centre and Community Health Centre.
  - (e) UNICEF and WHO.
  - (f) Active and Passive immunisation.

10x4

5. Enumerate any eight of the following :-
- (a) Intrauterine devices.
  - (b) Use of condoms.
  - (c) Couple protection rate.
  - (d) Demographic cycle.
  - (e) Relative risk.
  - (f) Composition of reduced Osmolarity ORS.
  - (g) Vaccines to be given at birth as per National Schedule.
  - (h) Exclusive breast feeding practices.
  - (i) **Manure pit.**
  - (j) Antityphoid vaccine.
  - (k) Kangaroo Mother Care.
  - (l) Food and Agricultural Organisation (FAO).
  - (m) Neonatal **Mortality rate.**
  - (n) Nutritional Services in School health.

5x8

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**For guidance of WBCS Prelims , Main Exam and Interview by WBCS Gr A Officers/ Toppers, WBCS Prelims and Main Mock Test (Classroom & Online), Optional Subjects, Studymaterials, Correspondence Course etc.Call WBCSMadeEasy™ at 9674493673 or mail us at [mailus@wbcsmadeeasy.in](mailto:mailus@wbcsmadeeasy.in)**