Paper II - General & Disease Specific Epidemiology, National Health Programs,
Disaster Management & Emergency Care and Demography & Vital Statistics

Date: 20/01/2021
Time: 02.00 pm to 04.00 pm
Total Marks - 60

Q.1. Multiple Choice Questions. (All Ten questions are compulsory).   1×10 = 10 marks

1. Vector for Dengue virus is-
   a) Anopheline mosquito
   b) Culex
   c) Aedes aegypti
   d) Mansonia

2. What should you do to help someone who is choking?
   a) Help them drink some water to dislodge the object.
   b) Hit them firmly on their back between the shoulder blades.
   c) Encourage them to breath through their nose.
   d) Breath rapidly.

3. Which supplement is recommended during an episode of Diarrhea?
   a) Vitamin A
   b) Vitamin C
   c) Zinc
   d) Vitamin B12

4. WHO day is celebrated on _____.
   a) 7th October
   b) 7th April
   c) 11th July
   d) 7th December

5. DOTS plus is a treatment for _____.
   a) New TB case
   b) Defaulter TB case
   c) MDR TB
   d) XDR TB

6. What does the 'A' stand for in the acronym ABC?
   a) Accident
   b) Airway
   c) Ambulance
   d) Alert

7. Intra muscular 5 dose vaccination for Rabies is administered on _____.
   a) Day- 1,3,5,7,14
   b) Day- 0,3,7,14,28
   c) Day- 0,3,5,14,21
   d) Day-1,2,3,4,5

8. Epidemiological triad consists of _____.
   a) Host
   b) Environment
   c) Disease Agent
   d) All of above

9. First case of COVID-19 detected in Mumbai -
   a) 1st April 2020
   b) 12th Dec 2019
   c) 11th March 2020
   d) 10th Oct 2020

10. An epidemic that becomes usually widespread and even global in its reach is referred to as a -
    a) Pandemic
    b) Hyperendemic
    c) Epidemic
    d) Spanish Flu

Q. 2. Answer in one or two sentences.   (Any five)   **2×5=10 marks**

   a) What is Body Mass Index (BMI)? Write formula for BMI?
   b) List the modes of transmission of Hepatitis B.
   c) Name the colour code system used in Triage.
   d) Define First Aid.
   e) What is Census?
   f) What is droplet infection? Give one example.
   g) What is "Sanitation Barrier"?

Q. 3. Write three Difference of each -   (Any Three)   **3×3=9 marks**

   a) Primary Prevention and Secondary Prevention
   b) Active and Passive Immunity
   c) IMR and MMR
   d) Latent TB Infection and Active TB infection
   e) Water borne transmission and Air borne transmission

Q. 4. Write short notes - (Any Three)   **5×3=15 marks**

   a) Disaster Cycle.
   b) Preventive measures for COVID-19.
   c) Modes of Transmission for communicable diseases.
   d) First AID of patient with hand bleeding.
   e) Household control measures for malaria.

Q. 5. Write in brief -   (Any Two)   **8×2=16 marks**

   a) Risk factors and Preventive measures of Diabetes Mellitus.
   b) Occupational Hazards.
   c) Discuss Infective agent and preventive measures for TB.

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