(6 pages) **Reg. No. :**.....

Code No. : 30402 E **Sub. Code : CNZO 41**

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2025.

Fourth Semester

Zoology

Non Major Elective – PUBLIC HEALTH AND HYGIENE

(For those who joined in July 2021 and 2022 only)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Which of the following is a key aspect of mental health?
   (a) Physical fitness (b) Social well-being
   (c) Emotional stability (d) All of the above

2. Which international organization tracks global quality of life through surveys and indices?
   (a) World Health Organization
   (b) United Nations
   (c) International Monetary Fund
   (d) World Bank

3. Choose the disease which is caused by Ascaris?
   (a) ascariasis (b) mycosis
   (c) filariasis (d) protozoan disease

4. What is the primary purpose of good ventilation in buildings?
   (a) To reduce noise levels
   (b) To circulate fresh air and remove pollutants
   (c) To increase humidity levels
   (d) To maintain constant indoor temperature

5. What is the most important health concern associated with improper disposal of excreta?
   (a) Noise pollution
   (b) Air pollution
   (c) Spread of waterborne
   (d) Increased humidity

6. Which of the following is the proper fist aid for an accident?
   (a) Move the injured person immediately to a safer area
   (b) Check for responsiveness and breathing, then call for emergency help if needed.
   (c) Give the injured person food and water right away
   (d) Apply any medication available to the wounds.

7. What is the causative agent of typhoid fever?
   (a) *Vibrio cholerae* (b) *Escherichia coli*
   (c) *Myccobacterium* (d) *Salmonella typhi*

8. What is the primary organ affected by tuberculosis?
   (a) Liver (b) Lungs
   (c) Heart (d) Kidneys

9. Which health problem is primarily linked to poor sanitation and unsafe drinking water?
   (a) Diarrheal diseases
   (b) Cardiovascular diseases
   (c) Osteoporosis
   (d) Asthma

10. PHCs are primarily intended to provide healthcare in which areas?
   (a) Urban cities
   (b) International regions
   (c) Rural and semi-urban areas
   (d) Coastal areas only

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Explain the positive health.

Or

(b) Outline the role of balanced diet in good health.

12. (a) Write the disease and symptoms caused by Ascaris.

Or

(b) Outline an importance of standard of housing in good health.

13. (a) Explain the problems associated with an improper excreta disposal.

Or

(b) Outline the sanitary measures during the festivals.

14. (a) Outline the causative agent and symptoms of filariasis.

Or

(b) Explain the symptoms and control measures of typhoid.

15. (a) Outline the common health problems found in India.

Or

(b) Write a note on National tuberculosis control programme.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Elaborate the various birth control measures.

Or

(b) Discuss the causes and problems of population explosion in India.

17. (a) Discuss the causative agent, symptoms and control measures of Cholera.

Or

(b) Discuss the various sources of water.

18. (a) Explain the importance of excreta disposal.

Or

(b) What type of first aid will give for the person met bus accident.

19. (a) Outline the causative agent, symptoms and control measures of AIDS.

Or

(b) Outline the causative agent, symptoms and control measures of amoebiasis.

20. (a) Discuss the role of primary health centers.

Or

(b) Elaborate the aim and objectives of National Malaria eradication programme.

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