

U.G. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2023

Fourth Semester

Zoology

Non Major Elective – PUBLIC HEALTH AND  
HYGIENE

(For those who joined in July 2017-2020)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answers.

1. People who have positive psychological well-being may be more likely to
  - (a) exercise
  - (b) eat a healthy diet
  - (c) avoid smoking
  - (d) all the above

7. Rabies is an incurable virus that attacks the brain and spinal cord., including \_\_\_\_\_ can catch rabies.
  - (a) humans
  - (b) dogs
  - (c) cow
  - (d) all the above
8. People who drink contaminated water or eat food washed in contaminated water can develop \_\_\_\_\_.
  - (a) typhoid fever
  - (b) malarial fever
  - (c) cold fever
  - (d) all the above
9. The term "health problem" means a disease or \_\_\_\_\_.
  - (a) medical ailment
  - (b) environmental problem
  - (c) disposal of hospital wastes
  - (d) all of the above
10. HIV infection in humans came from a type of chimpanzee in
  - (a) Central Asia
  - (b) Central Africa
  - (c) Central America
  - (d) Central Austria

2. Nutrition is one of the key processes of obtaining energy from.
  - (a) food
  - (b) vegetable
  - (c) fruits
  - (d) all the above
3. Natural sources of fresh water include surface water
  - (a) under river flow
  - (b) groundwater
  - (c) frozen water
  - (d) all the above
4. There are three methods that may be used to ventilate a building: natural, and hybrid (mixed-mode) ventilation.
  - (a) physical
  - (b) mechanical
  - (c) chemical
  - (d) none of the above
5. What are the different forms of excretion?
  - (a) Ammonotelism
  - (b) Ureotelism
  - (c) Uricotelism
  - (d) All the above
6. A bacterium called \_\_\_\_\_ causes cholera infection.
  - (a) Vibrio cholerae
  - (b) Diarrhoea
  - (c) E.coli
  - (d) All the above

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) How are physical social and mental health all connected?  
Or  
(b) What is the rank of India in quality of life?
12. (a) What are the environmental uses of water? How does water affect the environment?  
Or  
(b) Enumerate the transmitting and prevention methods of cholera.
13. (a) Write about excreta disposal of different methods.  
Or  
(b) How can problem of sanitation be solved in an area?
14. (a) What are the factors caused to filariasis?  
Or  
(b) Which protozoan parasite causes amoebiasis?



15. (a) Describe the various principles of primary health care.

Or

(b) What is the strategy of malaria control in India?

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Why food hygiene and sanitation is important - Discuss.

Or

(b) How is birth control measured? Which birth control method is best in India?

17. (a) Can ascariasis be transmitted from person to person? How is ascariasis transmitted?

Or

(b) What are the basic principles of good housing?

18. (a) Describe the first aid procedure in the case of an accident.

Or

(b) Discuss about the excreta disposal and its effect on environment.

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19. (a) Explain the various symptoms and treatment of tuberculosis.

Or

(b) What is the cause, symptoms and prevention of rabies?

20. (a) When was National AIDS Control Programme launched in India what are its aim?

Or

(b) What is the importance and major of environmental health and sanitation?

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