

Reg. No. :

**Code No. : 30724 E Sub. Code : JNZO 4 A/
SNZO 4 A**

U.G. (CBCS) DEGREE EXAMINATION, APRIL 2021.

Fourth Semester

Zoology

Non-Major Elective

PUBLIC HEALTH AND HYGIENE

(For those who joined in July 2016 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. Kwashiorkor is due to the deficiency of
 - (a) Protein
 - (b) Carbohydrate
 - (c) Lipid
 - (d) Mineral

2. Botulism is caused by
- (a) Bacteria (b) Virus
(c) Fungi (d) Protozoa
3. The satisfactory method of purifying water for house hold purposes is
- (a) Filtration (b) Boiling
(c) Chlorination (d) Ozonation
4. Vitamin 'C' deficiency causes the disease
- (a) Beriberi (b) Scurvy
(c) Kerato malacia (d) Rickets
5. When the wind blows through a room is called
- (a) Perflation (b) Aspiration
(c) Inspiration (d) Expiration
6. The food which is necessary for the body growth is _____.
- (a) Fast food (b) Junk food
(c) Balanced diet (d) Blend food

7. The vector for malarial fever is
- (a) Culex (b) Female anopheles
(c) Aedes (d) Male anopheles
8. National Tuberculosis Programme (NTP) has been in operation since
- (a) 1962 (b) 1952
(c) 1972 (d) 1982
9. National AIDS control programme was launched in
- (a) 1988 (b) 1987
(c) 2000 (d) 1985
10. Which one of the following is an indicator of faecal pollution in water?
- (a) Streptococci
(b) Flavo bacterium
(c) Clostridium
(d) Saccharomyces

PART B — ($5 \times 5 = 25$ marks)

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

Each answer should not exceed 250 words.

11. (a) Write an account on food toxicants.

Or

- (b) Write briefly the air borne diseases.

12. (a) Describe the necessity of first aid with reference to accident.

Or

- (b) Write about the sanitary health measure, during fairs and festivals.

13. (a) Describe the life cycle of filarial worm.

Or

- (b) Write about the bacterial diseases.

14. (a) Write about the Viral Hepatitis-B.

Or

- (b) “Excreta is a source of Infection” — Discuss.

15. (a) Describe the National Malaria Eradication Programme (NMEP).

Or

- (b) Explain the National Tuberculosis Eradication Programme (NTEP)

PART C — ($5 \times 8 = 40$ marks)

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

Each answer should not exceed 600 words.

16. (a) Describe the birth control measures.

Or

- (b) Describe the standards and human requirements in a house for health living.

17. (a) Explain the mode of transmission of AIDS.

Or

- (b) Describe the role of Primary Health Centre (PHC) in India.

18. (a) Write in detail the physical and mental qualities of life index.

Or

- (b) Write an essay on positive health.

19. (a) Describe the mode of transmission, prevention and control measures of hookworm.

Or

- (b) Describe the mode of transmission, prevention and control measures of Rabies.

20. (a) Describe the causes of population explosion in India.

Or

- (b) Discuss the different types of waste disposal systems in India.