

(6 pages)

Reg. No. : .....

**Code No. : 11649 E    Sub. Code : JNZO 4 A/  
SNZO 4 A**

U.G. (CBCS) DEGREE EXAMINATION, APRIL 2019.

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. Vitamin – 'C' deficiency causes the disease  
(a) Beriberi                      (b) Scurvy  
(c) Kerato Malaria              (d) Rickets
2. \_\_\_\_\_ is a water borne disease.  
(a) Cholera                      (b) Influenza  
(c) Aids                          (d) Polio

3. Which one is the main source of water?

(a) Pond                      (b) Well  
(c) Rain                      (d) Stream

4. Botulism is caused by

(a) Bacteria                      (b) Virus  
(c) Fungi                      (d) Protozoa

5. Which one of the following is an indicator of faecal pollution in water?

(a) Streptococci                      (b) Flavo bacterium  
(c) Clostridium                      (d) Saccharomyces

6. \_\_\_\_\_ should be banned in festivals.

(a) Shops  
(b) Alcohol consumption  
(c) Toilets  
(d) Police

7. Amoebiasis is a \_\_\_\_\_ disease.

(a) Protozoan                      (b) Viral  
(c) Bacterial                      (d) Fungal

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8. One of the following is the fore runner of non-service type latrine

- (a) Pit latrine (b) Bore hole latrine  
(c) Water seal latrine (d) All of these

9. National AIDS control programme was launched in

- (a) 1988 (b) 1987  
(c) 1992 (d) 1985

10. Records maintained in Primary health centers are

- (a) Birth record (b) Death record  
(c) Service record (d) All of these

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Write an account on various dimensions of health.

Or

(b) Describe bacterial food toxicants.

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

Or

(b) Describe the uses of water.

13. (a) "Excreta is a source of infection" – Discuss.

Or

(b) Write a short note on food sanitation for fairs and festivals.

14. (a) Highlight the causative organism, mode of infection, impacts, and treatment of Tuberculosis.

Or

(b) Comment on Typhoid.

15. (a) Mention the social aspects of excreta disposal in India.

Or

(b) Explain the life saving measures in an accident.

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**PART C — (5 × 8 = 40 marks)**

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

Each answer should not exceed 600 words.

16. (a) Explain the factors influencing population explosion.

Or

- (b) Explain the guidelines to be followed for food hygiene.

17. (a) Write any two water borne diseases and add a note on the causative agent, control measures and treatment.

Or

- (b) Define first aid. What are the needs of first aid in an accident?

18. (a) Explain the different methods of excreta disposal exists among people.

Or

- (b) Write in detail the physical and mental qualities of life index.

19. (a) Describe the causative agent, pathogenesis and control measures of filariasis.

Or

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

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20. (a) Explain the components of National malaria eradication programme.

Or

- (b) Write an account on primary Health care of India.
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