

(6 pages)

Reg. No. :

Code No. : 20271 E Sub. Code : SNZO 4 A/
- ANZO 41

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

Fourth Semester

Zoology

Non-Major Elective – PUBLIC HEALTH AND
HYGIENE

(For those who joined in July 2017 – 2020 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL the questions.

Choose the correct answer :

1. One egg yields about _____ of energy.
(a) 50 Kcal (b) 60 Kcal
(c) 70 Kcal (d) 80 Kcal
2. The suggested doctor-population ratio in India
(a) 1 per 1000 people
(b) 1 per 3000 people
(c) 1 per 3500 people
(d) 1 per 4000 people

8. The best method to prevent pulmonary tuberculosis is _____.
(a) Case Isolation
(b) Treatment of cases
(c) BCG Vaccination
(d) Chemoprophylaxis
9. PHC was introduced as a result of _____ report.
(a) Mudaliar
(b) Kartar Singh
(c) Planning commission
(d) Bhole committee
10. The national TB control programme is implemented through
(a) PHC
(b) UHC
(c) District TB Hospital
(d) All of the above

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3. Which of the following is not a type of waste water?
(a) Sullage (b) Sewage
(c) Grey water (d) Black water
4. Water is to be treated if its hardness is more than
(a) 1 meq/L (b) 3 meq/L
(c) 5 meq/L (d) 100 meq/L
5. Controlled tipping is an effective method for the disposal of
(a) Sewage (b) Sullage
(c) Human excreta (d) Refuse
6. The sewage is said to be strong when its BOD is about
(a) 50 ppm (b) 100 ppm
(c) 150 ppm (d) 300 ppm
7. Which one of the following is a water borne disease?
(a) Influenza (b) Small Pox
(c) Malaria (d) Cholera

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PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Explain about the Vasectomy.
Or
(b) Explain human development Index with reference to India.
12. (a) Illustrate the scientific features of Bacillary dysentery.
Or
(b) Describe the Ascariasis.
13. (a) Write a short note on food sanitation for fair and festivals.
Or
(b) How does the authority control infectious disease during fair and festival?
14. (a) Give an account on Protozoan disease of Amoebiasis.
Or
(b) Explain the structure of rabies virus.

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[P.T.O.]

15. (a) Write a brief account of the national tuberculosis control programme.

Or

- (b) Comment on WHO.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Write a detailed account on positive health.

Or

- (b) Define quality of health index.

17. (a) How do you maintain houses for healthy living?

Or

- (b) Give a detailed account of human requirements for long living.

18. (a) Explain the pit latrines and pore hole latrines.

Or

- (b) Explain the social aspects of excreta disposal in India.

19. (a) Define communicable diseases. Explain the Hepatitis B disease.

Or

- (b) Write a detailed account of typhoid fever.

20. (a) Explain the national health Programme currently practiced in India.

Or

- (b) Give the activities of the National AIDS control Programme.