E 1966 (Pages : 2) Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2021

Sixth Semester

Choice Based Core Course—NUTRITION, COMMUNITY HEALTH AND SANITATION

[Common for B.Sc. Zoology Model I, Model II, and B.Sc. B.T. and S.P.]

(2013—2016 Admissions)

Time : Three Hours Maximum Marks : 80

Part A

Answer **all** *questions.*

Each question carries 1 *mark.*

1. What is balanced diet ?
2. What are carcinogens ? Give examples.
3. What is anaphylaxis ?
4. Name the common water borne diseases.
5. What is angina ?
6. Name the fat soluble vitamins.
7. What is metastasis ?
8. What are the major components of psychoneuroimmunology ?
9. What is filariasis ?
10. What is tetany ?

(10 × 1 = 10)

Part B

Answer any **eight** *questions.*

Each question carries 2 *marks.*

11. What is meant by emerging pathogens ?
12. What is BMI ?
13. What are the benefits of physical activity ?
14. What is meant by malnutrition ? / What is meant by deficiency disease ? Give two examples.
15. What are trickling filters ?
16. Write an account on the food poisoning caused by toxins produced by microbes.

Turn over

17. What are the main aims of first aid ?
18. How do you determine the caloric intake ?
19. What is leptospirosis ? Give its control measures.
20. Comment on hepatitis A.
21. Differentiate between dengu fever and chikungunya.
22. What is relaxation yoga ?

(8 × 2 = 16)

Part C

Answer any **six** *questions.*
Each question carries 4 *marks.*

23. Explain vermicomposting and its advantages.
24. How do you determine the sanitary quality of drinking water ?
25. Briefly explain the health education activities at community level.
26. Briefly explain the modern life style diseases.
27. What are the effects of exercise on breathing ?
28. Name the common food borne diseases and comment on their preventive measures.
29. Explain the dangers of alcoholic and drug abuse.
30. What is health and safety in a work place ?
31. Explain the methods of prevention of water borne diseases.

(6 × 4 = 24)

Part D

Answer any **two** *questions.*
Each question carries 15 *marks.*

32. Write an essay on causes and preventing measures of obesity. Add a note on the role of diet and exercise on obesity.
33. Explain the effects of exercise on body systems.
34. Discuss on theories of ageing. Add a note on cellular changes with ageing.
35. Write an essay on potable water quality monitoring and waste water.

(2 × 15 = 30)