

TB142300C

Reg. No:.....

Name:.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2018
(2014 Admission – Supplementary)
SEMESTER II - FAMILY AND COMMUNITY SCIENCE (HOME SCIENCE)
HSC2HPM - HUMAN PHYSIOLOGY AND MICROBIOLOGY

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark

1. What is Grams stain.
2. Write a note on Autoclave.
3. Importance of yeast
4. Comment on Food adulteration.
5. What is tidal volume?
6. Write a note on haemoglobin?
7. What is micturition?
8. Write a note on mitosis.

(8x1=8)

PART B

II. Answer any six questions. Each question carries 2 marks.

9. Comment on Consumer Protection Act?
10. Economic importance of Fungi.
11. Classify microorganisms.
12. Explain briefly the agents of disinfection.
13. How are diseases transmitted?
14. Write a note on the layers of the blood vessel wall.
15. Write a note on inspiration and expiration.
16. List the functions of bile..
17. What is Rh incompatibility?
18. Write a note on heart sounds?

(6x2=12)

PART C

III. Answer any four questions. Each question carries 4 marks

19. Explain the types of Culture media?
20. Explain the causative factors and symptoms of Typhoid?
21. What are food contaminants?
22. Discuss on internal and external respiration?
23. Discuss the digestion of lipids?
24. Explain the process of urine formation?

(4x4=16)

PART D

IV. Answer any two questions. Each question carries 12 marks

25. Discuss the types of Food Poisoning.
26. Explain the Primary and Secondary defence mechanisms of the body?
27. Write an essay on the structure of the human digestive system?
28. Explain the anatomical considerations of the human heart and properties of cardiac muscles?

(2 x12=24)