

TB141280

Reg. No:

Name:

B.Sc.DEGREE (C.B.C.S.S) EXAMINATION, NOVEMBER 2014
B.Sc. HOME SCIENCE – FIRST SEMESTER
HSC1MHAFS- CORE COURSE 1 (FOR B.Sc.FAMILY AND COMMUNITY SCIENCE)
METHODOLOGY OF HOME SCIENCE AND APPLIED FOOD SCIENCE

Time: 3 Hours

Maximum Marks: 60

Part A (Short Answer Questions)

Answer **all** questions. Each question carries 1 mark.

1. What is Syneresis?
2. Define Home Science.
3. What are Phytochemicals ?
4. List the characteristics of research
5. What is Capsaicin?
6. What is hydrogenation?
7. What is Evaporated milk?
8. Define organic food.

(8x1=8)

Part B (Brief Answer Questions)

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

9. Distinguish between primary and secondary data.
10. What is lathyrism?
11. What are the changes of starch while applying dry heat?
12. Write any four properties of fats.
13. Write the difference between a questionnaire and a schedule.
14. List the scope of Home Science
15. Discuss the changes in fruits during ripening
16. Brief on any four functional properties of starch

(P.T.O)

17. Classify foods based on predominant function.

18. List the reasons for cooking food.

(6x2=12)

Part C

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

19. Differentiate between amylose and amylopectin.

20. Explain the different stages in egg white foam formation.

21. What is simple random sampling? List the merits and demerits.

22. How will the study of Home Science help in development of a community?

23. Write a note on Textured Vegetable Protein

24. Explain the term denaturation. List the factors that affect denaturation

(4x4=16)

Part D

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

25. Enumerate the different methods of collecting data.

26. Explain the different stages of sugar cookery emphasizing its applications.

27. Explain the different types of browning reactions seen in foods.

28. Write an essay on fish under the following heads:

(a) Classification (b) Composition (c) Nutritive value

(2x12=24)

