

17U156

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Name:

Reg. No.....

FIRST SEMESTER B. Sc DEGREE EXAMINATION, NOVEMBER 2017

(CUCBCSS-UG)

CC17UFT1 B01 - PERSPECTIVES OF FOOD SCIENCE & TECHNOLOGY

(Food Technology - Core Course)

(2017 – Admissions Regular)

Time : Three Hours

Maximum : 80 Marks

PART A

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

Multiple choice questions

1. The endosperm of cereals is surrounded by
a) Aleurone b) Bran c) Embryo d) Shell
2. Lathyragens are present in
a) Rice b) meat c) garlic d) khesari dal
3. Dates are good source of
a) Vit - C b) fat c) protein d) iron
4. Fermented products enhance the availability of
a) Fat b) protein c) glycerol d) Vit - A

Name the following

5. Name one soya product
6. Name one nutraceutical substance.
7. Name one thickening agent.
8. Name one rating test for sensory analysis

Fill in the blanks

9. Carotenoids are _____ soluble colours.
10. _____ has been called the universal solvent

(10x1= 10 Marks)

PART B

Answer any *five* questions. Each question carries 2 marks.

11. Explain functions of food.
12. Give a note on Tofu.
13. Explain different components of food flavor.
14. What is astringency?
15. Write the nutritional importance of fruits.

16. What are probiotics.

17. Write on AFSTI.

(5x2=10Marks)

PART C

Answer any *six* questions. Each question carries 5 marks.

18. Explain the role of Vitamin in human body.

19. Explain the classification of vegetables.

20. List out the points to be considered while selecting fish.

21. Differentiate between ranking test and hedonic scale.

22. Write a short note on functional foods.

23. Give a short note on macro nutrients.

24. Explain the medicinal importance of any five spices.

25. Write a note on Difference Tests

(6x5 = 30 Marks)

PART D

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

26. Explain the structure and Nutritive value of Cereals

27. Discuss in detail about major food research centers in India

28. Describe the role of Food Additives in Food Industry

29. Differentiate the Composition and Nutritive value of Meat and Milk

(2x15 = 30 Marks)
