



B.Sc./3rd Sem/NUT/25(NEP)

2025

3rd Semester Examination (CCFUP : NEP)

NUTRITION

Paper : MJ 4-T (Single Core Major)

(Food Science and Food Commodities)

Full Marks : 40

Time : Two Hours

The figures in the margin indicate full marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *five* questions : $2 \times 5 = 10$

1. Define smoke point and flash point of fat.
2. What is functional food?
3. Mention two nutritional benefits of pulses.
4. Write any two changes that occur in fish during cooking.
5. What is whey protein?
6. Name any two leafy vegetables rich in iron.
7. What is pyrolysis?
8. What are fortified foods?

P.T.O.

(2)

Group - B

Answer any *four* questions :

5×4=20

9. Discuss the nutritional aspects of wheat and rice. 5
10. Explain the effects of heating on fat and its role in cookery. 2+3
11. Describe the effect of germination on pulses. Write the nutritional importance of millets. 3+2
12. Write short notes on composition and types of milk products. 5
13. Write the relation between vegetables and the human immune system. 5
14. Describe the nutritional aspects of dry fruits and nuts. Write about the factors affecting milk coagulation. 3+2

Group - C

Answer any *one* question :

10×1=10

15. Discuss the effect of cooking on water soluble pigment present in fruit and vegetables. Discuss the effect of cooking on meat. (3+3)+4
 16. Explain the different methods of pasteurisation. What is GM food? Give example. Write two benefits of GM food. 5+2+1+2
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