

Nutrition

[NEP]

B.Sc. Third Semester End Examination-2024

PAPER-NUT SEC301T

[Food as Medicine]

Full Marks: 20

Time: 01 Hrs

The figures in the right hand margin indicate marks.

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

Illustrate the answers wherever necessary.

Group A

1) Answer any FIVE questions of the following: 5x2= 10

- a. What do you mean by 'Food Fortification'? Give one example. 1+1
- b. Define the term nutraceuticals. Give one example. 1+1
- c. Define 'Prebiotic' and 'Probiotic'. 1+1
- d. What are the different sources of functional foods 2
- e. What do you mean by 'omics'? Define Nutrigenomics. 1+1
- f. Write the therapeutic function of zn. 2
- g. List the functions of calcium. 2
- h. What do you mean by ultra Processed Foods? Give one example. 1+1

(2)

Group B

2. Answer any TWO questions of the following: 2x5 = 10

- a) List the different functions of nutraceuticals. 5
 - b) Write the role of iodine in thyroid hormone homeostasis with a flow chart. Give the RDA and food source of calcium and phosphorus. 3+2
 - c) List the criteria for selection of food vehicle fortification. Give the composition of 'Double Fortified salt' (DFS). 3+2
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