

Foods Science & Nutrition [P.G.]

[CBCS]

(M.Sc. Fourth Semester End Examinations-2024)

[Regular & Supplementary Paper]

PAPER-404

Full Marks: 40

Time: 02 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: 2x5= 10
- a. What do you mean by 'iceberg of disease'?
 - b. What are the conceptualizations of positive health with example?
 - c. Write the relationship among disease illness and sickness.
 - d. Define vital events with examples.
 - e. Distinguish between infection and infestation.
 - f. What do you mean by age pyramids with reference to age structure?
 - g. What do you mean by combined vaccine with examples?
 - h. What are 'Ayushman Bharat progmmes'?

(2)

Group B

2. Answer any four questions of the following: 5x4= 20

- a. Write the evolution of physical and mental dimensions of health.
- b. What are the different features of 'Incidence rate' and how do you compute the Incidence rate when 600 new cases of dengue suffering individuals in a population of 60000 in the year 2023?
- c. State about the population trends in India in present scenario.
- d. Write the roles and responsibilities of ASHA and DAI workers.
- e. Write the different uses of epidemiology.
- f. Discuss about the different immunization agents with examples.

Group C

3. Answer any one question of the following: 1x10=10

- a. How do you calculate the secondary attack rate and fertility rate? Critically discuss the 'National health Policy of 2017' in contrast 2002. 4+6
 - b. Discuss the different diagnostic features of anaphylaxis. Write the national immunization schedule for pregnant women and infants. 5+5
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