

Nutrition [Honours]

[CBCS]

B.Sc. Third Semester End Examination-2023

(Regular & Supplementary Paper)

PAPER-C5T

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: 5x2= 10

- a) Define antibiotics with examples.
- b) What do you mean by 'YM' shift?
- c) Define incubatory carriers.
- d) Write the difference between Gram positive and Gram negative bacteria.
- e) What do you mean by nosocomial infection?
- f) What do you mean by culture?
- g) What is the pour plate method?
- h) Define binary fission?

(2)

Group B

- 2. Answer any FOUR questions of the following: 4x5 = 20**
- a) Describe the different types of microflora present in skin.
 - b) Write the application of microbiology in different important fields.
 - c) Classify the bacteria depends on flagella with one examples in each case.
 - d) 'Probiotics are the alternatives of antibiotics' – Justify the statement.
 - e) Briefly discuss the streak plate and spread plate method.
 - f) Briefly discuss he bacterial growth curve.

Group C

- 3. Answer any ONE question of the following: 1x10 = 10**
- a) Describe the process of bacteria culture, yeast culture and mold culture. 4+4
 - b) i) What do you mean by 'Eubiosis and Dybiosis'?
ii) Discuss about the normal flora present in Gastrointestinal tract. 4+6
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