

M.VOC. 1ST SEMESTER EXAMINATION-2021

Department of Food Technology and Nutrition, Mugberia Gangadhar Mahavidyalaya)

PAPER- FUNCTIONAL FOODS AND NUTRACEUTICALS (MVFTNMS16T)

[THEORY]

Full Marks: 30 Time: 2 Hours

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

1. Answer any five questions. [2×5=10]
 - a) What are functional foods?
 - b) Define nutraceuticals
 - c) Write four bioactive components in dairy products?
 - d) What is probiotics?
 - e) Write the names of any two Indian herbs consider as functional food.
 - f) Write any two food sources of xenoestrogen.
 - g) Write any two health beneficial effects of lycopene.
 - h) What is lactose intolerance?

2. Answer any two questions. [5×2=10]
 - a) What kinds of problem occurred during iron fortification in food products?(5)
 - b) Write short note on beta-glucan as dietary fiber. (5)
 - c) Describe the effects of nutrients and functional food on PCOD. (5)
 - d) Write about safety concern in food nanotechnology. (5)

3. Answer any one question. [10×1]
 - a) What are the aspects consider during infant food formulation? Differentiate fat substitutes and fat mimetics. (5+5)
 - b) Classify phyto chemicals and write their remedial roles on CVD and cancer. (4+3+3)