

M.Sc. (Home Science) Food Science and Nutrition (Semester—IV) Examination
CURRENT ISSUES IN FOOD AND NUTRITION
Paper—242CI61

Time : Two Hours]

[Maximum Marks : 45

Note :— ALL questions are compulsory and carry equal marks.

1. Write the nutritional requirement in the following conditions :
 - 1.1 Cold climate 2
 - 1.2 During floods 2
 - 1.3 During earthquakes 2
 - 1.4 Children in developing countries. 3
2. Answer any *one* :
 - 2.1 Explain the nutritional regulation of gene expression. 9
 - 2.2 Explain the advantages and disadvantages of genetically modified foods. Give any two researches of G.M. Food. 9
3. Answer in *two* or *three* sentences :
 - 3.1 Special feeding methods in heart diseases. 2
 - 3.2 Holistic approach in treatment of diseases. 3
 - 3.3 Health benefits of functional foods. 2
 - 3.4 Various functional foods. 2
4. Answer any *one* :
 - 4.1 Write the various current food processing technologies used in industry. 9
 - 4.2 Write about various food additives in food industries. 9
5. Write on :
 - 5.1 Food toxins 3
 - 5.2 Anti-nutrients 2
 - 5.3 Goitrogens 2
 - 5.4 Lathyrism. 2

