

B.Tech.
2019
4th Sem.

B.TECH FOOD TECHNOLOGY

IV Semester Examination 2019

Course Code- BFTC-406

Course Title – Functional Foods and Nutraceuticals

TIME: 3 hours

Max. Marks: 70

Note: 1. It is compulsory to answer all the questions of Section-A.

2. Answer any four questions in Section- B.

Section-A

Q1. (a) Write a short note on Nutraceuticals? (3M)

(b) Write a short note on metabolic disorders? (3M)

Q2. (a) Write in brief about the foods recommended for nursing mothers? (3M)

(b) Write a short note on diet in disease conditions of renal problems? (3M)

Q3. (a) Write in brief about Transgenic plant foods? (3M)

(b) Write a short note on infant and baby foods? (3M)

Q4. (a) What do you mean by Antioxidants? What is their role in human health? (3M)

(b) Define PUFA? Enlist some health benefits? (3M)

Q5. Write in brief about the role of Vitamin D in health? (6M)

Section- B (4*10=40)

Q1 Write in detail about probiotics and prebiotics? (10M)

Q2. How nutritional deficiencies can be corrected through fortification and supplementation of foods? (10M)

Q3. Explain the scenario and importance on various functional foods in India? (10 M)

Q4. Enlist various metabolic disorders and give the nutritional requirements for jaundice? (10M)

Q5. Describe role of peptides and proteins in human health? (10M)

Q6. Describe the various health benefits of spices and honey? (10M)