



# AJEENKYA

## D Y PATIL UNIVERSITY

### End Term Examinations (April/May 2019)

**School :** School of Engineering      **Program:** B.Tech. Biotechnology (Food)

**Course:** Nutrition      **Course Code:** BTE310

**Semester:** VI      **Max Marks:** 30      **Duration (mins) :** 90

Note: Attempt all questions.

Q1.(a) What is BMR and give factors affecting BMR. (5)

OR

(b) What is Nutrition? How is it related to health?

Q2. State the factors affecting daily food pattern. (5)

Q3. State the role of food in preventing diseases. Why is health education essential for maintenance of good health? (5)

Q4. a) Define first class protein. What is the role of proteins in human health? (5)

OR

b) What is protein and what are the different types of amino acids? Give their functions and sources.

Q5. Name essential fatty acids. Name substances derived from cholesterol. (5)

Q6. Explain the functions, causes and consequences of deficiency and excessive intake of potassium and sodium. (5)