



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examination (December 2019)

School: School of Engineering

Program: B.Tech. Biotechnology (Food)

Course: Food Process Equipment and Plant Design

Course Code: BTE402

Semester: VII

Max Marks: 40

Duration (mins) : 90

Q 1. Enlist the situations that may give rise to development of new food plant.
[5]

Q 2. What are the methods for sanitation in a food processing plant? [5]

Q.3 Write briefly about the following with respect to food plant development [10]

(Each question carry 2 marks)

- Finding a product
- Preliminary screening of ideas
- Comparative rating of product ideas
- Present market
- Market growth potential

Q.4 Describe any five in detail [20]

(Each question carry 4 marks)

- Kiln Dryer
- Pneumatic Dryer
- Conveyor Belt Dryer
- Vacuum evaporation
- Deagglomeration
- Cellular lay out
- 'Fixed Position' Layout