

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 189662

Roll No. 

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**B.TECH.**

**Theory Examination (Semester-VI) 2015-16**

**FOOD PROCESSING PLANT DESIGN & LAYOUT**

*Time : 3 Hours*

*Max. Marks : 100*

**Section-A**

**Q1. Attempt all parts of the following:**

**(2×10=20)**

- (a) Define Plant layout?
- (b) Name any two objectives of plat layout?
- (c) Name any four cereals grown in India?
- (d) Name any two processing materials of vegetables?
- (e) What birds are kept in poultry?
- (f) Define milk?

(1)

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- (g) Define the term "Processing"?
- (h) Give two steps for the location of processing of fish?
- (i) Name any two processing equipments?
- (j) Write any two components of processing plant building?

### Section-B

**Q2. Attempt any five parts of the following: (10×5=50)**

- (a) Explain the project formulation for crop processing?
- (b) How a step by step evaluation be ensured for preparation of feasibility report?
- (c) "Food Processing is the need of today" Comment on it in details?
- (d) Describe the plant layout and requirement of plant building?
- (e) Explain few material handling equipments commonly used in processing industry?

- (f) Why the processing of fish and meat products are essential?
- (g) Explain the factors affecting the process industry under Indian scenario?
- (h) Describe the objectives and principles of rice processing plant?

### Section-C

**Attempt any two parts of the following:**

**(15×2=30)**

- Q3. Write an essay on "Status and scope of milk processing plant"?
- Q4. How will you find plant capacity and related project design by taking any one type of processing plant?
- Q5. Write short note on the following:
  - (i) Oilseed processing
  - (ii) Pulses processing.