

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

PAPER ID : 2100

Roll No.

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**B.Tech.**

(SEM. V) ODD SEMESTER THEORY

EXAMINATION 2012-13

**ENGINEERING AND MANAGERIAL ECONOMICS**

Time : 3 Hours

Total Marks : 100

**Note :— Attempt all questions**

1. Answer any **four** parts of the following : **(5×4=20)**
  - (a) How will you calculate the crop yield index and cropping intensity ?
  - (b) Discuss in brief the problems and prospects of agricultural finance in India.
  - (c) Discuss about various constituent factors of profit.
  - (d) Describe about Net Present Value.
  - (e) Write short note on inventory management.
2. Answer any **four** parts of the following : **(5×4=20)**
  - (a) Describe the effective control and leading measures of Agri-business management.
  - (b) What do you understand by management information system ?
  - (c) What do you understand by managerial skill ?

- (d) What are the assumptions of forecasting ?
- (e) What are the various methods of Generating Index Number ?

3. Answer any **two** parts of the following : **(10×2=20)**
  - (a) Explain in detail, the factors affecting management of workers.
  - (b) Differentiate between average rate of return and internal rate of return.
  - (c) What are the problems relating to mechanization in Indian agriculture ?
4. Answer any **two** parts of the following : **(10×2=20)**
  - (a) What are the ultimate objectives of farm planning and how it can be ensured ? Explain in detail.
  - (b) Describe the term "Equilibrium". How a farm will reach to equilibrium with fluctuation in demand and supply ?
  - (c) What is "Break-even -point" and "pay back period" ? How it is estimated ?
5. Answer any **two** parts of the following : **(10×2=20)**
  - (a) What is depreciation ? Why it is charged ? What are the various methods to calculate a depreciation on a machine ?
  - (b) What is the composition of farm labour ? Explain the steps for increasing the efficiency of farm labour ?
  - (c) Explain the "Law of Diminishing Return". Why this is an effective parameter of economics ?