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

PAPER ID : 2100   Roll No. [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

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 ?

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(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 ?