KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry Degree Programme 2013 Admission
VIth Semester Final Examination-July 2016

Marks: 50.00

Cat. No: Fmau 3210

Title: Principles of Forest Economics, Project Planning and Evaluation (1+1) Time: 2 hours

I Fill up the blanks/Match the following / state True or False/Define: (10 x 1 = 10)

1. Any feasible solution which optimizes (maximizes or minimizes) the objective function of the lineal programming Problem is called_____

2. The variables which are introduced to convert the inequality constraints into equality constraints are called_____.

3. Ratio of proportionate change in quantity demanded of a commodity to a given proportionate change in price of other goods is _____

4. If Total Product decreases, the Marginal product will be _____

5. APP is inversely related to _____ while MPP is inversely related to

_____

Expand

6. PERT.

True/False

7. Internal Rate of Return is that rate of discount which makes the present worth of benefits and costs equal or the net present worth of cash flow equal to zero.

8. The Total Fixed Cost curve is concave to origin.

9. Oligopoly price will not be as high as monopoly price or it will not be as low as long run perfectly competitive price.

10. The shift in supply curve is due to change in production technology.

II Write short notes ANY FIVE of the following

(5x2=10)

1. Monopolistic competition.
2. Distinguish between CPM and PERT.
3. Application of linear programming in forestry.
4. Factors influencing elasticity of supply.
5. Assumptions of law of demand.
6. Differentiate oligopoly and duopoly market situations.
7. Relationship between Average Physical Product and Average Variable Cost.

III. Write short essays on ANY FIVE of the following

(5 x 4 =20)

1. Why most of the markets are informal markets in forest products?Enumerate your suggestions to improve/strengthen markets for forest products.

2. Explain in detail price and output determination under monopoly.

3. Define law of Diminishing Marginal Returns. How to determine the most profitable combination input and output?

4. Explain market based valuation techniques for timber and non timber forest products.
5. Application of the non market valuating techniques in forest products valuation.
6. Define law of demand and explain assumptions and applications of law of demand.
7. Explain different stages in project cycle.

IV. Write essay on ANY ONE (1 x 10=10)

1. Explain various evaluation techniques used in choosing among mutually exclusive projects.

2. Explain three zones of Total Physical Product/production function with illustration. How zone II is rational when compared to other zones of production function.

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