MNRE-016

POST GRADUATE CERTIFICATE IN AGRICULTURE POLICIES (PGCAP)

Term-End Examination

00306

December, 2014

MNRE-016 : PROJECT ANALYSIS

Time : 2 hours *Maximum Marks : 50*

Note : *Attempt any **five** questions. All questions carry equal marks.*

1. Explain the various phases of the project cycle. *10*

2. Give the definition of project. Discuss the importance of project in development of the economy. *10*

3. (a) What do you mean by time value of money ? How is it important for evaluation of agricultural projects ? *5*

(b) Enlist the various undiscounted measures of project analysis and explain any one of them. *5*

4. (a) What is sensitivity analysis ? Describe the circumstances in which sensitivity analysis is used. *5*

(b) Explain the problems in finding market prices of agricultural project outputs and inputs. *5*

5. (a) Explain the concept of value addition in National Income Accounting. *5*

(b) What do you understand by Gross Domestic Product ? What difficulties are encountered in measurement of GDP ? *5*

6. Differentiate between any ***five*** of the following : *5×2=10*

(a) Financial prices and Economic values

(b) C.I.F. and F.O.B.

(c) Revenue and Expenses

(d) Income statement and Balance sheet

(e) Tangible benefits and Intangible benefits

(f) Current assets and Current liabilities

7. Define any ***ten*** of the following : *10×1=10*

(a) Marginal value product

(b) Replacement cost

(c) Opportunity cost

(d) Export-import parity price

(e) Farm gate price

(f) Perfect market

(g) Investment

(h) Fixed assets

(i) Sunk cost

(j) Evaluation of project

(k) Willingness to pay

(l) Intangible cost

(m) Technological spillover

(n) Transfer payment

8. Fill in the blanks of any ***ten*** of the following : *10×1=10*

(a) Payback period = $\dfrac{\text{\_\_\_\_\_\_\_\_\_\_\_\_}}{\text{Annual net cash revenue}}$

(b) Net benefit increase =

$$\frac{\text{\_\_\_\_\_\_\_\_\_\_\_\_\_\_}}{\begin{array}{c}\text{Present worth of incremental} \\ \text{net benefit after financing} \\ \text{without project}\end{array}} \times 100$$

(c) Inventory turnover = $\dfrac{\text{Cost of goods sold}}{\text{\_\_\_\_\_\_\_\_\_}}$

(d) $\text{\_\_\_\_\_\_\_\_\_} = \dfrac{\text{Net income}}{\text{Revenue}}$

(e) Returns on equity = $\dfrac{\text{Net income}}{\text{\_\_\_\_\_}}$

(f) $\text{\_\_\_\_\_\_\_\_\_} = \dfrac{\text{Operating income}}{\text{Assets}} \times 100$

(g) Operating ratio = $\dfrac{\text{Operating expenses}}{\text{\_\_\_\_\_\_\_\_\_}}$

(h) Current ratio = $\dfrac{\text{Current assets}}{\text{\_ \_ \_ \_ \_ \_ \_ \_}}$

(i) Debt-equity ratio = $\dfrac{\text{\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_}}{\text{Long term liability + equity}}$

(j) Debt service coverage ratio = $\dfrac{\text{\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_}}{\text{Interest paid + repayment of long term loan}}$

(k) _ _ _ _ _ = $\dfrac{\text{Money value in future}}{(1 + i)^n}$

(l) _ _ _ _ _ = $\dfrac{\text{Annual investment } (1 + i)^t - 1}{i}$