

M.A. Semester-III Examination 2014
Rural Development
Paper-X

Time : Four Hours

Full Marks : 80

Questions are of value as indicated in the margin.

Group - A

(Tools of Project Management and Appraisal)

Answer Question No.6 and any three from the rest.

1. Discuss briefly the traditional view of "Cost of Capital". 12
2. From the following information using PDV-method choose the best project. Assuming the discount rate = 12%. 12

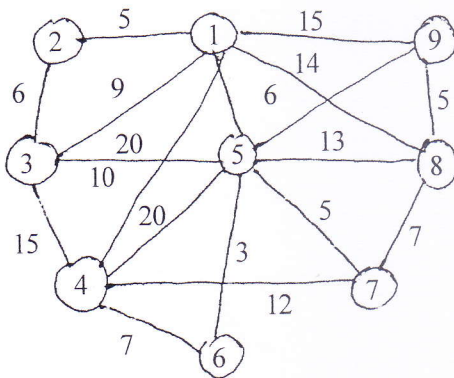
Net Cash flow ↓	Period →	1	2	3	4	Initial Investment = Rs. 50,000
	Project A	6000	14000	23000	31000	
	Project B	3000	10000	27000	34000	

3. Construct quadratic equation to calculate the IRR of the following project -

Project	Initial Out lay	Net cash flow in 2 period	
		1	2
A	50,000	30,000	40,000
B	10,000	40,000	-20,000

Explain the difference in the results of the projects and name the phenomenon. 9+2+1=12

4. Figure given below gives the milage of the feasible links connecting nine off share natural gas well with inshore delivery point. Well head 'i' is the closest to the delivery point and is the only one connected to the delivery point. Determine the minimum pipe line network that links the well heads to delivery point using minimal Spanning Tree Algorithm".



1 to 2 → 5	1 to 3 → 9
2 to 3 → 6	1 to 4 → 20
3 to 4 → 15	1 to 5 → 4
4 to 6 → 7	1 to 8 → 14
4 to 7 → 12	3 to 5 → 10
7 to 8 → 7	4 to 5 → 20
8 to 9 → 5	5 to 9 → 6
9 to 1 → 15	5 to 6 → 3
	5 to 7 → 5
	5 to 8 → 13

5. Define SWOT analysis. What are 'its strengths, Weaknesses and opportunities? Describe the use of SWOT analysis in various fields of research. 2+3+7=12
6. Write a short note on **any one** of the following : 4
 - (a) Pay Back Method (b) Externalities of a project (c) Future value

P.T.O

(2)

Group - B
(Project Planning and Management)

Answer Question No.6 and any three from the rest.

1. What do you understand by development project? Write down the differences between development projects and development programmes by giving suitable examples. 4+8=12
 2. Prepare a list of different types of rural development projects for (i) a village and (ii) a block. 12
 3. Consider the problems of health sector in rural areas. Design a project proposal in this field. 4+8=12
 4. Discuss any one of the problems of agricultural production in our country. Formulate a project for solving that problem in your block. 4+8=12
 5. What are the different types of evaluation of projects? Discuss the different types of analytical categories of evaluation of development projects. 12
 6. Write a short note on **any one** of the following : 4
 - (a) Stakeholders
 - (b) Indicators of achievement
 - (c) Project Monitoring
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