



MB 115 (N)

**Third Semester M.B.A. Examination, September 2016
(New Scheme)
Course 15 : PROJECT MANAGEMENT
(Compulsory)**

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **any five** sub-questions, **each** sub-question carries **3** marks. **(5×3=15)**

1. a) Mention the importance of Project Management.
- b) List the roles of feasibility report.
- c) Mention the various sources of Project Ideas.
- d) List the various financial sources for raising fund requirements for a project.
- e) What is virtual project team ?
- f) What is Process Breakdown Structure (PBS) with reference to Project Management ?
- g) Mention the need and importance of building the high performance project teams.

SECTION – B

Answer **any four** questions, **each** question carries **5** marks. **(4×5=20)**

2. Explain briefly role of softwares in Project Management.
3. Differentiate between PERT and CPM Project Networking techniques.
4. How do you classify the Projects ? Discuss briefly.
5. Discuss various stages involved in design of Project Portfolio Management System.
6. Write a note on project closure and post completion audit.
7. Explain the nature and scope of Project Management.

P.T.O.



SECTION – C

Answer **any three** questions, **each** question carries **10** marks.

(3×10=30)

8. Discuss any two theories of location.
9. Explain performance evaluation in projects.
10. Discuss various methods of Project Evaluation under Certainty.
11. Discuss various stages and components of Project Feasibility Studies.
12. The project composed of 12 activities whose time estimates are listed in the below table. You are required to draw the network diagram and find the critical path and its duration.

No.	Activity (i - j)	Duration in days (D_j)
1.	1 - 2	3
2.	1 - 3	2
3.	1 - 4	4
4.	2 - 5	4
5.	3 - 6	5
6.	3 - 7	8
7.	4 - 7	4
8.	5 - 8	3
9.	6 - 8	4
10.	7 - 9	5
11.	8 - 9	2
12.	9 - 10	4



SECTION – D

13. Case (Compulsory)

(1×15=15)

The project composed of seven activities whose time estimates are listed in the below table. Activities are identified by their beginning (i) and ending (j) nodes. **15**

Activity (i - j)	Estimated Duration (Weeks)		
	Optimistic	Most Likely	Pessimistic
1 - 2	1	7	13
1 - 6	2	5	14
2 - 3	2	14	26
2 - 4	2	5	8
3 - 5	7	10	19
4 - 5	5	5	17
6 - 7	5	8	29
5 - 8	3	3	9
7 - 8	8	17	32

- a) Draw the network diagram of the activities of the project.
 - b) Calculate the variance and standard deviation of the project length.
 - c) What is the Critical Path and Expected length of the project ?
 - d) Find the probability of the project completing in 40 days.
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