

MP-505

June - Examination 2018

**Master of Business Administration -
II Year Examination****Project Management****Paper - MP-505****Time : 3 Hours]****[Max. Marks :- 80**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A**8 × 2 = 16**

(Very Short Answer Questions)

Note: Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

- 1) (i) What is the full form of PERT and CPM in project management?
- (ii) Explain the term event and activity.
- (iii) Draw a network diagram for,
 - Activity 'A' and Activity 'B' are concurrent activities.
 - Activity 'C' follow activity 'A'
 - Activity 'D' succeed activities A and B
 - C and D are last activities

- (iv) Name the three key objectives in project execution.
- (v) Name the four project risk during execution.
- (vi) Explain the term break down structure with suitable example.
- (vii) Explain the difference between project planning and project scheduling.
- (viii) Name the different type of projects.

Section - B

$4 \times 8 = 32$

(Short Answer Questions)

Note: Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 8 marks.

- 2) Explain role of a project manager in execution of a drinking water under ground pipeline in a area of city.
- 3) Prepare a network diagram and mark the critical path.

Activity	1-2	1-3	2-4	3-5	4-6	5-7	6-7	5-6
Preceding activity	-	-	1-2	1-3	1-3 2-4	3-5	4-6 & 5-6	3-5
Duration (Days)	3	16	5	4	8	4	17	11

- 4) Time taken by different activities of a project is as follows:

Activity		Activity Time		
Tail event	Head event	Optimistic (to)	Pessimatic (tp)	Most likely (tm)
1	2	1	3	2
2	3	1	7	4
2	7	2	4	3
3	4	1	0	3
3	5	0	0	0
4	6	0	0	0
5	6	3	13	5
7	8	4	12	8
6	9	4	14	6
8	9	1	3	2

Draw a network and determine expected activity time.

- 5) Explain quality management system in a project of clean Ganga project (for a strich - Rishikesh to Haridwar), being a project quality leader.
- 6) Write short notes on:
- (i) Risk associated to project and their mitigation plan - with suitable example.
 - (ii) Criteria for technological appraisal of a project.

- 7) Name the Economic appraisal of a project and explain any two in detail with applicability condition, for evaluation of a project.
- 8) Explain the term free float, independent float, total float and slack of an event.
- 9) Write a brief note on the termination of a project.

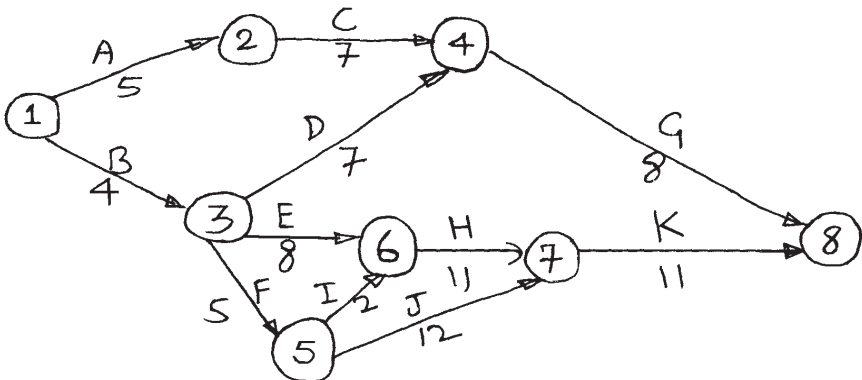
Section - C

$2 \times 16 = 32$

(Long Answer Questions)

Note: Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 16 marks.

- 10) Write detailed note on:
 - (i) Project performance management
 - (ii) Role of project manager in managing international projects
- 11) Find out the earliest start time, latest finish time, slack and critical path of a project, which follow the below network.



12) XYZ company considering three alternative projects A, B and C, each requiring an investment of Rs. 10,000 at the beginning of the first year. The life of the project is 5 years, 10 years and 10 years respectively. If the depreciation is to be charged by straight line method, salvage value is nil, the rate of tax is 40% and the net annual profit before tax but after depreciation is Rs 4000 for A starting with the first year; Rs. 5000 for B starting with second year and Rs. 6000 for C starting with the third year, and the required rate is 20%, which project out of A, B and C should be selected:

- (i) Using Pay back period method
- (ii) Accounting rate of return method

13) Explain in detail the aspect cover in

- (i) Project planning
- (ii) Project Budgeting
