

MANIPAL UNIVERSITY

SIXTH SEMESTER B.A. (ID)/B. DES (ID) DEGREE EXAMINATION – JULY 2017

SUBJECT: BID 306 – PROJECT MANAGEMENT

Friday, July 14, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

- ✍ Answer any FIVE Full questions.
✍ Missing Data be suitably assumed.

1. Write short note/explain briefly:

- 1A. Stages in a construction project
1B. Gantt charts, Mile stone charts, Networks

(5 marks × 2 = 10 marks)

2. Explain the terms:

- 2A. Time scale diagram
2B. Dummy activities
2C. Resource leveling

(3+4+3 = 10 marks)

- 3A. Draw a network for a project consisting of following activities with connectivity data. Compute the start, finish time and float for each activity and identify the critical path in the network.

Activity	1-2	2-3	2-4	3-5	3-6	4-6	5-7	6-7
Duration (days)	4	6	8	4	2	1	5	6

- 3B. Write short on types of floats / slack its relevance.

(7+3 = 10 marks)

- 4A. Draw a network for a project consisting of following activities with connectivity data. Compute the start, finish time and float for each activity and identify the critical path in the network.

Activity	A	B	C	D	E	F
Immediate predecessor	---	---	A	A,B	D	C,E
Estimate of duration	5-7-9	7-9-10	10-12-14	12-15-18	5-7-9	4-6-8

- 4B. Enlist Fulkerson method for drawing network diagrams.

(6+4 = 10 marks)

- 5A. Explain the objective and purpose necessity of property valuation.
- 5B. Define the terms cost, value and price.
- 5C. Highlight the difference between terms “market value” and “book value”.

(4+3+3 = 10 marks)

- 6A. Briefly explain the various methods for valuation of land and building.
- 6B. What is “sinking fund”? How is it accounted?

(7+3 = 10 marks)

