MANIPAL UNIVERSITY

SIXTH SEMESTER B.A. (ID) DEGREE EXAMINATION – MAY 2016

SUBJECT: BID 306 – PROJECT MANAGEMENT

Friday, May 27, 2016

Time: 10:00 – 13:00 Hrs.   Max. Marks: 50

✍ **Answer any FIVE FULL questions.**
✍ **Missing data be suitably assumed.**

1A. Explain the relevance of project management to construction profession.

1B. Define the term "project".

1C. Discuss the various stages of Project management.

(3+2+5 = 10 marks)

2. **Briefly explain:**

2A. Project scheduling

2B. Basic scheduling tools and techniques for project Management

(5 marks × 2 = 10 marks)

3A. Highlight the significance of crashing of project. Briefly explain the procedure for the same.

3B. Identify the critical path in the network for the following activity:

Activity	A	B	C	D	E	F	G	H
Duration (days)	4	5	3	2	2	4	5	2
Immediate predecessor	---	A	A	B	C	C	D,E,F	G

(5 marks × 2 = 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	G	H
Immediate Predecessor	-	A	B	B	C,D	D	E	F,G
Duration (days)	14-18-21	7-9-12	8-10-12	15-17-23	9-11-13	3-5-7	6-9-10	10-12-14

4B. Write short note on:

i) Project costs   ii) Resource leveling

(6+(2+2) = 10 marks)

5A. Briefly explain factors affecting the value of land property.

5B. Development method of building estates.

(5 marks × 2 = 10 marks)

6A. Present cost of a building with comparable construction is ₹ 15, 00,000. The building is 10 yrs old and future useful life of 40 yrs. If rate of interest is 8%.p.a, determine the depreciation and the present value of the building.

6B. What is guidance value of the land? Explain briefly the belting method of valuation.

(6+(1½+2½) = 10 marks)

7. **Write short notes on:**

7A. Methods of depreciation

7B. Sinking fund

7C. Rental method of valuation

7D. Salvage value

(2½ × 4 = 10 marks)