✍ **Answer any FIVE questions.**

1. **Write short note on:**

1A. Types of Network scheduling

1B. Resource levelling

(5 marks × 2 = 10 marks)

2. **Briefly explain:**

2A. Stages of project management

2B. Aspects of project management

(5 marks × 2 = 10 marks)

3A. Determine the critical path for network activities listed as shown in the table.

Activity	A	B	C	D	E	F	G
Immediate Predecessor	---	---	A	A	B	B,D	C
Duration (days)	1-3-5	4-6-8	7-8-10	3-6-9	2-4-6	3-5-7	5-7-9

3B. Differentiate between CPM and PERT.

(6+4 = 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)	4	5	2	5	7	2	8	5

4B. Explain Fulkerson Techniques for networking project activities.

(5+5 = 10 marks)

5. Briefly explain suitability of application of following methods of valuation of buildings:

5A. Rental method of valuation

5B. Land and building method of valuation

5C. Direct comparison method

5D. Profit based valuation

(2½ marks × 4 = 10 marks)

6. **Write short notes on:**

6A. The objectives and necessity of valuation

6B. Years Purchase

6C. Factors affecting the value of property

6D. Depreciation

(2½ marks × 4 = 10 marks)