

Registration No:

--	--	--	--	--	--	--	--	--	--

Total Number of Pages: 02

M.Arch
MAR306

3rd Semester Regular / Back Examination 2017-18

Project Planning and Management

BRANCH : M.Arch

Time: 3 Hours

Max Marks: 70

Q.CODE: B556

Answer Question No.1 which is compulsory and any five from the rest.

The figures in the right hand margin indicate marks.

Q1 Answer the following questions : (2 x 10)

- Project Planning
- Project Report
- Financial feasibility
- Network analysis in projects
- Critical path method
- Dummy activity
- Optimistic Time Estimate
- Total Float
- Payback period
- Break even analysis

Q2 a) Why do companies use 'Project Management'? (5)
b) Describe in brief phases of Project Life Cycle. (5)

Q3 a) Define an 'event' and an 'activity'. Differentiate clearly between the two. (5)
b) Bring out difference between PERT network and CPM network. (5)

Q4 A construction project consists of 12 activities. The predecessor relationships are identified by their node numbers as indicated below: (10)

Activity	Identification	Activity	Identification
A	(1,2)	G	(4,6)
B	(2,4)	H	(5,6)
C	(2,3)	I	(5,7)
D	(2,7)	J	(7,8)
E	(3,4)	K	(6,8)
F	(3,5)	L	(8,9)

Draw the network diagram.

Q5 PERT calculations yield a project length of 50 weeks, with a variance of 16. (10)
Within how many weeks would you expect the project to be completed with probability of (a) 95% (b) 75% (c) 40%?
{Assume Z (normal deviate) =1.65, 0.69, -0.25 for 95%, 75% and 40% probability respectively}

Q6 a) Define Project Finance. Explain various sources of Project Finance in India. (5)
b) Distinguish between Shares and Debentures. (5)

- Q7**
- a)** What is Capital Budgeting? Examine its need and importance. **(5)**
 - b)** What are the advantages and disadvantages of **(5)**
 - i) Payback period method
 - ii) Accounting rate of return method
- Q8**
- a)** Explain Break Even Point? How it is determined and what is its use? **(5)**
 - b)** Define 'Contribution'. What are its advantages? **(5)**