

BACHELOR OF ARCHITECTURE FIFTH YEAR FIRST SEMESTER - 2024**PROJECT MANAGEMENT**

Time: 3:00 Hrs.

Full Marks: 100

Answer any Five

1. Write various activities (Minimum 10 nos.) for completing a G+3 Residential building on a plot of 400 sqm. under any Municipality / Corporation Area of WB from inception to completion of the building project and assume completion time of each activity in weeks. Now, Prepare a Bar Chart for this project.

Also write minimum 10 milestone events for the above said project.

 $10+5+5=20$

2. a. Draw the Project Network (Activity On Arrow) as per the details below. Find the Critical Path and Duration –

Activity	A	B	C	D	E	F	G	H	I	J	K	L	M
Predecessor Activity	-	A	B	A	D	E	-	G	J,H	-	A	C,K	I,L
Duration (Weeks)	6	4	7	2	4	10	2	10	6	13	9	3	5

- b. What are the various phases of Project Management? Explain in short.

 $15+5=20$

3. Draw the Project Network (Activity On Arrow) as per the details below. Find the Critical Path and Duration –

Activity	A	B	C	D	E	F	G	H	I	J
Predecessor Activity	-	A	A	A	A	B	C	D,F	E,G	H,I
Duration (Weeks)	12	7	11	8	6	10	9	14	13	16

Also determine the Earliest Start, Earliest Finish, Latest Start, Latest Finish and Total Float for each activity.

 $8+2+10=20$

4. a. Draw the Project Network (Activity On Arrow) following the data given in the table below.

a.	Activity	A	B	C	D	E	F	G	H
	Precedence	-	-	A	B	B	A	D	E

- b. Draw the Project Network (Activity On Arrow) following the data given in the table below.

b.	Activity	P	Q	R	S	T	U	V	W	X	Y	Z
	Precedence	-	P	P	P	Q	Q	S	R,U,V	R,U,V	T,W	X,Y

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c. Compute the expected time for the activity 'A'.

Activity	Optimistic Time	Most likely time	Pessimistic time
A	5	10	20

$$8+8+4=20$$

5. What do you mean by "Partnership Deed"? What points should be mentioned in Partnership Deed? What should be the important criteria for selecting an appropriate form of business? $2+10+8=20$
6. Define Entrepreneurship as per A.H.Cole? What are the 2- basic elements of Entrepreneurship? Describe the various functions of Entrepreneur. What are the main two conditions of "Women Entrepreneurs" set by Government of India in 2006 while defining "Women Entrepreneurs"? What is your opinion over these two conditions? $2+2+12+2+2=20$
7. Write a short note on your favourite Entrepreneur with his/her entrepreneurial quality. How any entrepreneur's needs get developed from the starting of his/her company to the successful running of the same? Explain this in detail as per Maslow's theory. $5+15=20$