Program: Btech   Stream : CSBS   Year: 2022   Semester: VIII

Subject: IT Project Management   Time: 45 Minutes (10.55 am to 11.40 am)

Date: 20/01/2023   No. of Pages: 1

Marks: 20

Mid Term Test-I (Set 1)

Instructions: Candidates should read carefully the instructions.
1) **Answer to each new question to be started on a fresh page.**
2) **Figures in brackets on the right hand side indicate full marks.**
3) **Assume Suitable data if necessary.**
4) **Question no.1 is compulsory.**
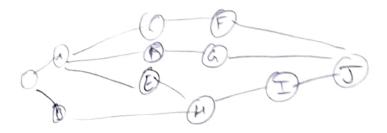5) **Solve any three questions from the remaining questions.**

Q1		Answer briefly (Each question is for two marks):	[08]
CO- 1; SO- ; BL-	a.	What do you understand by project management ?	[02]
CO- 1; SO- ; BL-	b.	List any 4 types of project estimation technique	[02]
CO- 1; SO- ; BL-	c.	What is project management float?	[02]
CO- 1; SO- ; BL-	d.	As a project manager, determine your team members for developing an ecommerce site for a client company.	[02]
Answer any two questions from Q2 to Q4 (Each question is for six marks)			
Q2 CO- 1 ; SO-; BL-		Explain the steps of market and demand analysis.	[06]
Q3 CO-1; SO-; BL-		XYZ Company is considering investing in a project that requires an initial investment of $100,000 for some machinery. There will be net inflows of $20,000 for the first two years, $10,000 in years three and four, and $30,000 in year five. Finally, the machine has a salvage value of $25,000. Calculate Accounting Rate of Return (ARR)	[06]

Determine the activity schedule, PERT network and critical path of the given project :

Activity	Preceding Activity	Time Estimate weeks		
		Optimistic	Most likely	Pessimestic
A	--	4	5	12
B	--	1	1.5	5
C	A	2	3	4
D	A	3	4	11
E	A	2	3	4
F	C	1.5	2	2.5
G	D	1.5	3	4.5
H	B,E	2.5	3.5	7.5
I	H	1.5	2	2.5
J	F,G,I	1	2	3

Q4 CO -1;SO-; BL- [06]

A E

A E H I J

17 weeks.