

Reg.No.:



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]
Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.

Question Paper Code: 6001

B.E. / B.Tech. DEGREE END-SEMESTER EXAMINATIONS – MAY / JUNE 2024

Eighth Semester

Information Technology

U19ITE24 – SOFTWARE PROJECT MANAGEMENT

(Regulation 2019)

Time: Three Hours

Maximum: 100 Marks

Answer ALL the questions

Knowledge Levels (KL)	K1 – Remembering	K3 – Applying	K5 - Evaluating
	K2 – Understanding	K4 – Analyzing	K6 - Creating

PART – A

(10 x 2 = 20 Marks)

Q.No.	Questions	Marks	KL	CO
1.	When does the software planning activity start and end in software life cycle?	2	K1	CO1
2.	Define project. How does software project differs from other project?	2	K2	CO1
3.	Define Albercht function point analysis.	2	K2	CO2
4.	What do you understand by software project estimation and briefly mention various techniques use for software project estimation?	2	K3	CO2
5.	What do you understand by 'Earned Value Analysis'?	2	K3	CO3
6.	Mention the merits and demerits of network planning model.	2	K2	CO3
7.	What do you mean by Cost Variance (CV)?	2	K1	CO4
8.	What do you understand by Schedule Performance Index (SPI)?	2	K2	CO4
9.	According to the job characteristics model, which characteristic describes 'amount the job requires an employee to finish the completion of a product or process from beginning to end'?	2	K3	CO5
10.	Write the objective of Organizational Behavior.	2	K3	CO5

PART – B

(5 x 13 = 65 Marks)

Q.No.	Questions	Marks	KL	CO
11. a)	i. Explain some important activities that a software project manager performs during software project planning.	6	K3	CO1
	ii. Describe and discuss any software project management software you have studied.	7		
	(OR)			
b)	What do you mean by project planning? Explain the stepwise project planning in detail.	13	K2	CO1
12. a)	i. Differentiate between risk planning, risk avoidance, risk reduction, risk acceptance.	5	K3	CO2
	ii. Explain Risk Evaluation in detail.	8		
	(OR)			
b)	Write short notes on cost-benefit analysis and cash flow forecasting with example.	13	K2	CO2
13. a)	i. Explain network planning model with its merits and demerits.	7	K2	CO3
	ii. How network chart help in scheduling a project? What is critical path?	6		
	(OR)			
b)	Explain Hazard analysis and identification.	13	K3	CO3
14. a)	i. State the differences between contract and contract management.	6	K2	CO4
	ii. Describe Resource allocation activity.	7		
	(OR)			
b)	Explain about		K2	CO4
	i. Cost monitoring.	6		
	ii. Prioritizing monitoring.	7		
15. a)	Briefly discuss Hackman & Oldham's Job Characteristics Model.	13	K3	CO5
	(OR)			
b)	i. What steps do you take to ensure you complete projects on time and within budget?	7	K4	CO5
	ii. What practices do you use to keep your team up to date with the latest technology trends?	6		

PART – C

(1 x 15 = 15 Marks)

Q.No.	Questions	Marks	KL	CO
16. a)	i. Discuss about leadership theories.	8	K3	CO5
	ii. Explain the organization structures.	7	K2	
	(OR)			
b)	Briefly describe the various stages of COCOMO Model and also explain its imitations.	15	K3	CO2
