

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: 5015

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

Sixth Semester

Computer Science and Engineering

U19CSV36 - KNOWLEDGE 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.	Why is knowledge management important?	2	K1	CO1
2.	What are the two basic types of knowledge?	2	K1	CO1
3.	What is the purpose of knowledge creation?	2	K2	CO2
4.	Give two examples for knowledge architecture.	2	K3	CO2
5.	Name the tools used for knowledge capturing?	2	K4	CO3
6.	Differentiate between knowledge capture and knowledge transfer?	2	K2	CO3
7.	What are the different modes of knowledge conversion?	2	K3	CO4
8.	What is user acceptance testing?	2	K1	CO4
9.	What are the two types of knowledge transfer?	2	K5	CO5
10.	How is an association rule useful?	2	K5	CO5

PART – B

(5 x 13 = 65 Marks)

Q.No.	Questions	Marks	KL	CO
11. a)	i. What are the different KM myths? Explain.	7	K1	CO1
	ii. Discuss in brief about the cognitive aspects of knowledge management.	6	K1	CO1

		(OR)			
	b)	i. What are the stages of KM life cycle? Explain with diagrams.	7	K2	CO1
		ii. Discuss the role of thinking in learning with examples.	6	K2	CO1
12.	a)	i. What are the challenges in building a KM system? Explain.	7	K2	CO2
		ii. Compare the conventional system life cycle with KM system life cycle.	6	K2	CO2
		(OR)			
	b)	With diagrams, explain the Nonaka's model of knowledge creation and transformation.	13	K2	CO2
13.	a)	Discuss in detail about the features of various knowledge capturing techniques.	13	K3	CO3
		(OR)			
	b)	i. What is consensus decision making? Explain.	7	K2	CO3
		ii. Highlight the characteristics of Repertory grid technique.	6	K4	CO3
14.	a)	Discuss in brief about the various ways / methods used to test a knowledge management system.	13	K2	CO4
		(OR)			
	b)	Discuss in brief about the role of system testing and deployment phase of knowledge management.	13	K4	CO4
15.	a)	With examples, explain the different methods and tools used for knowledge transfer in the e- world.	13	K4	CO5
		(OR)			
	b)	Write short notes on			
		i. Classification trees	7	K2	CO5
		ii. Knowledge management protocols	6	K2	CO5

PART – C

(1 x 15 = 15 Marks)

Q.No.	Questions	Marks	KL	CO
16. a)	With diagrams, explain the concept, process and significance of knowledge management.	15	K5	CO1
	(OR)			
b)	i. What is the role of knowledge codification in KM system life cycle? What are its benefits?	8	K3	CO4
	ii. Explain the working of any THREE knowledge codification tools.	7	K3	CO4