

Reg. No.:



Name:

University of Kerala

W6953

Third Semester FYUGP Degree Examination, November 2025

Discipline Specific Core Course

COMPUTER APPLICATION

UK3DSCCAP203 - Modern Information Systems

Academic Level: 200-299

2024 Admission

Time: 2 Hours(120 Mins)

Max. Marks: 56

**Part A.6 Marks:Time 5 Minutes.(Cognitive Level :Remember(RE)/Understand(UN)) Objective Type.1 mark each,
Answer all questions**

Qn No.	Question	CL	CO
1	Expand KPI	RE	3
2	Recall the term data warehouse .	RE	2
3	Identify two types of KMS	UN	2
4	Cite any two tools used in design phase of EIS	UN	1
5	MIS converts _____ into useful information.	UN	1
6	The three main resources of MIS are people, technology, and _____.	UN	2

Part B.10 Marks.Time:20 Minutes (Cognitive Level:Understand(UN)/Apply(AP))Two-three sentences.2 marks each.Answer all questions

Qn No.	Question	CL	CO
7	Discuss various functions of an information system	UN	1
8	Describe about any two types of DSS.	UN	2
9	Illustrate how training programs help in successful MIS implementation.	AP	4
10	Show, using suitable DSS, how a retail business can study customer purchase behavior and improve its sales strategies?	AP	3

Qn No.	Question	CL	CO
11	Illustrate the use of an expert system in decision-making within an organization?	AP	4

Part C.16 Marks.Time:35 Minutes.(Cognitive Level :Apply(AP)/Analyse(AN))Short Answer.4 marks each, Answer all 4 questions,choosing among options * within each question

Qn No.	Question	CL	CO
12	A) A small retail bookstore is transitioning from manual record-keeping to a basic Information System. Predict the four key components of an IS they will need to consider for this transition. OR B) Illustrate TPS design and implementation strategies.	AP	1, 2
13	A) A logistics company is facing delays in route planning. Show how a model-driven DSS could be applied to solve this problem. OR B) Your team is working remotely and needs to collaborate on a report. Illustrate, using suitable KMS, how this collaboration can be made effective?	AP	3, 4
14	A) Categorize the tools and techniques used in EIS? OR B) Differentiate the data management strategies in MIS and TPS.	AN	3, 2
15	A) Examine the impacts of ESS and KMS on organizational efficiency and effectiveness. OR B) Categorize the components of information systems.	AN	4, 1

Part D.24 Marks.Time: 60 Minutes.(Cognitive Level :Analyse(AN)/Evaluate(EV)/Create(CR)) Long Answer 6 Marks each.Answer all 4 questions choosing among options * within each question

Qn No.	Question	CL	CO
16	A)	AN	2, 1

Qn No.	Question	CL	CO
	Distinguish between Transaction Processing Systems (TPS) and Management Information Systems (MIS). OR B) Examine the role of Information Systems in decision-making with organizational effectiveness.		
17	A) Assess how modern information systems can be applied to enhance efficiency in industries such as healthcare or education. OR B) Comment on MIS architecture.	EV	2, 1
18	A) Justify the role of document management KMS and Expert Systems. OR B) Appraise the techniques used in design and implementation of DSS and EIS.	EV	4, 4
19	A) Propose an Executive information System(EIS) that can help the CEO of a bank monitor branch performance and profitability. OR B) Create a basic EIS dashboard layout for a CEO of a retail chain. Include key features.	CR	1, 4