

Reg. No.:



Name:

University of Kerala

W7684

First Semester FYUGP Degree Examination, December 2025

Discipline Specific Core Course

COMPUTER SCIENCE

UK1DSCCSC100/ UK1DSCCAP100 - Essentials of Computer Science / Fundamentals of IT & Computers

Academic Level: 100-199

2024 Admission onwards

Time: 1 Hour 30 Minutes(90 Mins.)

Max. Marks: 42

Part A. 6 Marks.Time:6 Minutes.(Cognitive Level:Remember(RE)/Understand(UN)) Objective Type. 1 Mark Each.Answer all questions

Qn No.	Question	CL	CO
1	Define the term Computer	RE	1
2	Give one Example of widely-used video conferencing platform	RE	2
3	Explain BIOS	UN	1
4	Explain search engine?	UN	2
5	Name any Two machine translation tool	UN	4
6	Discuss Virtual Reality (VR).	UN	3

Part B.8 Marks.Time:24 Minutes.(Cognitive Level:Understand(UN)/Apply(AP))Short Answer. 2 marks each.Answer all questions

Qn No.	Question	CL	CO
7	Indicate the use of image recognition	UN	4
8	Explain Ecommerce with examples	UN	3
9	Illustrate MAR and MDR.	AP	1
10	Illustrate Email and give its advantages	AP	2

Part C. 28 Marks.Time:60 Minutes (Cognitive Level:Apply(AP)/Analyse(AN)/Evaluate(EV)/Create(CR)) Long Answer.7 marks each.Answer all 4 Questions choosing among options * within each question

Qn No.	Question	CL	CO
11	A)	AP	1, 1

Qn No.	Question	CL	CO
	Illustrate different types of System Software and Application Software. OR B) Illustrate the role of computers in daily life by explaining any three characteristics		
12	A) Analyze the main features of E-library and google Schooler .How its is Effect in Learning process. OR B) Analyze the purpose and functionalities of blogs and wikis.	AN	2, 2
13	A) Evaluate various types artificial intelligence and their applications. OR B) Evaluate the Effectiveness of generative AI in this Modern internet Era And Also explain its Working.	EV	4, 4
14	A) Create a workflow for implementing a recommendation system for a small online business. OR B) Design an AI based solution plan for a real-world problem in healthcare or education.	CR	4, 4