



Reg. No.:

Name:

W6950

University of Kerala

Third Semester FYUGP Degree Examination, November 2025

Discipline Specific Core Course

COMPUTER APPLICATION

UK3DSCCAP200 - FOSS

Academic Level: 200-299

2024 Admission

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 Open source software	RE	1
2	Name two open-source operating systems.	RE	2
3	Identify an open source CMS	UN	3
4	Explain the important FOSS Licenses.	UN	4
5	Explain the term “Internationalization” in the context of FOSS.	UN	2
6	Explain the use of man command in Linux.	UN	4

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	Explain LAMP	UN	2
8	Discuss about the challenges of using open source as a business strategy.	UN	3
9	Illustrate Git and Git Hub	AP	3
10	Illustrate free software and proprietary software	AP	1

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	4, 2

Qn No.	Question	CL	CO
	Illustrate different types of Open source application OR B) Apply the principles of Software Freedom to describe how Open-Source benefits software developers		
12	A) Differentiate Virtualization and Containerization. OR B) Differentiate copy right and copy left.	AN	2, 4
13	A) Assess the Principle and methodologies of Free and Open-Source Software OR B) a). Evaluate the ethical and social impacts of Open Source Software.	EV	2, 3
14	A) Create a shell script to reverse the given inputted positive number? OR B) Write any five Linux commands with examples.	CR	2, 4