

QP CODE 20205512101

Reg. No

--	--	--	--	--	--	--	--	--	--



# DMI-ST. EUGENE UNIVERSITY

ZAMBIA

DEGREE EXAMINATION – DECEMBER 2024

Semester: II 055 CS 24 FUNDAMENTALS OF INFORMATION TECHNOLOGY

Time: 3:00 Hours

Max. Marks: 100

Answer any FIVE Questions (5 x 20 = 100 Marks)

1. a) Explain any 6 uses of the internet. (10 Marks)  
b) List and explain the different layers of TCP/IP model. (10 Marks)
2. a) Give an account on internet service providers with services. (10 Marks)  
b) Explain how web servers work. (10 Marks)
3. a) Write valid points on how cloud computing works. (10 Marks)  
b) Elaborate the concept of data mining. (10 Marks)
4. a) Define cybercrime and explain its types. (10 Marks)  
b) Explain the main need for cyber law and the area that are involved in cyber law. (10 Marks)
5. a) List and explain any six Knowledge management skills for student education. (10 Marks)  
b) Explain the different ways of accessing the internet. (10 Marks)
6. a) Define IP addresses and explain the different types. (10 Marks)  
b) List and explain the different types of email and addresses. (10 Marks)
7. a) Differentiate E-commerce from M commerce. (10 Marks)  
b) Explain the concept VIOP. (10 Marks)