

QP CODE 2023512201

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# DMI-ST. EUGENE UNIVERSITY

ZAMBIA

DEGREE EXAMINATION – DECEMBER 2024

Semester: II

351HE22 FUNDAMENTALS OF IT

Time: 3:00 Hours

Max. Marks: 100

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

1. a) Describe in detail about mailing format and differentiate between CC and BCC. (5 Marks)  
b) Discuss in detail about the WWW and the web server? (5 Marks)  
c) What is domain and Explain the different types of domains? (10 Marks)
2. a) Explain any five basic services of internet connection. (10 Marks)  
b) How do social networks and search engines enhance user experience on the Internet? (5 Marks)  
c) Clarify about the term upload and download? (5 Marks)
3. a) Briefly explain about the open source of software and freeware software in detail. (10 Marks)  
b) What are the characteristics of occur in cloud computing? (5 Marks)  
c) Describe about the digital marketing and the component of digital marketing? (5 Marks)
4. a) Discuss the impact of the digital divide on society. (6 Marks)  
b) What is cyber ethics and classify the breaches of cyber ethics? (8 Marks)

- c) Discuss in details about the positive and negative impact of technology on society. **(6 Marks)**
- 5.
- a) Briefly explain about the use of IT in teaching and learning. **(10 Marks)**
  - b) What is plagiarism, and how can it be avoided in academic work? **(5 Marks)**
  - c) Discuss about the basic concept of IPR. **(5 Marks)**
- 6.
- a) Describe about the levels of internet connectivity. **(10 Marks)**
  - b) Describe the process of resolving domain names and its importance. **(5 Marks)**
  - c) Distinguish between URL and domain name? **(5 Marks)**
- 7.
- a) Explain how academic search techniques can improve research outcomes. **(5 Marks)**
  - b) What are some common methods for accessing the Internet? **(10 Marks)**
  - c) Describe the uses of Google Scholar in detail? **(5 Marks)**