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# DMI-ST. EUGENE UNIVERSITY

ZAMBIA

DEGREE EXAMINATION – DECEMBER 2023

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? Explain the different types of domains. (10 Marks)
2. a) Explain any five basic services of internet connection. (10 Marks)  
b) Describe the basic concept of web browser and list five examples of web browser. (5 Marks)  
c) Clarify about the term upload and download. (5 Marks)
3. a) List out the five uses of Data science. (6 Marks)  
b) Explain the fundamentals of Bluetooth and classify the types of Bluetooth. (8 Marks)  
c) Illustrate about the term data analytics in detail. (6 Marks)
4. a) What are the Best policies that individuals must adopt while using the internet or any kind of technology? (4 Marks)  
b) Explain about the development of IT. And list out the merits and demerits of IT. (8 Marks)  
c) Discuss about the types of cyber security threat. (8 Marks)
5. a) Explain about the methods of internet access. (10 Marks)  
b) Discuss the term internet as knowledge repository in detail. (5 Marks)  
c) Discuss about the basic concept of IPR. (5 Marks)
6. a) Describe about the levels of internet connectivity. (10 Marks)

- b) Explain what are requirements are needed for software and hardware internet connection? **(5 Marks)**
- c) Distinguish between URL and domain name. **(5 Marks)**
7. a) List the qualities of plagiarism. **(5 Marks)**
- b) Briefly explain about the use of IT in teaching and learning. **(10 Marks)**
- c) Describe the uses of Google Scholar in detail. **(5 Marks)**