

QP CODE	2023512202
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DMI-ST. EUGENE UNIVERSITY
DEGREE EXAMINATION – DECEMBER – 2022

SEM: II

351 HE 22 FUNDAMENTALS OF IT

Time: 3 Hours

Max. Marks: 100

Answer any Five questions (5 x 20 = 100 Marks)

1. a) Describe a webserver. (10 Marks)
b) Explain what is INTRANET? (10 Marks)
2. a) Explain what is the difference between a website and a web page? (10 Marks)
b) Briefly describe the URL. (10 Marks)
3. a) Describe embedded systems and four applications of embedded systems. (10 Marks)
b) Distinguish between application software and system software. (6 Marks)
c) Define cloud computing and list three services of cloud computing. (4 Marks)
4. a) List at least six ways of preventing cybercrime and explain each. (10 Marks)
b) Define cyber ethics and explain four areas of focus of cyber ethics. (10 Marks)
5. a) Explicate the knowledge and its types. (10 Marks)
b) State the five ways by which students can use ICT for learning. (10 Marks)
6. a) Explain the ways in which ICT can be useful to a teacher. (10 Marks)
b) Explain the academic searching techniques that can be used on a search engine. (10 Marks)
7. a) Describe the types of cyber security threats. (10 Marks)
b) Explain the following cyberbullying and hacking. (10 Marks)