7. Define any three in brief from the following list : 12

   (a) Programming Language

   (b) Utility programs

   (c) Application Software

   (d) Operating System

8. What do you mean by search engines ? Explain

   different types of search engines.   12

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Examination Session June-2022

(First Semester)

CVTEE / DVTEE-101

C. Voc. / D. Voc.

(Technology Enabled Education)

[ICT Resources And Applications - I]

Time : 2 Hours]   **[Max. Marks : 100**

Note : This paper is of hundred (100) marks divided into

two (02) sections A and B. Attempt the questions

contained in these sections according to the detailed

instructions given therein.

SECTION—A

(Long Answer Type Questions) 2×26 = 52

Note : Section 'A' contains Five (05) long answer type questions of Twenty Six (26) marks each. Learners are required to answer any Two (02) questions only.

2×26 = 52

1. (a) Describe the tools and techniques of e-content development. 13

   (b) Explain primary and secondary memory with their key features. 13

2. (a) Describe the following in short : 12

   (i) Server   (ii) Workstation

   (iii) Router   (iv) Switch

   (v) MICR   (vi) MIDI

   (b) What do you mean by open-source software ? Explain. 6

3. (a) Write down the benefits of e-content resources. 6

   (b) List the benefits of e-governance. 6

4. (a) Briefly explain TCP/IP suite. 6

   (b) Explain Uniform Resource Locator (URL) with example. 6

5. (a) Why operating system is important for the execution of a computer system ? 6

   (b) Briefly define the types of operating system. 6

6. Write the full form of the following terms :

   (a) GUI   (b) CUI

   (c) LAMP   (d) FOSS

   (e) IDE   (f) DOS

(b) Describe the various types of network topologies.   14

3. (a) Briefly explain any three from the following : 16

    (i) SDRAM

    (ii) Hard Disk Drive

    (iii) Digital Versatile Disk

    (iv) Solid State Disks

    (b) Explain the types of e-content resources used in online/digital learning.   10

4. (a) Explain the types of e-governance models.   14

    (b) Write the full form of the following terms :   12

    (i) NeGP   (ii) NeGD

    (iii) MMP   (iv) UMANG

    (v) SWAN   (vi) ITeS

5. (a) Write a short note on e-content delivery platforms. 13

(b) Briefly explain the Open System Interconnection (OSI) model of networking. 13

SECTION—B

(Short Answer Type Questions) **4×12 = 48**

Note : Section 'B' contains eight (08) short answer type questions of Twelve (12) marks each. Learners are required to answer any four (04) questions only.

4×12 = 48

1. (a) Explain the uses of different types of computer systems. 6

(b) Write a short note on Open Education. 6

2. (a) Write a short note on e-governance projects in India. 6