- 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.

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Total Pages: 6 Roll. No.:.....

## **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) $2 \times 26 = 52$

**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.

 $2 \times 26 = 52$ 

- (a) Describe the tools and techniques of e-content development.
  - (b) Explain primary and secondary memory with their key features.
- 2. (a) Describe the following in short: 12
  - (i) Server
- (ii) Workstation

(iii) Router

(iv) Switch

(v) MICR

(vi) MIDI

**CVTEE/DVTEE-101/6** (2)

(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 (a) Briefly explain TCP/IP suite. 4. 6 (b) Explain Uniform Resource Locator (URL) with example. 6 (a) Why operating system is important for the 5. execution of a computer system? 6 (b) Briefly define the types of operating system.

6. Write the full form of the following terms :

(a) GUI

(b) CUI

(c) LAMP

(d) FOSS

(e) IDE

(f) DOS

CVTEE/DVTEE-101/6

(5)

[P.T.O.]

	(b)	Describe the various t	olo-	(b)		Describe the various types of network topolo-			
		gies.		14			gies.		14
3.	(a)	Briefly explain any three	ee from the following	: 16	3.	(a)	Briefly explain any three	ee from the following	: 16
		(i) SDRAM					(i) SDRAM		
		(ii) Hard Disk Drive					(ii) Hard Disk Drive		
		(iii) Digital Versatile D				(iii) Digital Versatile D	isk		
		(iv) Solid State Disks					(iv) Solid State Disks		
	(b)	Explain the types of e-	content resources use	d in		(b)	Explain the types of e-	content resources use	ed in
		online/digital learning.		10			online/digital learning.		10
4.	(a)	Explain the types of e-g	governance models.	14	4.	(a)	Explain the types of e-g	governance models.	14
	(b)	Write the full form of the	he following terms:	12		(b)	Write the full form of t	he following terms:	12
		(i) NeGP	(ii) NeGD				(i) NeGP	(ii) NeGD	
		(iii) MMP	(iv) UMANG				(iii) MMP	(iv) UMANG	
		(v) SWAN	(vi) ITeS				(v) SWAN	(vi) ITeS	
CVTEE/DVTEE-101/6 (3) [P.T.0			<b>C.O.</b> ]	CVTE	EE/D	VTEE-101/6 (3)	[ <b>P.</b> 7	Т.О.]	

		platforms.	13		platforms. 13			
	(b)	Briefly explain the Open System Interconnects	ion		(b) Briefly explain the Open System Interconnection			
		(OSI) model of networking.	13		(OSI) model of networking. 13			
		SECTION—B			SECTION—B			
		(Short Answer Type Questions) $4 \times 12 =$	48		(Short Answer Type Questions) $4 \times 12 = 48$			
Note: Section 'B' contains eight (08) short answer type			уре	Note: Section 'B' contains eight (08) short answer type				
	qı	uestions of Twelve (12) marks each. Learners	are		questions of Twelve (12) marks each. Learners are			
	re	equired to answer any four (04) questions only.			required to answer any four (04) questions only.			
		4×12 =	48		$4 \times 12 = 48$			
1.	(a)	Explain the uses of different types of compu	ter	1.	(a) Explain the uses of different types of computer			
		systems.	6		systems. 6			
2.	(b)	Write a short note on Open Education.	6		(b) Write a short note on Open Education. 6			
	(a)	Write a short note on e-governance projects	in	2.	(a) Write a short note on e-governance projects in			
		India.	6		India. 6			
CVTI	EE/D	VTEE-101/6 (4)		CVTE	EE/DVTEE-101/6 (4)			

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

(a) Write a short note on e-content delivery