873

CVTEE/DVTEE-101

ICT Resources and Application-I

C.Voc./D.Voc. (Technology Enabled Education)

Examination 2021 (Winter)

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)

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 x 26 = 52]

P.T.O.

Q.1. (A) Draw a block diagram of a digital computer and explain it briefly. What do you understand by Computer Generation? (13)

(B) List the challenges of e-governance in India. (13)

Q.2. (A) What do you mean by the topology of a network? Discuss various network topologies. (13)

(B) Describe various modes of data communication. (13)

Q.3. (A) Briefly explain any three from the following-
(i) Digi Locker
(ii) OpenForge platform
(iii) Rapid Assessment System
(iv) Unified Mobile Application of New-age Governance. (16)

(B) Explain the types of e-content resources. (10)

Q.4. (A) Write down the advantages of computer network. (13)

(B) Explain the types of network. (13)

Q.5. (A) Why do we need to plan a website before designing? Explain. (13)

(B) What are the steps to design a website structure? (13)

Section – B

(Short-answer-type questions)

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 x 12 = 48]

Q.1. (A) Write down some important applications of a computer in the field of teaching-learning.

(6)

(B) What do you understand by new-age learning skills? Explain. (6)

Q.2 (A) Why does open-source software matter?

(6)

(B) Define FOSS and Proprietary Software.(6)

Q.3 (A) List five digital repositories for e-learning.

(6)

(B) Briefly explain the learning management system. (6)

Q.4 (A) Write down the steps to insert a table in your word document. (6)

(B) Write down the keyboard shortcut of the following - (6)
(i) Bold
(ii) Italic   P.T.O.

(ii) Text Alignment-Center

(iv) Text Alignment-Right

(v) Text Alignment-Justify

(vi) Underline.

Q.5   (A)   Explain the different types of cell referencing.

                                                               (6)

      (B)   Write down the key application of excel.

                                                               (6)

Q.6   (A)   Explain types of views with their uses in PowerPoint.   (6)

      (B)   Discuss the usage of Internet in education.

                                                              (6)

Q.7   Write the full form of the following terms-

      (i)   EEPROM   (ii)   RAM

      (iii)   ROM   (iv)   CD

      (v)   DDR   (vi)   SSD.

                                                                    (12)

Q.8.   Define any three in brief from the following list-

      (i)   Interactive Whiteboard

      (ii)   Graphic Card

      (iii)   Sound Card

      (iv)   Modem

      (v)   Router

      (vi)   Network Interface Card   (12)