

874

Total Pages : 4

Roll No. -----

CVTEE/DVTEE-102

Technology Enabled Education-Concept & Tools-1

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) Explain the configuration of National Knowledge Network (NKN)? (10)
- (B) What are the components of the national Knowledge Network (NKN)? What are its Major benefits? (16)
- Q.2. (A) What do you understand by Electronic publishing and copyright laws? (13)
- (B) What is the purpose of the Virtual Labs? What are the different courses where Virtual Labs can be used? (13)
- Q.3. (A) Briefly explain the role of MOOCs in Open and Distance Learning. (10)
- (B) What are blogs? List and explain briefly some popular blogs in the area of Technology enabled education. What are the advantages of blogs? (16)
- Q.4. (A) What is National Programme of Technology Enabled Learning (NPTEL)? What are the popular courses available in the NPTEL? (13)
- (B) What do you understand by NROER? How does it useful for accessing content online? Explain. (13)
- Q.5. (A) Define the importance of e-assessment system. (10)
- (B) Briefly define any eight from the following-
- (i) Two-factor authentication
 - (ii) Spoofing
 - (iii) Spyware

- (iv) Spam
- (v) Social Engineering
- (vi) Firewall
- (vii) Data Breach
- (viii) Virus
- (ix) Worm
- (x) Trojan Horse (16)

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]

P.T.O.

- Q.1. (A) What are the important services used for online reading? Write the name of commonly used websites from where you can read book online ? (6)
- (B) List the benefits of Open Educational Resources. (6)

P.T.O.

- Q.2 (A) Briefly define the types of resources available on the e-PG pathshala. (6)
- (B) List the types of potential cyber-attacks. (6)
- Q.3 (A) What are the advantages of a Virtual Classroom? What do you mean by the term "student can learn from anywhere"? (6)
- (B) List any five commonly used OER repositories. (6)
- Q.4 (A) How many types of resources available on NDLI for their users? Explain. (6)
- (B) Differentiate between Cybersecurity and information security. (6)
- Q.5 (A) List any five benefits of using MOOCs. (6)
- (B) What is Social Networking? Why privacy is an issue in Social Networking? (6)
- Q.6 What do you mean by Massive open online courses (MOOC)? Briefly explain the types of MOOCs. (12)
- Q.7 Write a short note on any three from the following :
- (i) Internet of Things (ii) Big data
- (iii) Artificial Intelligence (iv) Smart devices. (12)
- Q.8. What do you mean by open licensing? Briefly explain Creative Commons (CC) Licensing System. (12)
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