

6. What are the Smart devices ? List the benefits of Smart devices in our daily life. 12
7. What is a virtual university ? What are the advantages of Virtual University ? How does it remove geographical barriers ? 12
8. What is Virtual classroom ? What is its aim ? How it benefits the Technology enabled education ? 12

Total Pages : 6

Roll. No. :

Examination Session June-2022

(First Semester)

CVTEE / DVTEE-102

C. Voc. / D. Voc.

(Technology Enabled Education)

[Technology Enabled Education - Concept and Tools - 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) Explain the different types of smart devices used in our daily life. 14
- (b) Define the importance of cybersecurity in current scenario. 12
2. (a) Explain the role and importance of technology enabled education for effective teaching-learning system. 16
- (b) Explain the future benefits of technology enabled education. 10

- (b) List Govt. of India initiatives for the upliftment of technology enabled education. 6

3. (a) Briefly explain the social networking tools/platforms used to support the technology enabled education. 6
- (b) List few commonly used OER repositories. 6
4. (a) What are the roles and responsibilities of Academic Institutions in terms of NAD ? 6
- (b) List the challenges of maintaining secure cyber space. 6
5. (a) What type of learning resources are available on Sakshat ? Explain. 6
- (b) What are the benefits of National Academic Depository (NAD) ? 6

3. (a) Why do we need to maintain secure cyber space ?
List few guiding principles to protect from cyber-attacks. 16
- (b) Briefly explain the role of MOOCs in Open and Distance Learning. 10
4. (a) What are the challenges of using OERs ?
Explain. 13
- (b) Write down the steps to access National Digital Library of India (NDLI). 13
5. (a) What are the application of technology-enabled education ? Explain. 12
- (b) Elaborate the abbreviated form of the following : 14
- | | |
|-----------|------------|
| (i) MOOC | (ii) OER |
| (iii) ODL | (iv) NDLI |
| (v) NAD | (vi) NROER |
| (vii) OGD | |

3. (a) Why do we need to maintain secure cyber space ?
List few guiding principles to protect from cyber-attacks. 16
- (b) Briefly explain the role of MOOCs in Open and Distance Learning. 10
4. (a) What are the challenges of using OERs ?
Explain. 13
- (b) Write down the steps to access National Digital Library of India (NDLI). 13
5. (a) What are the application of technology-enabled education ? Explain. 12
- (b) Elaborate the abbreviated form of the following : 14
- | | |
|-----------|------------|
| (i) MOOC | (ii) OER |
| (iii) ODL | (iv) NDLI |
| (v) NAD | (vi) NROER |
| (vii) OGD | |

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) What are Open Educational Resource (OERs) ?
Explain with example. 6
- (b) What do you understand by cybersecurity ?
Explain. 6
2. (a) Explain the role and scope of the SWAYAM platform to enable the technology enabled education. 6

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) What are Open Educational Resource (OERs) ?
Explain with example. 6
- (b) What do you understand by cybersecurity ?
Explain. 6
2. (a) Explain the role and scope of the SWAYAM platform to enable the technology enabled education. 6