

P-1158

Total Pages : 4

Roll No.

DVTEE-202

Technology Enabled Education : Concept and Tools-II

D.Voc. (Technology Enabled Education)

2nd Semester Examination, 2023 (June)

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. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

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.

(2×26=52)

1. What are the major components of a video conferencing system? Why is it requiring a network for data transfer? Explain the functioning of a video conferencing system. [26]
2. Briefly explain the various e-initiatives of NCERT's Technology Enabled Education in India. [26]
3. Write a short note on any four from the following :
 - (a) Applications of GPS.
 - (b) Internet of Things.
 - (c) Types of Cloud computing services.
 - (d) Shodhganga-Inflibnet.
 - (e) Futuristic Scenario of Open & Distance Learning.
 - (f) Key Features of Open & Distance Education. [26]
4.
 - (a) List some popular open-source tools for audio and video editing. [13]
 - (b) List the hardware/software requirements for audio and video editing. [13]
5. What do you understand by Learning Management System? How Learning Management Systems supports Technology Enhanced learning? Explain. [26]

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.

(4×12=48)

1. List out the barriers in Technology Enabled Education in India. [12]
2. How can you create YouTube channel? Write the steps to create a YouTube channel. [12]
3. Write a short note on historical development of open & distance education in India. [12]
4. State the role of audio and video in teaching-learning. [12]
5. What are the different popular video conferencing tools available? What extensive features they offer? [12]
6. List the various e-resources under Infflibnet. [12]
7. Explain any three terms from the following :
 - (a) Benefits of YouTube channel.
 - (b) FOSSEE.

- (c) Swayam Prabha.
- (d) Virtual Labs.
- (e) Key points of managing a YouTube channel professionally. [12]

8. What is the Global Positioning System (GPS)? In how many segments the GPS System is divided? [12]
