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**Examination Session June-2022**

**(Second Semester)**

**DVTEE-202**

**D. Voc. (Technology Enabled Education)**

**[ Technology Enabled Education : Concept  
And Tools - II ]**

**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**

1. (a) Explain in detail about the role of technology enabled education in the open and distance learning. Also discuss various advantages of technology enabled education. 14  
(b) What is artificial intelligence ? Discuss few machine learning methods used for improving the education system. 12
2. (a) Discuss in detail about the various governing bodies of open and distance learning in India. 14  
(b) What are various hardware and software required for audio-video editing purpose ? 12
3. (a) Define the role of audio and video in modern day teaching-learning. 14
4. (a) How artificial intelligence is used for reading the behavior of humans ? Explain in detail. 6  
(b) What is the difference between the supervised learning and unsupervised learning ? 6
5. What are the benefits of video conferencing in modern businesses ? Also explain the use of routers for video conferencing. 12
6. How Open and Distance learning is supported by the ICT ? Explain in detail. 12
7. What is the Global Positioning System (GPS) ? How many segments we can divided the GPS system ? 12
8. How does GPS calculate the user's exact location ? Also explain the various functional units available in the GPS receiver. 12

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(b) “Video conferencing is beneficial for intra-organizational meetings”, justify. Also discuss the major components of a video conferencing system. 12

4. (a) What are the benefits of YouTube channel in terms of promoting your products and services of an organization ?

(b) What is SEO ? How SEO is useful in YouTube application ?

5. (a) Write steps to create a YouTube channel. What are the benefits of creating a YouTube channel ? 14

(b) What is inflibnet ? Discuss few popular e-resources supported by inflibnet. 12

### SECTION—B

(Short Answer Type Questions) 4×12 = 48

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### 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.

$$4 \times 12 = 48$$

1. (a) What is the use of Virtual Labs for the learners ? 6  
(b) Discuss few tools that supports the technology enabled education. 6
2. (a) What is LMS ? Explain its role in the present educational scenario. 6  
(b) Explain MOODLE. How to add course in MOODLE learning management system ? 6
3. (a) What is a content management system ? Describe the benefits of CMS. 6  
(b) Describe the steps to create a website or blog in WordPress. 6

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