

Qn.Code: MEDC21

# **N.V.K.S.D. COLLEGE OF EDUCATION**

(AUTONOMOUS)

**M.Ed. Degree Second Semester Examination, August 2023**

**(For the candidates admitted during the academic year 2022-2023)**

**Perspective course: EMERGING TRENDS IN EDUCATIONAL TECHNOLOGY**

**Course code: MED2PC003**

**Time: 3 Hours**

**Maximum Marks: 70**

## **SECTION A (10 x 1 = 10 marks)**

**Answer ALL the questions by selecting the appropriate answers.**

1. CIET works as a constituent body of  
a) NCERT      b) NCTE      c) NPTEL      d) NCVT
2. The application of artificial intelligence is  
a) Expert system    b) Gaming      c) Vision system    d) All of the these
3. The concept of OER for providing free access to educational resources on the global scale is promoted by  
a) UNICEF      b) UNESCO      c) MHRD      d) UGC
4. MOOC platform does not include  
a) Coursera      b) Udacity      c) IITBX      d) Urkund
5. The option that comes under the Hardware approach  
a) CAI      b) CAL      c) LCD      d) CML
6. A blog comprising videos is called  
a) vblog      b) videoblog    c) vlog      d) phlog
7. NMEICT stands for  
a) National Mission on E-learning through ICT  
b) National Mission on Education through ICT  
c) National Mission on Evaluation through ICT  
d) National Mission on e-Governance through ICT
8. The web portal of Swayam Prabha is maintained by  
a) IIT Kharagpur      b) Gyan Darshan  
c) INFLIBNET Centre      d) NPTEL
9. The online platform that allows to create and publish quizzes is  
a) ProProfs      b) Quizzetag    c) Flexigo      d) Nearpade
10. An example of cloud computing is  
a) Intel      b) Google docs      c) Dropbox      d) Cisco WebEx

**SECTION B (5 x 3 = 15 marks)**

**Answer all the FIVE questions in about 100 words each.**

11. Analyse the benefits of technology-enabled learning.
12. Enlist the characteristics of e-learning.
13. Bring out the significance of virtual learning environment.
14. Critically appraise OLabs.
15. Mention the role of ICT in educational administration and management.

**SECTION C (5 x 5 = 25 marks)**

**Answer any FIVE questions in about 200 words each.**

16. Describe the scope of educational technology.
17. Summarise the advantages of web based learning and flipped learning.
18. Explain the role of Free and Open Source Software in Education.
19. What is meant by GIS? How is it used in schools?
20. List out the software tools for evaluation in education.
21. Mention the techniques of online assessment and their uses.
22. What is cloud computing? How can we use it in the teaching learning process?

**SECTION D (2 x 10 = 20 marks)**

**Answer BOTH the questions in about 500 words each.**

23. a) Describe the major institutions of Educational Technology in India.  
(or)  
b) Discuss the application of artificial intelligence in education.
24. a) What are the key features of blogs? Explain in detail the steps for creating a blog.  
(or)  
b) What are the functions of National Knowledge Network? Describe any two ICT initiatives of Government of India for teaching and learning process.