

MEDC21

**N.V.K.S.D. COLLEGE OF EDUCATION, ATTOOR**  
(AUTONOMOUS)

**M.Ed. Degree Second Semester Examination, July 2022**  
(For the candidates admitted during the academic year 2021-2022)

**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. The National Programme on School Standards and Evaluation (NPSSE) is known as  
a) Shaala Sidhdhi    b) E-Pathasala    c) E- BASTA    d) E- Kalpa
2. The type of computer that was used to build C-DAC was  
a) Mainframe computer                      b) Mini computer  
c) Micro computer                              d) Super computer
3. Synchronous e-learning is  
a) Google meet                                  b) G-mail  
c) Google form                                  d) Google classroom
4. The Indian initiated open educational resources is  
a) Coursera                                        b) Edse  
c) E- Gyan Gosh                                d) Open Stax
5. The first recognized blog created by Justin Hall in 1994 is  
a) Links.net                                        b) Cloud.net    c) Cyber.net    d) Edu.net
6. Khan academy was established in  
a) 2010    b) 2011    c) 2007    d) 2008
7. The expansion of SWAYAM is  
a) Study Webs of Active Learning for Young Aspiring Minds  
b) Study World of Active Learning for Young Aspiring Minds  
c) Study Webs of Assistive Learning for Young Aspiring Minds  
d) Study Wide of Active Learning for Young Aspiring Minds
8. The digital India programme was started in  
a) 2013    b) 2012    c) 2014    d) 2015
9. The service which is not working under cloud storage is  
a) Google drive    b) Dropbox    c) Flash drive    d) One drive

10. A Learning Management System (LMS) is  
a) Moodle      b) Gmail      c) Firefox      d) Opera

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

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

11. List out the benefits of Technology Enabled Learning.
12. Mention the importance of OER in education.
13. State the importance of Free and Open Source Software in Education.
14. Discuss the prospects of online survey tools.
15. Explain flipped learning.

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

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

16. Explain the importance of educational technology in the digital era.
17. Briefly explain the following major institutions of educational technology in India.  
(a) CIET      (b) EMRC      (c) MCRC
18. Discuss the principles and applications of the system approach in education.
19. MOOC as a pace for continuous learning – Substantiate.
20. Explain how does a virtual laboratory differ from a traditional laboratory?
21. Elucidate the role of Geographic Information System (GIS) in schools.
22. Explain cloud computing in education.

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

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

23. a) Elaborate the nature and scope of artificial intelligence and discuss the application of artificial intelligence in education.  
(or)  
b) Explain the role of the NPTEL programme in promoting technology enhanced learning.
24. a) Evaluate the merits and challenges of implementing ICT in educational administration and management.  
(or)  
b) Examine the recent innovations in Educational Technology.