N.V.K.S.D. COLLEGE OF EDUCATION
(AUTONOMOUS)
M.Ed. Degree Second Semester Examination, July 2024
(For the candidates admitted during the academic year 2023-2024)

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. Free software was developed by
   a) Bill gates   b) Steve Jobs c) Charles.R.Flint   d) Richard.M.Stallman
2. NROER stands for
   a) National Reproduction of Open Educational Resources
   b) National Repository of Open Educational Resources
   c) National Repository of Online Educational Resources
   d) National Reduction of Open Educational Resources
3. Classroom Management tool does not include
   a) AB tutor   b) Net OP school   c) SWAYAM   d) Lan School
4. C- DAC focus on
   a) Advanced counting   b) Advanced communication
   c) Advanced Computing   d) Advanced clearing
5. Software that is available under a license that grants the right to use, modify, and distribute are called
   a) Free and Open Source Software b) MOOC
   c) MS Office   d) Closed Source Software
6. The system of education in which students learn via electronic and online media as well as traditional face-to-face teaching
   a) Internet facility in School   b) Virtual classroom
   c) Infrastructure   d) Blended Learning
7. Moodle was developed by
   a) Stephen Downes   b) George Siemens
   b) Paul Allen   c) Martin Dougiamas
8. The major benefit of blogging is
   a) Reach to a wider audience across globe b) Create App
   c) More interaction   d) Steady source of income

9. Massive Open Online Course Platform created by the Ministry of Human Resource Development, Government of India is
   a) Open Learn b) Future Learn   c) SWAYAM   d) INFLIBNET
10. Applications and services that run on a distributed network using virtualized resources is known as
    a) Parallel computing   b) Soft computing
    c) Distributed computing   d) d) Cloud computing

SECTION B (5 x 3 = 15 marks)
Answer all the FIVE questions in about 100 words each.
11. What is a Virtual Learning Environment (VLE). State any two popular VLE platforms used in education today.
12. How can the users access the National Digital Library?
13. Differentiate between e-Learning and M-Learning.
14. How does SWAYAM support lifelong learning and skill development?
15. How does cloud computing facilitate effectiveness in education?

SECTION C (5 x 5 = 25 marks)
Answer any FIVE questions in about 200 words each.
16. How do OER support personalized learning?
17. How are rubrics used in assessing student performance?
18. Explain the steps of creating a blog.
19. Discuss any three software tools for evaluation.
20. Analyse the scope of ICT for evaluation.
21. Elucidate the significance of Geographic educational System in schools.
22. What are the key features of National Knowledge Network?

SECTION D (2 x 10 = 20 marks)
Answer BOTH the questions in about 500 words each.
23. a) Explain the role of ICT in educational administration and management.
                            (or)
    b) Discuss on the ICT resources used for teaching and learning.
24. a) Discuss the application of Artificial Intelligence in Education.
                            (or)
    b) Explain the scope of Educational Technology. Discuss the major institutions of Educational Technology in India.