**EDU 03: TECHNOLOGY & COMMUNICATION IN EDUCATION**

Time : 2 Hours Maximum : 50 Marks

A**. Answer all questions.** **Choose the correct answer. Each question carries 1 mark**

Which of the following is an example of three dimensional aids?

(A. Graphs B.Television C. Charts D. Diorama)

2. Stellerium is an example for---------------

(A. social networking B. educational software C. hardware D. software)

3. --------------- is a barrier of classroom communication

(A.Noise B. Warm atmosphere C. Teacher personality D. Curriculum)

4. --------------------- is online audio content that is delivered via an RSS feed.nci

(A.Video conferencing B.Podcasting C. Communication D. Moodle)

5. --------------------- is online audio content that is delivered via an RSS feed.nci

(A. Video conferencing B. Podcasting C. Communication D. Moodle)

(5X1=5 Marks) B. **Answer the following questions in one sentence. Each question carries 1 mark.**

6. What is firewall?

7. Expand LMS.

8. What is technology in education?

9. What is CMI?

10. Which district of Kerala first started Akshaya project? (5X1=5 Marks)

**C. Answer all questions. Each question carriers 2 Marks**

11.Expand CIET. Give any two functions of CIET

12. What is e-learning? Mention the different types of e-learning

13. Mention any four uses of television broadcast in education.

14. Differentiate between malware and spyware.

15. What is cloud computing? Suggest any two advantages of cloud computing. (5X2=10 Marks)

**D. Answer any four questions.Each question carriers 5 Marks**

16. Differentiate between hardware and software approaches with suitable example.

17. Briefly explain the scope of ICT in teaching learning, evaluation and research.

18. What do you mean by copyright laws? Describe the legal and ethical issues to be taken care while using materials from the internet.

19. Briefly explain the role of teacher in the digital era.

20. Explain the educational significance of audio-visual aids.

21. What do you mean by computer simulation? (4X5= 20 Marks)

E. Answer any one question. Question carriers 10 Marks

22. What is e-learning? Explain the different types of e-learning. Discuss briefly the e-content development initiative by NME-ICT and UGC-CEC.

23. Explain FIACS. How a teacher’s performance can be evaluated using FIACS?

(1X10= 10 Marks)