



Kambal

Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD [now MoE]

Re-accredited with A++ Grade by NAAC. CGPA 3.65 /4, Category I by UGC

Coimbatore - 641 043, Tamil Nadu, India

Master of Education Degree Examination – November 2025 I Semester

Class : I M.Ed.

Time : 3 Hours
Max. Marks : 100

25MEDC05 ICT in Education

Course Outcomes:

- CO1: Demonstrate emerging technologies and gadgets in teaching, learning, and research
CO2: Implement curriculum methods and strategies that use technology to maximize student learning
CO3: Develop technology-enabled assessment and evaluation strategies
CO4: Compare and contrast social, ethical, and legal issues surrounding technology
CO5: Facilitate instruction in the new literacies that emerge within digital / interactive learning environments

Part A

10 X 1 = 10

Choose the Correct Answer

1. International trend in ICT is CO1 K2
a. Chalk use b. Digital learning
c. Pen writing d. Paper exam
2. In developed countries ICT is used mostly in CO1 K1
a. Villages b. Factories c. Schools d. Parks
3. Teacher qualification in ICT refers to CO2 K2
a. Tech skills b. Chalk use c. Singing d. Acting
4. ICT model classroom includes CO2 K3
a. Blackboard b. Smartboard c. Chair d. Bell
5. Student participation in ICT practicum means CO3 K3
a. listening only b. sleeping c. doing activities d. writing notes
6. Analysis of ICT syllabus is part of CO3 K2
a. Curriculum b. Class Info Apps
c. Central Internet Area d. Continuous Internal Assessment
7. CIA package means CO4 K1
a. Computer Instructional Aids b. Class Info Apps
c. Central Internet Area d. Continuous Internal Assessment
8. BBC assistance is related to CO4 K1
a. ICT b. Sports c. Music d. Dance
9. Online worksheets are used for CO5 K3
a. teaching b. assessment c. explanation d. revision notes
10. Computer-based adaptive tests adjust CO5 K4
a. Time of exam b. Marks distribution
c. Place of exam d. Difficulty of questions

Part B
Answer ALL questions
Each answer should not exceed 400 words or two pages

5 x 6 = 30

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| 11.a. Define ICT and mention its types.
(or) | CO1 K1 |
| 11.b. Explain scope of ICT in school education. | CO2 K1 |
| 12.a. Mention the issues faced by teachers in using ICT.
(or) | CO2 K2 |
| 12.b. What is ICT model classroom? | CO2 K3 |
| 13.a. State the need of ICT in school curriculum.
(or) | CO3 K2 |
| 13.b. Differentiate traditional vs ICT-based curriculum. | CO3 K2 |
| 14.a. Write a note on Power Point as a teaching aid.
(or) | CO4 K4 |
| 14.b. Identify any two classroom benefits of smart boards. | CO4 K3 |
| 15.a. What are online assessments? Explain briefly.
(or) | CO5 K2 |
| 15.b. Outline the process of framing a multiple-choice question. | CO5 K3 |

Part C
Answer ALL questions
Each answer should not exceed 800 words or four pages

5 x 12 = 60

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| 16.a. Examine the role of ICT in developed and developing countries.
(or) | CO1 K4 |
| 16.b. Assess the benefits and challenges of using ICT in classrooms globally. | CO1 K3 |
| 17.a. Analyze the problems of ICT integration in Indian schools.
(or) | CO2 K4 |
| 17.b. Appraise the capacity building of teachers for effective ICT usage. | CO2 K5 |
| 18.a. Interpret the concept of ICT-based curriculum with examples.
(or) | CO3 K4 |
| 18.b. Critically review the technologies adopted at various school levels. | CO3 K5 |
| 19.a. Differentiate various ICT-based teaching materials with examples.
(or) | CO4 K4 |
| 19.b. Illustrate the importance of digital lesson plans as ICT-based learning materials. | CO4 K5 |
| 20.a. Evaluate the role of ICT in assessment at secondary level.
(or) | CO5 K5 |
| 20.b. Describe the role of online worksheets and model public tests in student assessment. | CO5 K4 |
