



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore – 641 043

Master of Education Degree Examination – April 2019
IV Semester

Class : II M.Ed.

Time : 3 Hours
Max.Marks: 60

17MEDC15 ICT in Education

Part A

10 x ½ = 5

Choose the Correct Answer

- _____ term indicates the integration of telecommunications and computers, as well as necessary enterprise software and audiovisual systems that enable users to access, store, transmit, and manipulate information.
a. Educational Technology
b. ICT
c. Online learning
d. Mobile Technology
- _____ is a method/technique in which pictures are manipulated to appear as moving images. The images are put together one after another, and then played at a fast speed to give the illusion of movement.
a. Graphics
b. Programme
c. Algorithm
d. Animation
- A book publication made available in digital form, consisting of text, images, or both, readable on the flat-panel display of computers or other electronic devices is called as
a. HTML page
b. e-book
c. Programmed Instruction
d. Module
- The difficulties in communication experienced by people or groups speaking different languages, or even dialects in some cases is referred to
a. Language Barrier
b. Learning Difficulty
c. Speaking Inability
d. Writing Difficulty
- _____ is the process by which individuals and organizations obtain, improve, and retain the skills, knowledge, tools, equipment and other resources needed to do their jobs competently or to a greater capacity.
a. Concept formation
b. Critical thinking
c. Capacity building
d. Concretization
- _____ is a flat-panel display or other electronically modulated optical device that uses the light-modulating properties of liquid crystals widely used in teaching learning process.
a. VCD
b. Large Screens
c. Audio books
d. LCD
- When there is an interruption in _____ process it acts as a barrier between the sender and the receiver.
a. Learning
b. Technology
c. Communication
d. Assessment
- To share text documents, images the major component mode depended upon for a wider connectivity and access is
a. Bluetooth
b. Wireless
c. Internet
d. Intranet
- The role of a teacher in a computer based classroom is to effectively
a. teach
b. direct
c. do practical
d. manage
- Multi-modal live communication from one place to another is possible through
a. news groups
b. chat box applications
c. video-conferencing
d. blogging

Part B

5 x 4 = 20

Answer the following questions

Answers should not exceed 200 words or one page

11. a. Elucidate the meaning and scope of ICT in Education.
(or)
11. b. Discuss the problems in 'adoption' of ICT in the developing countries.
12. a. Analyze the digital divide with regard to ICT based education between the urban and rural background in the Indian scenario.
(or)
12. b. Verify the probable outcomes of a fully ICT based syllabus at the secondary level.
13. a. Enumerate the barriers in 'accessing' ICT in the day-to-day teaching learning process by a classroom teacher.
(or)
13. b. Justify, how does teacher's lack of awareness about proper utility of ICT affects teaching learning effectiveness.
14. a. Write a note on the varied roles of a teacher in a ICT based classroom.
(or)
14. b. Present a brief illustration on how to use ICT as a tool to teach social sciences effectively.
15. a. Infer the place of 'e-books' and 'digital lessons' as ICT tools of learning. Present illustrations.
(or)
15. b. Analyze how online courses are viewed by the present day students. Present your opinion on the future of online courses.

Part C

5 x 7 = 35

Answer the following questions

Answers should not exceed 600 words or three pages

16. a. Describe the key issues related to 'curriculum and usage', 'capacity building of teachers' to the context of ICT adoption and access.
(or)
16. b. Write a detailed note on the various ICT based technologies used at the secondary level teaching-learning.
17. a. Analyze the need and significance of ICT orientation and training for teachers in the present day context.
(or)
17. b. 'A well-equipped ICT enabled classroom provide a global learning exposure to the students'. Comment.
18. a. Suggest ways and means to effectively put to use the following ICT based materials in teaching-learning process with illustrations.
i. Mobile applications ii. Animations iii. Video lessons
(or)
18. b. Highlight how ICT is being used to improve the effectiveness in the assessment of teaching-learning at the secondary level. Present illustrations.
19. a. Present your observations on the following ICT practices in our school system.
i. Students participation in ICT access and practice
ii. Amalgamation of ICT in other subjects.
(or)
19. b. Critically examine the ICT based learning strategies of the present day students and teacher. Suggest ways to fill the ICT based knowledge gap between students and teachers.
20. a. Discuss the advantages and limitations of conventional teaching approaches and ICT based approaches with examples.
(or)
20. b. Highlight the importance of online study materials as a source for learning. Enumerate the steps involved in the preparation of online study materials.
