

**MA EDUCATION
THIRD SEMESTER
EDUCATIONAL TECHNOLOGY
MAE-305**

[USE OMR SHEET FOR OBJECTIVE PART]

**SET
B**

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

Marks: 20

(Objective)

Choose the correct answer from the following:

1×20=20

1. Hardware and software come under which ICT infrastructure category
 - a. Textbook learning
 - b. Blended learning
 - c. Enabling infrastructure
 - d. Online learning
2. Simulation is an accurate representation ofsituation.
 - a. Visual
 - b. Realistic
 - c. Verbal
 - d. None of these
3. Audio-visual aids can make the learning experience more:
 - a. Concrete
 - b. Dynamic
 - c. Realistic
 - d. All of these
4. Evaluating effectiveness in achieving the objectives of system approach involves:
 - a. Applying criterion test to determine how students have fared
 - b. Determining which objectives have been achieved
 - c. Determining broad aims of the course
 - d. All of the above
5. Educational technology is theof scientific principles to education.
 - a. Development
 - b. Application
 - c. Facilitate
 - d. Improvement
6. The students learn better and faster when they are actively participating in the teaching learning process. This principle is known as:
 - a. Principle of reinforcement
 - b. Principle of active responding
 - c. Principle of stimulus variation
 - d. None of these
7. The main basis of educational technology in the classroom is to provide a:
 - a. Hardware
 - b. Software
 - c. Multisensory
 - d. Management
8. Communication is aprocess.
 - a. Two way
 - b. Interactive
 - c. One way
 - d. None of these
9. Liner programming is also known as:
 - a. Intrinsic
 - b. Typing
 - c. Extrinsic
 - d. None of these

10. Post active phase of teaching provides:
 - a. Consist of decision making strategies
 - b. Corrective and remedial scope of teaching
 - c. Whole teaching learning process
 - d. All of these
11. The use of technology to enhance learning process is calledin education.
 - a. IT
 - b. IMF
 - c. ICT
 - d. PERT
12. In programmed learning, the learner progresses at his:
 - a. Psychological
 - b. Small steps
 - c. Own pace
 - d. Dynamic
13. The advantages of the Flanders interaction analysis system are:
 - a. Concentrates on verbal behavior only
 - b. Does not consider classroom interaction
 - c. Equates silence with confusion
 - d. Helps in understanding analytically about the classroom situation
14. The FIACS, teacher indirect influence consist of soliciting the opinion of pupils and it includes category:
 - a. 4, 5 and 6
 - b. 1,2 and 3
 - c. 3, 4 and 5
 - d. 7, 8 and 9
15.is the heart of the teaching learning process.
 - a. Interaction
 - b. Cooperation
 - c. Analysis
 - d. Evaluation
16. Programmed instruction is a carefully specified, systematically planned and skillfully analyzed technique which is:
 - a. For evaluation by teacher
 - b. Used to teach a class
 - c. A self instructional technique providing individualized instruction
 - d. Both a and b
17. System approach is basically aapproach.
 - a. Management
 - b. Teaching
 - c. Evaluation
 - d. Interrelationship
18. The origin of hardware approach is based on the application ofto education system.
 - a. Biological science
 - b. Chemical science
 - c. Social science
 - d. Physical science
19. Sender, and..... the message to receiver.
 - a. Formulates, decodes and transmits
 - b. Formulates, encodes and transmits
 - c. Medium, message and transmits
 - d. Transmits, decodes and interprets
20. A system oriented teacher does:
 - a. Thoroughly assess the inputs of his system
 - b. Gathers less data about his subject matter
 - c. Make the system more rigid
 - d. All of these

-- --- --

(Descriptive)

Time : 2 hr. 30 mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

- | | |
|---|----------|
| 1. Define educational technology. What are the micro and macro level objectives of educational technology? | 3+7=10 |
| 2. What do you mean by instructional technology? Discuss the differences between instructional technology and educational technology. | 4+6=10 |
| 3. Explain the concept of programmed instruction. Discuss its nature and fundamental principles. | 4+6=10 |
| 4. Critically discuss the intrinsic and extrinsic programming. | 10 |
| 5. Elucidate the meaning of communication. What are its different forms? How can you overcome the barriers of communication? | 2+5+3=10 |
| 6. Discuss in detail Flanders ten categories system by outlining encoding and decoding process. | 10 |
| 7. Explain the term audio-visual aids as used in the field of education. Discuss some projected and non-projected aids used in teaching learning process. | 4+6=10 |
| 8. Write short notes on: (any two)
a) Simulated teaching
b) Task analyses
c) Projected and non-projected aids
d) Role of educational technology in distance education | 5+5=10 |

== == *** == ==