

MA EDUCATION
THIRD SEMESTER [SPECIAL REPEAT]
EDUCATIONAL TECHNOLOGY
MAE – 305

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

(Objective)

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

1. Macro level objective of educational technology refers to
 - a. Specific classroom objectives
 - b. Effectiveness of classroom teaching
 - c. Educational needs and aspirations of the community
 - d. Methodology and instructions in a school
2. The hardware technology of education implies use of
 - a. Charts and models
 - b. Programmed learning
 - c. Psychology of learning
 - d. Tools of evaluation
3. In programmed learning, the learner progresses at his
 - a. Psychological
 - b. Small steps
 - c. Own pace
 - d. Dynamic
4. Simulation is an accurate representation ofsituation
 - a. Visual
 - b. Realistic
 - c. Verbal
 - d. None of these
5. 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
6. Audio-visual aids can make the learning experience more
 - a. Concrete
 - b. Dynamic
 - c. Realistic
 - d. All of these
7. 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
8. 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

9. is the heart of the teaching learning process.
 - a. Interaction
 - b. Cooperation
 - c. Analysis
 - d. Evaluation
10. Educational technology is the of scientific principles to education.
 - a. Development
 - b. Application
 - c. Facilitate
 - d. Improvement
11. 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
12. 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
13. System approach is basically a approach
 - a. Management
 - b. Teaching
 - c. Evaluation
 - d. Interrelationship
14. The main basis of educational technology in the classroom is to provide a
 - a. Hardware
 - b. Software
 - c. Multisensory
 - d. Management
15. The origin of hardware approach is based on the application of.....to education system
 - a. Biological science
 - b. Chemical science
 - c. Social science
 - d. Physical science
16. Communication is aprocess
 - a. Two way
 - b. Interactive
 - c. One way
 - d. None of these
17. 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
18. Liner programming is also known as
 - a. Intrinsic
 - b. Typing
 - c. Extrinsic
 - d. None of these
19. 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
20. 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

(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

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

- | | |
|--|--------|
| 1. Explain the concept of educational technology. What are the micro and macro level objectives of educational technology? | 3+7=10 |
| 2. Describe the hardware and software approach to educational technology. | 10 |
| 3. Explain the concept of programmed instruction. Discuss its nature and fundamental principles. | 4+6=10 |
| 4. Critically discuss the intrinsic programming. | 10 |
| 5. Elucidate the meaning of communication. What are its different forms? | 3+7=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 (<i>any two</i>) | |
| a) Simulated teaching | 5+5=10 |
| b) Task analyses | |
| c) Barriers of communication | |

= = *** = =