

Essentials of Instructional Technology:

M.Marks 80

Unit I

Teaching & its Models

- i) Concept of teaching.
- ii) Characteristics & Functions of teaching.
- iii) Phases of teaching (Jackson)
- iv) Principles & Maxims of teaching
- v) Concept Attainment Model (J.Bruner)
- vi) Synectics Model (W.Gordon)

Each Model is to be discussed along the following:

Syntax, Social system, Principles of Reaction, Support System, Instructional effect, Application.

Unit II

Audio-Visual Aids & Teaching Devices.

- i) Meaning & Advantages of A-V-aids
- ii) Types of Audio-Visual Aids
 - a) Projected : Film, Film Straps, Overhead Projector, Slides.
 - b) Non-Projected : Graphics, 3-D aids, Display boards, Audio aids.
 - c) Use of Radio, TV & Newspaper as teaching aids.
- iii) Teaching Devices
 - a) Meaning & Importance
 - b) Home Assignment, Discussion, Dramatization.
 - c) Illustration, Lecturing, Narration.
 - d) Observation, Source Method, Story Telling
 - e) Study habits & Supervised Study.

Unit III

Techniques of Teacher-Preparation.

- i) Microteaching - Nature & Meaning, Main proposition, Phases, Steps, Merits & Limitations.

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| | ii) | Simulated | - | Nature & Meaning, Mechanism, | Teaching |
| | | Role Play & T-group. | | | - |
| | | Advantages & Limitations. | | | |
| | iii) | Programmed | - | Meaning & Characteristics, | |
| Learning | | - | | Principles & Development of the Programmed | |
| | | instructions. | | | |
| - | | Types. | | | - |
| Merits & Demerits. | | | | | |

Unit IV **Taxonomy of Educational Objectives & Lesson Planning.**

- i) Bloom's Taxonomy of instructional objectives:
 - Cognitive, Affective & Psychomotor domains
- ii) Formulation of Instructional Objectives (Mager's)
 - i) Meaning & Significance of lesson planning
 - ii) Approaches to Lesson planning.
 - a) The Herbartian Steps.
 - b) Gloverian approach.
 - iii) Skill lesson & Appreciation lesson.

Unit V **A detailed discussion of the following:**

- i) Play Way Method
- ii) Dalton Plan
- iii) The Project Method
- iv) Heuristic Method.

Note for Paper Setter:

The paper setters shall set two questions from each unit with internal option. A candidate shall have to attempt five questions. There shall be however, no overall option in the question paper.

