APPENDIX -F

ACHIEVEMENT TEST (FIRST DRAFT)

Q.1 Which of the following purposes are fulfilled with the use of Educational Technology?
   a) Teacher training  
   b) To achieve educational objectives  
   c) Provide feedback and evaluation  
   d) All of the above.

Q.2 Which is not the application of system approach
   a) Production of teaching-learning material  
   b) Curriculum Development  
   c) Improvement in teaching-learning processes.  
   d) For developing teaching skills.

Q.3 For effective communication in a class a teacher Shd. Have
   a) Knowledge of subject matter  
   b) Clarity of concepts  
   c) Mastery over the Language  
   d) All of the above.

Q.4 Richard Suchman is credited for the development of a teaching model designated as
   a) Classroom management model  
   b) Inductive thinking model  
   c) Inquiry Training Model  
   d) Social Inquiry Model.

Q.5 Learner oriented strategy of teaching is ..................
   a) Programmed Instruction  
   b) Assignment  
   c) Independent Study  
   d) All of the above.

Q.6 Role – Playing is developed by using
   a) Micro Teaching Technique  
   b) Simulation Technique  
   c) Interaction Analysis  
   d) Gaming.

Q.7 In computers all the processing takes place in
   a) Ram  
   b) Harddisk  
   c) CPU  
   d) ROM.
Q.8 Which of the following is Computer Virus
a) I Love you          b) Home Page
c) Code Red           d) All of the above

Q.9 Flander's Interaction Analyais technique is used for modify and improving
a) Non-Verbal Behaviour     b) Verbal Behaviour
c) Both Behaviours         d) Name of the these

Q.10 The technique for improving teacher's efficiency in class-room teaching is
a) Simulation Technique     b) Micro-Teaching
c) Interaction Analysis     d) Action Research

Q.11 The main component of teaching is
a) Communication            b) Content
c) Both of these            d) None of these

Q.12 The main form of Educational Technology is
a) Instructional Technology b) Teaching Technology
c) Training Technology      d) All of the above

Q.13 What are the components of Information System are
a) Software                 b) Hardware
c) Communication           d) All of the above

Q.14 Flander's Interaction Analysis involves
a) Encoding Process         b) Decoding Process
c) Both of these            d) None of these

Q.15 Which of the following is not true
a) Action Research improves the practices or work conditions of the people who conduct such researches.
b) Action Research concerns with the building of theories and principles.
c) In action Research the person who conducts the research and applies the findings of the research is one and the same.
d) In doing action research, the researcher may also communicate the findings of his research to others.
Q.16 The main phase of teaching is
   a) Interactive   b) Preactive
   c) Postactive   d) All of the above

Q.17 Who is credited to provide nine specific phases or steps for the adoption of role playing strategy in any classroom situation.
   a) Joyce and Weil   b) B.F. Skinner
   c) N.A. Flander   d) S.S. Kalkami

Q.18 Which of the following is a advantage of Role-Playing
   a) Immediate Reinforcement
   b) Developing Specific Teaching Skills
   c) Development of Social Skill
   d) Source of Learning

Q.19 Tell which one of the following pairs is unmatched
   a) Jean Piaget – Development Model
   b) Richard Suchman – Inquiry Training Model
   c) Mastery Learning Model – Cox and Byeon
   d) Robert Glaser – Basic Teaching Model

Q.20 Self-Study Instruction is known as
   a) Programmed Instruction   b) Piaget Method
   c) Field Trips   d) Discussion Method

Q.21 Which of the following is not true
   a) Mainframe can be safely used as servers in Wide Area Network (WAN)
   b) Smart Cards are the latest development in the field of electronic funds transfer
   c) Backspace key on the keyboard of your personal computer is used to erase the character to the right of the cursor position.
   d) In software classification, compiler can be classified as a system software.

Q.22 Classroom Teaching Skills are developed by using a feedback device.
   a) Senitation Technique   b) T-Group Technique
   c) Micro – Teaching   d) Programmed Instruction
Q.23 The component behavior of a skill named as 'Appropriateness of the Approach' belongs to the skill of
a) Introducing the lesson  b) Explanation
c) Reinforcement  d) Illustration with examples

Q.24 Educational Technology has made Educational Process
a) Child Centred  b) Teacher – Centres
c) Content Centred  d) Objective Centred

Q.25 The fear that research is only a job of highly qualified person is dispelled by the type of research known as:
 a) Action Research  b) Pure Research
c) Fundamental Research  d) Experimental Research

Q.26 The Exponent of Action Research is
a) Kurt Lemin  b) Stephen M. Covey
c) Mc Threte  d) John Lo Besh

Q.27 Which one of the following statement is not true
 a) Method of behavior ratios provides, qualitative analysis of teacher behavior.
b) Method of Interpretation Categories Provides quantitative analysis of teacher behavior.
c) For the recording of classroom events the observer must memorize the category number in relation to the component behavior.
d) Silence or Confusion is given the category or Code number 10 for the recording of classroom events in Flander's system.

Q.28 The different media of information Technology are
a) Magazines  b) Models
c) Encylopedia  d) All of the above

Q.29 Which is the Characteristics of Communication
a) Improvement in Curriculum  b) Interactive Process
c) Provides Learning Experience  d) Appropriate Selection of Media

Q.30 Role Playing Strategy of Teaching is used for
a) Teaching  b) Training
c) Modification  d) Curriculum Construction
Q.31 Which of the following human features for interaction in society are developed by gaming –
   a) Cooperation        b) Adjustment
   c) Bargaining          d) All of the above

Q.32 Micro – Teaching device is designed by
   a) Cruck Shank         b) Flander
   c) Buch & Allen        d) Skinner

Q.33 WAN stands for
   a) World Area Network  b) West Area Network
   c) Wild Area Network   d) Web Area Network

Q.34 Branching Programme is based on which of the following theory –
   a) Psychological       b) Individualized Instruction
   c) Scientific Theory   d) Behaviour Modification

Q.35 ‘Social Inquiry Model’ has been developed by
   a) Jean Piaget          b) Robert Glaser
   c) Richard Suchman     d) Byron and Cox

Q.36 The main aspect of Edicial Technology is
   a) Output              b) Input
   c) Process             d) All of the Above

Q.37 Which of the following is the problem of Action Research
   a) Solving the problems of class-room discipline.
   b) Developing interest and attitudes of Students towards studies.
   c) Solving the problems of school administration
   d) All of the above

Q.38 In which of the following area Indirect or Direct influence of Teacher Talk was sustained
   a) Area G with E        b) Area H with F
   c) Area F with G        d) Area E with H

Q.39 Main type of Media
   a) Print                b) Non-Print
   c) Both of these        d) None of these
Q.40 Which of the following is included in Language Barriers
a) Premature Evaluation  b) Excessive Verbalism
c) Improper Sitting Arrangement  d) Heterogenous Group

Q.41 The component behavior of a skill names as 'Redirection' belongs to the skill of –
   a) Explanation  b) Probing Questions
c) Reinforcement  d) Skill of Illustration with examples

Q.42 The duration of Micro-Teaching Cycle is
   a) 32 min.  b) 26 min.
c) 30 min.  d) 36 min.

Q.43 The latest model of computer is
   a) Super Computer  b) Mainframe Computer
c) Micro Computer  d) Mini Computer

Q.44 Computer is an ..................
   a) Electronic Machine  b) Electronic Brain
c) Electronic Device  d) All of the above

Q.45 The development of Linear Programme was done by –
   a) Narman A. Crowder  b) Pavlov
c) B.F. Skinner  d) Robert Mager

Q.46 Mastery Learning Model was given by
   a) J. Bruner  b) B.S. Bloom and John Carroll
c) B.F. Skinner  d) Robert Gagne

Q.47 Which of the following is the frame of Mathetics Programme
   a) Prompt  b) Introducing
c) Testing  d) Teaching

Q.48 Which of the following needs and purposes are not served by 'Educational Technology'.
   a) Development of Suitable Curriculum.
b) Selection of a proper Philosophy of education.
c) Identification of Need and Character of the Pupil
d) Helps in identifying the available teaching learning material and resources.

Q.49 Which of the following is not the step of Action Research
   a) Defining and Delimiting the Problem
   b) Formulation of Hypothesis
   c) Collection of data from various sources
   d) Evaluation of the results of Hypothesis.

Q.50 A good Research worker should have the following characteristics:
   a) Open-Mindedness
   b) Creative and Imaginative
   c) Scientific Attitude
   d) All of the above

Q.51 In Flader’s Interaction Analysis if there is shifting from one category to another are found frequently it represents –
   a) Verbal and Non-Verbal Communication is more flexible
   b) Confusion is more in the classroom
   c) Students are more active
   d) Teacher is inactive in the class

Q.52 Non-Print Media is
   a) T.V.
   b) Radio
   c) Both of these
   d) None of these

Q.53 Small Group Communication involves Communication among
   a) Members of the family
   b) Students of a class
   c) Meeting among colleagues
   d) All of the above

Q.54 The nature of Interaction in classroom is
   a) Verbal
   b) Non-Verbal
   c) Verbal and Non-Verbal
   d) None of these

Q.55 Educational computer’s main service is ..........
   a) E-mail
   b) Internet
   c) E-Com
   d) All of the above

Q.56 The main characteristics of a computer is ......
   a) Speed
   b) Accuracy
   c) Automation
   d) All of the above
Q.57 Task of Computer is to encourage
a) Active Participation  b) Self Control and direction
c) Feedback  d) All of the above
Q.58 The main use of computer is education is ............... .
a) Teaching Learning  b) Instruction
c) a and b  d) Reinforcement
Q.59 Which of the following is the limitation of Tele Conference
a) Costly  b) Useful for Large group groups
c) Immediate Feedback  d) Motivation
Q.60 Which type of communication Media doesn’t have any direct face-to-face communication
a) Multi-Media  b) Mass Media
c) Audio-Visual Media  d) None of these
Q.61 The main principle of Linear Programme is .............
a) Self-Pacing  b) Active Responding
c) Immediate Feedback  d) All of the above

Fill in the blanks
Q.62 Educational Technology is concerned with the systematic application of Science and Technology is the field of ............... 
Q.63 The term ............... as an element of teaching model refer to the description of the model in action. 
Q.64 In teaching, the feedback is provided at ......... phase of teaching. 
Q.65 Role-Playing gives immediate ......... for the modification of behaviour. 
Q.66 Gaming provides valuable ......... experiences in a relaxed and spontaneous situation. 
Q.67 Action Research is the research by the Practitioner, of the Practitioner and for the
Q.68 There are _______ categories of _______ behavior in the Flander’s interaction analysis system.

Q.69 Television is _______ effective than Radio.

Q.70 Effective classroom communication is achieved when there is a healthy _______ among students and teachers.

Q.71 Programmed Instruction is _______ instruction.

Q.72 Set of rules observed by the software utilized in the Computer machines cooperating in the internet operations is called Internet _______.

Q.73 In Instructional Technology instructional material is arranged in _______ form acr. To the needs, abilities and requirements of the _______.

Q.74 Models of teaching is a blue-print designed in advance for providing necessary directions to the _______ for the achieving objectives.

Q.75 _______ is a sealed down teaching encounter in class size and time.

Q.76 Audio-Visual switching refers to the _______ in the use of medium.

Q.77 Fundamental Research in the area of education is mostly concerned with the development of _______ by discovering broad generalizations.

Q.78 _______ helps in recording the classroom events in a meaningful way.

Q.79 Three stages of teaching: Preactive Stage, _______ stage and postactive stage.

Q.80 Educational Television and Radio are _______ media.

Q.81 Information Technology is useful for researches for getting _______ information.

Q.82 Television and Radio is the best means of _______ for communicating with a large no. of peoples.

Q.83 There is arrangement for _______ differences is programme learning.

Q.84 The Presentation is done on _______ page in Branching Programme.

Q.85 ‘Teaching Technology’ is a branch of Educational Technology meant for the _______ teachers.

Q.86 _______ is the Central aspect of a teaching model.

Q.87 Action Research is focused on the immediate _______ and the solution of those within the available resources.
Q.88 In the construction of the interaction matrix in Flander's system, we have to add the no. ________ to the beginning and end of the series unless it is already present.

Q.89 In Mathematics ________ chaining is used.

Q.90 The major features of computers are speed, accuracy and ________.

Q.91 Instruction Technology is meant for helping the instructor to complete the desired ________ task.

Q.92 In a well organized institution the latest approach in communication is ________ approach.

Q.93 Television is a ________ medium.

Q.94 Information Technology can be used for solving problems and to take ________ decisions.

Q.95 Most of the research work done by professional students of educational research is not noticed by the ________ in the field of education.

Q.96 Action Research helps in solving the ________ educational problems.

Q.97 Teaching is a system of actions intended to induce ________ through interpersonal relationship.

Q.98 Error Rate is ________ criteria of Evaluation.

Q.99 In programmed instruction ________ objectives all achieved.

Q.100 Computer is used in ________ services.

Q.101 Educational Technology involves two approaches : Hardware and ______

Q.102 The major contribution of Educational Technology in education is the use of various ________.

Q.103 Mastery Learning Models helps to develop ________ ability in learners.

Q.104 Flander's Interaction Analysis System is used in ________ work in the area of teaching.

Q.105 The use of Flander's Interaction Analysis is in terms of time, Labour and money.

Q.106 There are mainly two techniques used in designing the frame i.e. primary and ________
Q. 107 0 Percent conditioning has given birth to most of the _______ modification models.

Q. 108 The major functions of computer are to encourage the learners for active and fast ________

Q. 109 Inquiry can be conducted at individual as well as at _________ level.

**True/False**

Q. 110 There is no difference between teaching models and theories of teaching.

Q. 111 Role-Playing is a strategy in which a well planned situation is dramatized by a group of students by playing specific roles.

Q. 112 Micro-Teaching is used for developing social skills in teachers.

Q. 113 Refocussing is used in a correct Response situation to strengthen the response given by pupil.

Q. 114 Good Teachers are always Good Communicators.

Q. 115 Educational Radio is a non-print media.

Q. 116 Television is more useful than Radio.

Q. 117 Action Research emphasizes on a real practical problems not in local applicability but in terms of universal validity.

Q. 118 A teacher conducts action research to improve his teaching skills.

Q. 119 The Book of 'Teaching Models' is written by 'Joyce and Weil'.

Q. 120 Computers provide both simulated and non-simulated situations for gaming.

Q. 121 Teaching Machines are an important part of Auto-Instruction.

Q. 122 Flander has considered teaching as Interactive process.

Q. 123 Programmed Instruction is a group-controlled Instruction.

Q. 124 Mouse is an alternative device to the Keyboard for controlling the movement of the cursor on the computer screen.

Q. 125 WAN is a costly means of communication.
Q.126 Action Research inculcates a spirit as well as ability in the practitioners to improve their practices.

Q.127 Television is a Print Media.

Q.128 Radio is an Audio-Visual medium.

Q.129 Flander's System of Interaction analysis represents a good example of category system.

Q.130 In Linear Programming there is emphasis on feedback.

Q.131 E-commerce is used for buying, selling and sharing information.

Q.132 Information Technology in Education is developed in Britain.

Q.133 Television is an Audio-Visual Medium.

Q.134 Matrix table of the Flander's Interaction Analysis system consists of 12 rows and 12 columns.

Q.135 The use of 'Educational Technology' in the field of Distance Education is for in-service teacher education.

Q.136 Teaching and Learning are two different Inter-related activities.

Q.137 Educational Technology in education makes teaching learning process efficient and objective centred.

Q.138 "Accepts or uses pupils Idea" falls into direct influence of Teacher Talk Section of Flander's Interaction Analysis Categories.

Q.139 Body Language is an important mode of Non-Verbal Communication.

Q.140 The use of Audio-Visual aids in teaching-learning is known as 'Educational Technology'.

Q.141 Proper division of content into units and subunits helps in the process of communication.

Q.142 The teaching skill known as 'Introducing the lesson' belongs to the planning stage of a lesson.
Q.143 In gaming unplanned and unorganized playing activities and games are utilized for educational purposes.

Q.144 In Role-Playing strategy the role or situation doesn't have any connection with real life.

Q.145 Various Teaching skills are developed with the help of Micro-Teaching.

Q.146 Complete the communication cycle.

Q.147 Write down the missing step is Glaser’s basic teaching model?

Q.148 Complete the diagram of Branching program?
Q. 149 Complete the arrangement of frames in linear programming.

Q. 150 Complete the Diagram

Q. 149 Complete the arrangement of frames in linear programming.

Q. 150 Complete the Diagram