APPENDIX - I

UNIVERSITY OF CALICUT
DEPARTMENT OF EDUCATION
2005

(DRAFT)

TEST OF AWARENESS ON INSTRUCTIONAL TECHNOLOGY

Dr.V.Sumangala
Professor and Head
Department of Education

K.S.Krishna Kumar
Research Scholar

Instructions

This is a test of awareness on Instructional Technology among primary school teachers of Kerala State. The test is devised as a part of a research project in Education. Read each question carefully. For each item try to mark the answer that you find as most correct one, using ‘✓’ mark in the response sheet given to you along with the test.

For example,

<table>
<thead>
<tr>
<th>Item No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Regarding this research project your each response is valuable, so that try to respond to all the questions. Answers and scores of the test will be used only for research purposes.
1. Instruction becomes more effective and interesting when, it is in the form of
   A. Learning by hearing                      B. Learning by doing
   C. Learning by seeing                      D. Rote-learning.

2. While utilising contents/features in Newspapers, which of the following has instructional perspectives?
   A. Editorial and articles                  B. News, advertisements, and reports
   C. All of the above                        D. None of the above

3. Which of the following has better scope for instruction with direct purposeful experiences?
   A. Still Pictures                          B. Movies
   C. Models                                  D. Study Tour

4. Cartoons are meant
   A. Only for Ironical illustrations of political issues
   B. Only for Entertainment purposes
   C. Not at all for Instructional purposes  D. also for instructional purposes

5. Which of the following is most suggestible in the case of preparation of Teaching Learning Materials?
   A. Preparing by teachers.                  B. Preparing by Learners
   C. Preparing cooperatively by teacher and pupils
   D. Preparing by commercial Institutions

6. Which of the following is most recommendable tool for pupils to collect data for preparing a Local History?
   A. District Map                           B. Historical Encyclopedias
   C. Text Books                             D. Interviews.
7. Which of the following has more utility for making pupils aware about environmental issues?
   A. Charts and Cards  B. Video presentation
   C. Posters and Audiocassettes  D. All of the above

8. Which of the following is most effective for creating awareness about human rights among pupils?
   A. Collection of pictures  B. Slide presentation
   C. Film strips presentation  D. Bit notices and Debates

9. Which of the following is known as ‘Socratic Method’ in instruction?
   A. Cooperative Learning  B. Dialogic Learning
   C. Collaborative Learning  D. Self regulated Learning.

10. Which of the following was the important instructional method suggested by Jerome S. Bruner?
    A. Discovery Learning  B. Programmed Learning
    C. Drill Method  D. Rote Learning

11. The Approach that considers the components like inputs, processes, and outputs in Instruction is
    A. Systems Approach  B. Integrated Approach
    C. Hardware Approach  D. Spiral Approach

12. Programming Learning Materials are part of
    A. Competency based Approach  B. Software Approach
    C. Vocation based Approach  D. Problem solving Approach

13. Which of the following is effective for nurturance of creativity among pupils?
    A. Literary creation activities  B. Construction activities
    C. Problem solving  D. All of the above
14. The basic concern of Integrated Approach is
   A. Importance of National Integration
   B. Diversity in the Learner characteristics
   C. Utility of instructional aids
   D. Natural inter-relationship between contents

15. Multi-media Approach in Instruction is intended for
   A. Effective utilisation of multimedia computers
   B. Effective utilisation of the same medium
   C. Effective utilisation of two media
   D. Effective utilisation of different media and sense organs

16. The basic concern of Multi-level Instruction is
   A. Variety of subjects in curriculum
   B. Variety of instructional skills among teachers
   C. Variety of learning paces and learning styles among pupils.
   D. None of these

17. Dramatics and assimilation of facts are major components of
   A. Brain Storming
   B. Peer Tutoring
   C. Programmed Learning
   D. Role Play

18. Which of the following approach adopts a method of revisiting the same content in different instructional situations, in different levels, and in different angles to make pupils to acquire higher competencies?
   A. Integrated Approach
   B. Spiral approach
   C. Multi level Approach
   D. Thematic Approach

19. The first step in ‘Problem Solving Approach’ is to
   A. Assign duties after forming different groups
   B. Use Process Skills
   C. Make felt the problem
   D. Identify solutions for the problem.
20. According to ‘Constructivism’, the creator of knowledge is

A. Society  
B. Teacher  
C. Child  
D. Parents

21. Pick out the odd from the following.

A. Collage  
B. Charts  
C. Film  
D. Posters

22. Which is the method in which specially trained and more able pupils teach and help the less able pupils?

A. Team Teaching  
B. Remedial Teaching  
C. Cognitive Guided Instruction.  
D. Peer Tutoring.

23. Which of the following is to be considered as the basic, among individual needs in instructional contexts?

A. Safety Needs.  
B. Physiological Needs  
C. Love and Belongingness  
D. Self Actualisation

24. Which is the main attribute of Programmed Learning?

A. Social Interventions.  
B. Usage of modern Technologies  
C. Small units of contents  
D. Continuous interventions by the teacher

25. Which of the following is the method in which divergent thoughts, suggestions and ideas from the part of students are openly invited without any restrictions?

A. Programmed Learning  
B. Brain storming  
C. Cybernetics  
D. Realia.

26. The terms ‘positive exemplars’ and ‘negative exemplars’ are related to

A. Concept attainment  
B. Intrinsic Motivation  
C. Integrated Instruction  
D. Rote Learning

27. ‘Situated Learning’ is made actualized by

A. Explanations by the teacher  
B. Text Book Contents  
C. Social contexts  
D. Classroom Debates
28. Which is the highest form of behaviour in the ‘Cognitive Domain’ suggested by Benjamin S. Bloom and his colleagues?
   A. Evaluation  B. Comprehension  
   C. Synthesis  D. Analysis

29. While creating situations for ‘Insight Learning’, content is to be presented in the form of
   A. Whole  B. Parts  C. Theories  D. Definitions.

30. ’Team Teaching’ is intended to make utilise
   A. Cooperative mentality among pupils  
   B. Instructional skills of different teachers  
   C. Attitude to form groups among pupils  
   D. Different Instructional Aids

31. Which is the method effective for the application of ‘Heuristics’?
   A. Repetition  B. Projects  
   C. Remedial Teaching  D. Teaching Machines

32. Whole Language Philosophy reveals the
   A. Importance of studying more number of languages  
   B. Importance of different sub components of language  
   C. Importance of different language-discourses  
   D. Importance of alphabet and grammar

33. The instructional strategy that incorporates the traits like common learning goals, positive interdependence, dividing of learning content, opportunities for both individual and group learning, mutual sharing of discovered ideas, and betterment is
   A. Group Learning  B. Cooperative Learning  
   C. Programmed Learning  D. Self regulated Learning
34. Which is to be given importance in instruction?
   A. Processes  
   B. Products
   C. Inputs  
   D. All of the above

35. Following are statements related to the process of Evaluation. To which statement do you agree with?
   A. Evaluation is to be conducted only in the final phase of Instruction
   B. Evaluation is to be conducted separately from Instruction
   C. Evaluation is not related with learning activities
   D. Evaluation is to be continuously intervened with learning activities

36. Which of the following are traits of instructional methods based on Cognitive constructivism?
   A. Thought provoking and Process oriented
   B. Child centered and Activity based
   C. All of the above
   D. None of the above

37. Which of the following learning activities is with importance for Intra-personal Intelligence?
   A. Debates
   B. Recitation
   C. Discussions
   D. Diary Writing

38. Which of the following ‘Models of Teaching ‘ gives importance for social issues and social values?
   A. Concept Attainment
   B. Jurisprudential Inquiry
   C. Advance Organiser
   D. Contingency Management

39. While Jean Piaget explains the terms like assimilation, accommodation, and equilibration, what is to be give importance in the process of Instruction?
   A. Identification of learning disabilities.
   B. Incorporation of new experiences into existing knowledge
   C. Conduction of remedial teaching
   D. Group Instruction
40. What is the main aim of Continuous and Comprehensive Evaluation?
   A. Presentation of different subjects in the curriculum
   B. Use of different Instructional methods
   C. Variety of learning experiences
   D. Development of different skills of pupils

41. Which of the following incorporates activities like discovery learning, paper preparation, presentation, doubts clarification, discussion etc?
   A. Panel Discussions                  B. Debates
   C. Quiz Programme                    D. Seminars

42. Which of the following is not a Search Engine?
   A. Google                                B. Yahoo
   C. Pagemaker                            D. Excite

43. The concept ‘Universal Grammar’ basically relies on
   A. Learning of Grammar.
   B. Learning of English Language.
   C. Organic Language element in human brain
   D. Importance of Learning Alphabet

44. What is the main objective of ‘Language Laboratory’?
   A. Instruction of Grammar.            B. Training of Language Skills
   C. Language Translation               D. None of the above

45. After the process of instruction, which of the following is to be subjected for reflective analysis and evaluation?
   A. Appropriateness and effectiveness of the given learning experiences/situations
   B. Appropriateness and effectiveness of curricular objectives, and content
   C. Appropriateness and effectiveness of performances by the teacher and taught
   D. All of the above
46. Which application software is related with ‘portable document files’ (pdf)?
   A. CorelDraw                                       B. Acrobat Reader
   C. AVG                                            D. PageMaker

47. Which philosophy forms the basis of ‘Project Method’?
   A. Humanism                                       B. Idealism
   C. Naturalism                                     D. Pragmatism

48. What is the aim of giving assignments?
   A. Discoveries and individual learning            B. Utilisation of libraries
   C. Continuation of classroom activities           D. All of the above

49. Which is included in the process of ‘Assessment’?
   A. Self assessment and pupil assessment by the teacher
   B. Assessing the teacher and mutual assessment by the pupils
   C. All of the above                               D. None of the above

50. In which division, activities like observing, measuring, classifying, manipulating, hypothesizing through interaction with environment/objects are included?
   A. Language Skills                                B. Process Skills
   C. Concepts                                       D. Teaching Skills

51. Which of the following is not included in indicators of ‘Emotional Quotient’?
   A. Cooperativeness                               B. Stressful Thought
   C. Respect to others                             D. Self Control

52. The term ‘Mass Media refers to
   A. Radio, Newspaper, and Television
   B. Magazines, Weeklies, and other current issues
   C. Movies                                        D. All of the above
53. The pattern of recording the sub components of learning content on basis of their order, evolution, relation etc is
   A. Forward Branching       B. Backward Branching
   C. Flow Charting               D. Chaining

54. Which of the following is the trait of Gifted Pupils?
   A. Extra ordinary answers       B. Pace in problem solving
   C. High level comprehension skill    D. All of the above

55. 'Models of Teaching’ explains about
   A. Teaching phases/steps and direct/indirect learning effects
   B. Response styles of teacher, social structure of learning environments and support systems
   C. All of the above
   D. None of the above

56. Keller Plan is
   A. An Individualised instructional method
   B. A Teacher training method
   C. A Society-based instructional method
   D. Not an instructional method

57. Which of the following ‘Models of Teaching’ is included in the Information Processing family?
   A. Synectics                      B. Concept Attainment
   C. Role Play                     D. Jurisprudential

58. The least effective item in the Cone of Experience suggested by Edgar Dale was
   A. Dramatisation                 B. Linguistic symbols
   C. Still Pictures                D. Models
59. Micro Teaching is a

A. Science Instructional Method   B. Mathematics Instructional Method
C. Teaching Skills Training method   D. Computer Training Method

60. Which is to be considered as basis for Instructional Planning?

A. Content/Lessons   B. Instructional Materials
C. Learning Activities   D. Instructional/Curricular Objectives

61. Which of the following is to be considered for comprehensive analysis while planning for instruction?

A. Learning materials, learning activities and assignments
B. Curricular objectives, skills and products
C. All of the above   D. None of the above

62. Which is to be considered as basis for Evaluation?

A. Content/Lessons   B. Instructional Materials
C. Learning Activities   D. Instructional/Curricular Objectives

63. Which of the following is not included among Cognitive Constructivist Instructional strategies?

A. Dialogic Learning   B. Discovery Learning
C. Programmed Learning   C. Out door Learning

64. The concepts like ‘Zone of Proximal Development’ (ZPD), ‘scaffolding’ etc suggest for

A. Teacher support in Instruction   B. Peer support in Instruction
C. Societal support in Instruction   D. All of the above

65. During instruction, which strategy is useful for making questioning effective?

A. Repetition and redistribution of questions
B. Explanations for more clarity
C. Giving cues of correct answers
D. All of the above
66. Which of the following is the ‘Presentation Software’ that can be used for public/classroom presentations?
   A. MS Word  
   B. MS Excel  
   C. MS Access  
   D. MS PowerPoint  

67. Which of the following is included in EDUSAT services?
   A. Internet facilities  
   B. Multimedia lessons  
   C. VICTERS  
   D. All of the above  

68. The usages ’html’, ‘http’, ‘www’ etc are directly connected with
   A. Television  
   B. Newspapers  
   C. Radio  
   D. Websites  

69. As an instructional medium, the key attraction of computer is the
   A. Storage facility of instructional materials  
   B. Availability of colour printouts  
   C. Digital Technology  
   D. Potential for individualised instruction.  

70. Pick out the odd from following Television Channels
   A. Animal Planet  
   B. National Geographic Channel  
   C. Discovery Channel  
   D. Star World  

71. Criteria for selection of instructional media/equipments are
   A. Number of pupils, subject, time available, and financial status  
   B. Instructional capability of instruments and usage experience  
   C. Curricular Objectives  
   D. All of the above  

72. The main objective of Action research is
   A. Training in scientific research  
   B. Training in historical research  
   C. Problem solving  
   D. Science experimentation
73. Which of the following schools emphasized the importance of pupils’ freedom in instructional process?
   A. Behaviorism                              B. Humanism
   C. Structuralism                            D. Idealism

74. Which of the following is not an ‘Operating System’?
   A. Windows                                  B. Unix
   C. Nero                                     D. Linux

75. In ‘Classroom Communication’, which is to be given importance?
   A. Feedback                                 B. Motivation
   C. Two way communication                    D. All of the above