INSTRUCTIONS TO THE CANDIDATE
(Read the Instructions carefully before Answering)

SPACE FOR ROUGH WORK

Time : 2 Hours   **Marks : 100**

Instructions :

i)   Each question carries *one* mark and ¼ negative mark for every wrong answer.

ii) Choose the correct or most appropriate answer from the given options to the following questions and darken, with Blue/Black Ball Point Pen, the corresponding digit **1, 2, 3** or **4** in the circle pertaining to the question number concerned in the OMR Answer Sheet, separately supplied to you.

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1.   The following are three statements. Read them carefully. Identify the correct alternative from the given alternatives.

A: 'Student recalls the procedure of derivation of the formula $(-\sin^2\theta + 1 = \cos^2\theta)$' is the specification of knowledge objective.

B :   'Drawing a histogram' is a specification of cognitive objective.

C :   'Student compares' is not at all an objective.

If 'T' stands for 'True' and 'F' stands for 'False', Identify the correct alternative from the following :

(1) A-T; B-F; C-T   (2) A-T; B-F; C-F   (3) A-T; B-T; C-F   (4) A-F; B-T; C-T

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2.   Name the psychologist who experimentally proved that for learning mathematics, general intelligence (G factor) is sufficient and there is no necessity of special intelligence (S factor).

(1) Skinner   (2) Spearman   (3) Sigmand Freud   (4) Thorndike

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3.   On dictation, a child writes 45, in stead of 405. Further he reads it as forty (40) five (5). Committing this type of mistake is known as

(1) Dyscalculia   (2) Dyslexia   (3) Dysgraphia   (4) Dysfacia

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4.   Thinking about one's own issues is closely related to

(1) Inductive   (2) Deductive

(3) Problem-solving   (4) Heuristic

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5.   A mathematics teacher used all the appropriate media like real objects, charts, pictures, photos etc and created interest in the students towards the new lesson. The law of learning used by the teacher is

(1) Law of effect   (2) Law of readiness

(3) Law of exercise   (4) Law of preparation

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6.   The concepts, which are formed by higher order thinking process, are

(1) Concrete concepts   (2) Complex concepts

(3) Abstract concepts   (4) Simple concepts

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7.   The teaching-learning strategy evolved out of the principle, "Praise and Reward encourages learning", is

(1) Programmed learning   (2) Team teaching

(3) Peer learning   (4) Co-operative learning

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8. The type of disability when the children face problem in reading, writing, understanding or listening the mathematical calculations, is
   - (1) Reading Disability
   - (2) Writing Disability
   - (3) Learning Disability
   - (4) Hearing Disability

9. If a student solves the mathematical problems in different novel ways and expresses his views in a novel way, then he is called a/an
   - (1) Creative student
   - (2) Intelligent student
   - (3) Bright student
   - (4) Abnormal student

10. The work in mathematics that is mainly based on the principle of Law of Exercise is
    - (1) Black Board work
    - (2) Oral work
    - (3) Written work
    - (4) Drill and Practice

11. If the teacher uses the construction of a concept as a teaching approach, the abilities that can be developed in the student are
    - (1) Observation and Classification
    - (2) Classification and Analysis
    - (3) Analysis and Observation
    - (4) Observation, Classification and Analysis

12. "Mathematics is the queen of Sciences and Arithmetic is the queen of all mathematics" was said by
    - (1) Gauss
    - (2) Bacon
    - (3) Comte
    - (4) Lindsay

13. The following are a few important characteristics of mathematics.
    a) Structure   b) Precision   c) Abstractness   d) Static
    Identify the correct one
    - (1) a, b, c
    - (2) a, b, d
    - (3) c, b, d
    - (4) a, c, d

14. 'Brahma Sphuta Siddhanta' was written by
    - (1) Aryabhatta
    - (2) Bhaskara
    - (3) Shankara
    - (4) Brahmagupta

15. 'Siddhanta Siromani' was written by
    - (1) Srinivasa Ramanujan
    - (2) Bhaskaracharya
    - (3) Aryabhatta
    - (4) Brahmagupta

16. 'The Famous Ramanujan Number' is
    - (1) 9271
    - (2) 7291
    - (3) 1729
    - (4) 1927

17. Who discovered that any odd number, say $(2n + 1)$ can be expressed as the difference of two squares i.e. $(n + 1)^2 – n^2$?
    - (1) Euclid
    - (2) Rene Descartes
    - (3) Georg Cantor
    - (4) Pythagoras

18. "Mathematics is the only subject that encourages and develops logical thinking. It enables the students to discriminate between essentials and non-essentials" was stated by
    - (1) Young
    - (2) Hogben
    - (3) NPE-2005
    - (4) Schultge

19. Who made the rule that a ruler and a pair of compasses only should be used for geometric constructions?
    (1) Eratosthanese (2) Pythagoras (3) Plato (4) Rene Descartes

20. The discovery of zero was a gift to the world of mathematics. This gift was given by
    (1) Greeks (2) Hindus (3) Arabs (4) Baby Lonians

21. "One of the outstanding characteristics of scientific culture is quantification. Mathematics, therefore, assumes a prominent position in modern education" was stated by
    (1) SCF-2011 (2) NCF-2005
    (3) Kothari Commission (4) NCTM

22. The set of books "The Elements" was written by
    (1) Euclid (2) Pythagoras (3) Georg Cantor (4) Plato

23. Who is the father of Modern Mathematics?
    (1) Hipparchus (2) Rene Descartes
    (3) John Napier (4) Carl Friedrich Gauss

24. In mathematics, the practical Geometry - i.e. Construction of triangles, Quadrilaterals etc, is included in High School Syllabus, because, after school level, some students are likely to become
    (1) Lawyers and Doctors (2) Auditors and Accountants
    (3) Architects and Engineers (4) Software and Hardware Engineers

25. In mathematics, Theoretical Geometry (i.e. Geometrical Theorems) is included in High School Syllabus, so as to ensure
    (1) Cultural value (2) Disciplinary value
    (3) Social value (4) Utiliterian value (Practical value)

26. Through teaching mathematics, a pupil is said to have acquired 'Aesthetic Aim', if he or she
    (1) Enjoys mathematics pictures and paintings
    (2) Collects mathematical shapes and specimens
    (3) Describes mathematical charts and drawing
    (4) Appreciates mathematical graphs and drawings

27. The behavioural changes, that are likely to be seen, in children, at the end of an academic year or a course, are said to be
    (1) Aims of course (2) Values of course
    (3) Objectives of course (4) Results of course

28. Which of the following statements, is an example of specification?
    (1) The teacher differentiates 'cone from pyramid'.
    (2) The headmaster recognizes a polynomial from a quadratic.
    (3) Illustrates a square and rhombus.
    (4) The pupil compares a Euclidian plane figure with Non Euclidian plane figure.

29. Which one of the following is the basic principle of programmed instruction?
    (1) Principle of passive responding
    (2) Principle of larger steps
    (3) Principle of smaller steps
    (4) Principle of teacher testing

30. Observe the following.
    The objectives of mathematics and their specification, one each, are written in two columns, I and II.

	Column I		Column II
a)	Understanding	i)	Draws the diagrams to scale
b)	Attitude	ii)	Recalls the formula '$\sin^2\theta + \cos^2\theta = 1$'
c)	Knowledge	iii)	Develops the power of concentration
d)	Skill	iv)	Compares Bar graph with Histogram for similarities and dissimilarities

    Match them and identify the correct alternative from the following
    (1) (a, ii), (b, iii), (c, iv), (d, i)   (2) (a, iv), (b, iii), (c, ii), (d, i)
    (3) (a, iii), (b, i), (c, iv), (d, ii)   (4) (a, i), (b, iv), (c, iii), (d, ii)

31. Project method of teaching is the outcome of _____ school of philosophy.
    (1) Pragmatic   (2) Idealistic
    (3) Realistic   (4) Naturalistic

32. Which of the following pair of methods are considered to be 'complementary' to each other?
    (1) Heuristic method and Lecture method
    (2) Inductive method and Deductive method
    (3) Project method and Laboratory method
    (4) Problem solving method and Dogmatic method

33. Read the syllogysm
    Major premise :   A Teacher has to behave just like an engineer, a doctor and a judge.
    Minor premise :   I am a teacher.
    Conclusion :   Therefore, ...
    From the following alternatives, which is correct conclusion?
    (1) I have to behave just like an engineer.
    (2) I have to behave just like a doctor.
    (3) I have to behave just like a judge.
    (4) I have to behave just like an engineer, a doctor and a judge.

34. In proving a theorem, if reasoning starts from conclusion and proceeds towards hypothesis, it is called
    (1) Analysis   (2) Synthesis   (3) Induction   (4) Problem solving

35. Observe the following trigonometric identity.

$$\sin(A - B) = \sin\left[(A) + (-B)\right]$$
$$= \sin A \cos(-B) + \cos A \sin(-B)$$
$$= \sin A \cos B - \cos A \sin B$$

The method of derivation of this formula is
(1) Dialogue method
(2) Dogmatic method
(3) Synthetic method
(4) Analytic method

36. The 'negation' of the statement.
"Delhi is in India and London is in England" is
(1) Delhi is not in India and London is not in England
(2) Delhi is not in India or London is not in England
(3) Delhi is in India or London is in England
(4) Delhi is in England and London is in India

37. Observe the following derivation of law of indices
$a^m = a \times a \times a$ m times $\because$ Definition
$a^n = a \times a \times a$ n times $\because$ Definition
$\therefore a^m \cdot a^n = (a \times a \times a \ldots \text{m times}) \cdot (a \times a \times a \ldots \text{n times})$
     $= a \times a \times a \times \ldots (m \times n)$ times
     $= a^{m+n}$ $\because$ by definition
Which of the following method is used in derivation of the above formula?
(1) Induction   (2) Analysis   (3) Deduction   (4) Synthesis

38. Let 'p → q' be a theorem, where 'p' is hypothesis and 'q' is the conclusion. Then, its inverse is
(1) $q \rightarrow p$ (2) $\sim p \rightarrow q$ (3) $\sim p \rightarrow \sim q$ (4) $\sim q \rightarrow \sim p$

39. Read the following statement carefully.
'The volume of a cone would be one third of the volume of the cylinder having the equal height and equal radius of the base, as the cone has'.
This fact may be shown to students by the teacher, by using
(1) Deductive method
(2) Laboratory method
(3) Heuristic method
(4) Inductive method

40. The project method as a method of teaching is useful to acquire mostly
(1) Incidental knowledge
(2) Integrated knowledge
(3) Informational knowledge
(4) Superficial knowledge

41. A few authors say that 'Deduction is <u>opposite</u> to induction' and 'synthesis is <u>opposite</u> to analysis'. Infact they are not. The underlined words, would, therefore, mean that
    (1) Proof goes in opposite direction
    (2) Argument goes in opposite direction
    (3) Reasoning goes in opposite direction
    (4) Working goes in opposite direction

42. Deductive reasoning is the process of drawing logical inferences from _____
    (1) Specific examples   (2) Hypothetical structures
    (3) Unknown structures   (4) Established facts

43. Given are two columns, I and II, column I contains methods of teaching and column II contains the names of educationists, who are associated with them, in one way or other, in scrambled order. Match them correctly

Column I		Column II
a)	Inductive method	i) Comenius
b)	Deductive method	ii) John Dewey
c)	Project method	iii) Pestology
d)	Heuristic method	iv) Edward Armstrong

    Identify the correct alternative
    (1) (a, i), (b, ii), (c, iii), (d, iv)   (2) (a, iv), (b, iii), (c, i), (d, ii)
    (3) (a, iii), (b, i), (c, ii), (d, iv)   (4) (a, ii), (b, iii), (c, iv), (d, i)

44. The step of the lesson plan that links up the new knowledge with the necessary previous knowledge is
    (1) Preparation   (2) Presentation   (3) Association   (4) Recapitulation

45. The fundamental advantage of lesson planning is to
    (1) teach with confidence.   (2) achieve the set objectives.
    (3) use all the available resources. (4) save time and energy.

46. After completion of teaching, if the teacher assigns the students to solve a few problems as homework, this stage of teaching, technically called as
    (1) Developmental Activities   (2) Culminating Activities
    (3) Introductory Activities   (4) Concluding Activities

47. The period plan format has been suggested by
    (1) NCERT   (2) SCERT   (3) UGC   (4) NCTE

48. Microteaching concept was proposed by the educationist
    (1) Dwight Allen   (2) Benjamin Bloom
    (3) Edgar Dale   (4) Elizabeth Simpson

49. The book, "Becoming Better Teacher" on microteaching was written by
    (1) Allen   (2) Passi   (3) Jangeera   (4) Bush

50. Year plan preparation will be based upon the following resource
    (1) Text Book   (2) Teaching Diary
    (3) Academic Calendar   (4) Teaching Notes

51. The fundamental purpose of microteaching is
    (1) To develop the teaching ability.
    (2) To practice the teaching skills in simulated situations.
    (3) To save time and energy.
    (4) To provide immediate feedback to the student teachers.

52. According to Preston, which is a large block of related subject matter?
    (1) Syllabus   (2) Unit   (3) Lesson   (4) Sub unit

53. "Unit approach" of lesson planning is propounded by
    (1) John Deway   (2) Bloom
    (3) Morrison   (4) Rene Descartes

54. The word curriculum is derived from
    (1) Latin   (2) Spanish   (3) Greek   (4) Hebrew

55. The following are main principles of curriculum construction.
    a) Child-centeredness   b) Flexibility
    c) Rationality   d) Rigidity
    Choose correct code from the following
    (1) a, b and d   (2) a, c and d   (3) b, c and d   (4) a, b and c

56. Which one of the following is not a principle of curriculum construction?
    (1) Principle of correlation
    (2) Principle of psychological order
    (3) Principle of criterion of difficulty
    (4) Spiral and concentric principle

57. In developing a curriculum of mathematics for a level, it is necessary to follow certain steps/stages. Indicate the order of these stages using codes given below.
    a) Selection and organization of contents or topics.
    b) Formulation of objectives.
    c) Suggesting suitable methods and techniques of evaluation.
    d) Suggesting appropriate learning experiences.
    Identify the correct one.
    (1) b, a, d and c   (2) a, b, c and d   (3) a, c, b and d   (4) b, a, c and d

58. Which one of the following is not a criterion for selecting the appropriate learning experience in Mathematics?
    (1) Learners needs   (2) Societal needs
    (3) Structure of the discipline   (4) Political needs

59. According to Downie, "Any test that measures the attainments or accomplishments of an individual after a period of training or learning is called a/an ____
    (1) Prognostic test   (2) Diagnostic test
    (3) Achievement test   (4) Attainment test

60. In the statement of a theorem, the phrase that follows 'if part' provides
    (1) The Data
    (2) The data to prove the theorem
    (3) The data that is required for construction
    (4) Proof

61. Which one of the following have suggested to form a 'maths club' in each school to nurture the mathematically talented children?
    (1) National Policy on Education, 1986   (2) Programme of Action, 1992
    (3) National Educational Policy, 1968   (4) Kothari Commission (1964-66)

62. Pi-day is celebrated on
    (1) August, 5   (2) March, 14   (3) March, 22   (4) December, 22

63. The first mathematical journal published in Telugu is
    (1) Ganitha Upadhyaya   (2) Ganitha
    (3) Ganitha Chandrika   (4) Ganitha Vaahini

64. The lengths of AB, BC and AC are respectively 3 m, 4 m and 5 m. An illiterate person has to go to 'C' from 'A'. He walked through 'A' to 'C'. Unknowingly, he used the principle
    (1) $AB + BC < AC$ (2) $AC < AB + BC$
    (3) $AB + BC = AC$ (4) $BC - AB = AC$

65. Which one of the following is not an advantage of mathematics fair?
    (1) Improves mathematical communication
    (2) Improves fear of mathematics
    (3) Improves mathematical reasoning
    (4) Improves problem solving skills

66. Which of the following is not an activity of a mathematics club?
    (1) Celebrating the birthday of a mathematician
    (2) Organising lecture by an eminent person in mathematics
    (3) Helps in developing problem solving attitude among students
    (4) Providing coaching to International Mathematics Olympiad

67. A cow is tied up to a pole with a rope. A 7th class boy saw it and imagined its path of moving. Its path would be
    (1) Circle, with the pole at the centre
    (2) Sector, with the pole at the vertex
    (3) Rectangle, with the pole at a corner
    (4) Rectangle, with the pole at the point of intersection of diagonals

68. Satwik, a 9th class student, prepared some words - cat, cane, tea, in, to etc from the word 'Education'. Unknowingly, he used the concepts of
    (1) Universal set, proper subject   (2) Universal set, equal sets
    (3) Universal set, sub sets   (4) Universal set, equivalent sets

69. Which one of the following is not the use of a textbook?
    (1) It provides insight to the teacher in planning the lesson.
    (2) Helps the teacher in presenting the subject matter in an orderly and systematic sequence.
    (3) Presents a variety of worked out examples.
    (4) Improves the attention of the student.

70. Which of the following is not a quality of a good mathematics textbook?
    (1) It should be moderately priced and readily available.
    (2) It should be written according to prescribed syllabus.
    (3) The language used should be at a higher level.
    (4) There should be sufficient provision for revision, practice and review.

71. According to Hunter's score card, which of the following is not a criterion for evaluating the mathematics textbook?
    (1) Professional status of the author   (2) Psychological soundness
    (3) Literary style   (4) Mechanical 'get up' and cost

72. The following are given in the cone of experience of Dale. Arrange them in the increasing order of abstractness.
    a) Field Trips / Excursions   b) Motion pictures
    c) Radio   d) Verbal symbols
    Identify the correct order.
    (1) a, b, c, d   (2) b, c, d, a   (3) c, b, a, d   (4) d, c, b, a

73. Which of the following is not a function of laboratory work?
    (1) Satisfying creative and constructive urges of students.
    (2) Improving understanding of mathematical concepts.
    (3) Improving the interest towards the subject.
    (4) Improving their intelligence.

74. Which of the following one is not the use of teaching aids?
    (1) Helps to byheart the subject
    (2) Providing intrinsic motivation for learning
    (3) Encourages original thinking
    (4) Leaves long lasting impressions on the minds of the learners

75. Which of the following is not a principle of selection of Audio-visual Aids?
    (1) Selection should be based on age, intelligence and experience of students.
    (2) Selection should be made on the basis of cost.
    (3) Selection should be helpful in achieving the desirable outcome.
    (4) Selection should provide required multi-sensory experience to the students.

76. Which of the following measures is not useful for effective use of A. V. Aids?
    (1) Encouraging pupil participation while using aids.
    (2) To exhibit all the teaching aids to the class before they are used.
    (3) By providing sufficient time to the students to see, observe and draw inferences.
    (4) To see that aids are made clearly visible to the students.

77. Which of the following is not a good purpose for using Audio visual aids?
    (1) Assessing student's understanding
    (2) Arousing curiosity
    (3) Maintaining interest
    (4) Correlating mathematical ideas with life and other field

78. Which of the following is not an effective way of using the Chalkboard?
    (1) Clearing the chalkboard before using it.
    (2) Encouraging student's participation by asking them to write on the chalkboard.
    (3) Displaying a chart on the written matter of the board.
    (4) Highlighting key concepts with coloured chalk.

79. Which of the following is not a proper way of preparing and using a chart?
    (1) Not giving the caption or title relating to the main theme presented in the chart.
    (2) Colourful, pleasing and attractive.
    (3) The letters should be of proper size.
    (4) The chart should depict a single aspect of subject matter.

80. Which of the following is not correct in preparing models for teaching mathematics?
    (1) The model should represent real object.
    (2) It should provide necessary motivation to the students to learn.
    (3) The concepts are represented clearly.
    (4) It should not lead to manipulation by students.

81. If a tool yields same scores on repeated administrations with a time gap, then the tool is said to have
    (1) Comprehensiveness
    (2) Objectivity
    (3) Reliability
    (4) Usability

82. A tool is designed to measure the content of 'Probability' and it measures only probability (of course language component is ignored). Then, the test possesses the characteristic of
    (1) Concurrent validity
    (2) Face validity
    (3) Construct validity
    (4) Content validity

83. A tool covers all objectives selected for the course, samples entire syllabus prescribed for the course; contains all forms of test items and all difficulty levels. Then it is said to have
    (1) Completeness
    (2) Wholeness
    (3) Entireness
    (4) Comprehensiveness

84. Read the following statement.
    'A teacher said that Rajini has 90% of attendance. Hence, she is sent for public examination. Nitin has only 25% of attendance. Hence he is not sent for the public examination.'
    Which of the following is true?
    The teacher took the decision on the basis of
    (1) Evaluation of Attendance
    (2) Measurement of Attendance
    (3) Assessment of Attendance
    (4) Computation of Attendance

85. Below are two columns A and B. Four qualities of a test are written in column A and their brief explanation in column B, in scrambled order. Match them correctly.

Column A		Column B
a)	Objectivity	i) yielding the scores that are comparable to standard one
b)	Reliability	ii) yielding the same scores irrespective of examiner
c)	Validity	iii) yielding the scores that are explainable
d)	Interpretability	iv) yielding the same scores irrespective of administration

    Alternatives are
    (1) (a, ii), (b, iv), (c, i), (d, iii)
    (2) (a, i), (b, iii), (c, iv), (d, ii)
    (3) (a, iv), (b, i), (c, ii), (d, iii)
    (4) (a, iii), (b, ii), (c, iv), (d, i)

86. Below are two statements A and B. Read them properly.
    'A: In split-half method of establishing reliability, same tool is administered two times with a time gap, on the same group.
    B: If the same examiner values script, there is a likelihood of getting same scores.'
    Identify the correct alternative.
    (1) 'A' is true and 'B' is true
    (2) 'A' is true and 'B' is false
    (3) 'A' is false and 'B' is true
    (4) 'A' is false and 'B' is false

87. Below are two columns, A and B. Four forms of test items are written in column A and their qualities in column B, in a scrambled order.

	Column A		Column B
a)	Essay type questions	i)	Moderate subjective and moderate objective
b)	Short answer type questions	ii)	Most objective - least subjective - Most comprehensive
c)	Fill in blanks type	iii)	Most probability for guessing and copying
d)	Multiple choice type	iv)	More subjective and least objective

Match them correctly and choose correct alternative

(1) (a, i), (b, iv), (c, ii), (d, iii)   (2) (a, iii), (b, i), (c, iv), (d, ii)

(3) (a, iv), (b, i), (c, ii), (d, iii)   (4) (a, ii), (b, i), (c, iii), (d, iv)

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88. The reliability of a test may be established by

(1) Repeated test method   (2) Multiplication of test method

(3) Test-Retest method   (4) Repeated trials method

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89. Below are two columns, A and B. Four 'tools and techniques' are written in column A and their brief explanations are given in column B, in a scrambled order.

	Column A		Column B
a)	Interview schedule	i)	Indicating how much the given quality is present
b)	Check list	ii)	Face to face conversation
c)	Rating scale	iii)	Recording the presence or absence of a characteristic
d)	Opinionnaire	iv)	Recording degree of agreement or disagreement

Match them correctly and choose correct alternative.

(1) (a, iv), (b, ii), (c, i), (d, iii)   (2) (a, iii), (b, ii), (c, i), (d, iv)

(3) (a, i), (b, iii), (c, iv), (d, ii)   (4) (a, ii), (b, iii), (c, i), (d, iv)

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90. Which one of the following is not a limitation of essay type examination.

(1) Promoting selective learning   (2) lack of reliability in scoring

(3) lack of objectivity   (4) doesn't emphasize on rote memorisation

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91. Read the following statement.

'The Government are implementing Continuous Comprehensive Evaluation (CCE) in the state.'

In the above statements 'the continuous evaluation' may be ensured by

(1) increasing the number of exercises in the text books.

(2) increasing the number of tests in the schools.

(3) increasing the number of questions in the tests.

(4) increasing the number of tests and spreading them evenly throughout the year.

92. Below are two columns, A and B. Names of four tests are written under A and their functions in column B, in a scrambled order. Match them correctly.

Column A | Column B
a) Diagnostic Tests   i) Those which measure the intelligence of pupil.
b) Prognosis Tests   ii) Those which assess the progress in school subjects.
c) Achievement Tests   iii) Those which analyse the learning difficulties.
d) Intelligence Tests   iv) Those which predict the future success or failure

Match them correctly and choose correct alternative from the following
(1) (a, iii), (b, iv), (c, ii), (d, i)   (2) (a, ii), (b, iii), (c, iv), (d, i)
(3) (a, iii), (b, ii), (c, iv), (d, i)   (4) (a, i), (b, iii), (c, iv), (d, ii)

93. Dyscalculia refers to the difficulty in
(1) doing arithmetic calculations   (2) copying the problems from board
(3) byhearting the theorems   (4) drawing the diagrams

94. Which one of the following is not a reason for backwardness of students in mathematics?
(1) Teacher's indifference
(2) Physical retardation
(3) Regular study habits in appropriate learning experiences
(4) lack of practice and drill

95. The range of I.Q. scores of slow learners is
(1) 70-90   (2) 80-90   (3) 80-100   (4) 100-120

96. The examination conducted by NCERT to identify the gifted students is
(1) National Talent Test   (2) National Talent Search
(3) National Talent Olympiad   (4) Knowledge Olympiad

97. The remedial programme for a student, who is a slow learner in mathematics, is
(1) using interesting teaching aids   (2) conducting diagnostic tests, often
(3) giving proper guidance   (4) giving assignments of small length

98. The teaching method that is suitable for a gifted student is
(1) Team teaching   (2) Individualised instruction
(3) Demonstration method   (4) Project method

99. The fundamental aim of conducting a mathematics Olympiad is to identify the
(1) intelligent students in mathematics
(2) exceptionally bright students in mathematics
(3) average students in mathematics
(4) slow learner in mathematics

100. When a student solves more difficult problems, learns rapidly and easily and shows originality, then he can be identified as a/an
(1) Backward student   (2) Gifted student
(3) Intelligent student   (4) Average student

SPACE FOR ROUGH WORK