

Recruitment of District Inspector of Schools/Additional
 District Inspector of Schools Examination ZRX-IV/14
 Conducted by P.S.C. West Bengal Adv. 2/2014
 Date of Examination - 01/11/2014

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO

2014

TEST BOOKLET

BOOKLET SERIES

Time allowed : 1½ hours

Full marks : 100

Answer **all** the questions

Questions are of equal value

D

(Room No - 07 / 1st Floor
 PSC Building.)

Serial No.....428

Roll No.

0000428

Signature of the Candidate :

Rabin Banerjee

INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions :

1. This booklet consists of 10 pages including this front page. Verify the Page Nos. and bring at once to the Invigilator's notice any discrepancy.
2. Answers will have to be given in the Special Answer-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card.
Do not fold the answer-Sheet as this will result in error in your marks.
4. All questions are of multiple-choice answer-type. You will find **four** probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the oval corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. If more than one oval is encoded for a particular answer, it will be treated as a wrong answer.
6. **There will be negative marking of 1/3 mark for each wrong answer.**
7. **There are blank pages at the end of this booklet for rough work.**
8. **The Special Answer-Sheet should be handed over to the Invigilator before leaving the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.**

[Please Turn Over]

1. The Union Public Service Commission (UPSC) has been established under -
 (A) Article 356 *State Emergency*
 (B) Article 353
 (C) Article 252
 (D) Article 315
2. "Education is the creation of sound mind in a sound body" was said by
 (A) Plato
 (B) Comenius
 (C) Aristotle
 (D) Dewey
3. The fundamental national values have been given in the
 (A) Preamble of our Constitution
 (B) Articles of our Constitution
 (C) Entries of the list of subjects
 (D) Fundamental Rights
4. The theory of classical music is discussed in
 (A) Rigveda
 (B) Samveda
 (C) Yajurveda
 (D) Atharvaveda
5. _____ entrusts the superintendence, direction & control of elections to the Election Commission of India
 (A) Article 356
 (B) Article 352
 (C) Article 324
 (D) Article 360
6. Who introduced the Bill for Compulsory Primary Education in the Imperial Council?
 (A) Dr. Rajendra Prasad
 (B) Pt. Jawaharlal Nehru
 (C) Gopal Krishna Gokhale
 (D) Lala Lajpat Rai
7. Which of the following is not characteristic of maturation?
 (A) Directional tendencies
 (B) Uniformity of sequence
 (C) Increasing specificity of behaviour
 (D) Uniformity in rate
8. The coin called rupia was introduced by
 (A) Alauddin Khilji
 (B) Firoz Shah Tughlaq
 (C) Sher Shah (coin of silver 178 grains)
 (D) Jalaluddin Akbar
9. 'Jasmine Revolution' of 2012 is associated with
 (A) Somalian political turmoil
 (B) North African uprisings
 (C) Brazilian protests
 (D) All of the above
10. 'Identity crisis' is the coinage of
 (A) Sigmund Freud
 (B) C. G. Jung
 (C) Hans Eysenck
 (D) Erik Erikson
11. What are the main categories of instructional objectives?
 (A) Behaviouristic, cognitive and psychomotor
 (B) Affective, behaviouristic and psychomotor
 (C) Knowledge, understanding and psychomotor
 (D) Cognitive, affective and psychomotor
12. The movement that came to abrupt halt because of Chaurichaura incident was
 (A) Home Rule Movement
 (B) Non-Cooperation Movement
 (C) Civil Disobedience Movement
 (D) Quit India Movement
13. W. T. O. relates to
 (A) GATT
 (B) BRETTON WOODS
 (C) MARRAKESH AGREEMENT
 (D) All of the above
14. One can be a good teacher, if he
 (A) Has genuine interest in teaching
 (B) Knows his subject well
 (C) Knows his students well
 (D) Has an excellent expression
15. Who proposed for the first time age-wise aims of education?
 (A) Aristotle
 (B) Rousseau
 (C) Percy Nunn
 (D) Plato
16. In the referendum for Scotland's independence, the percentage of people who favored freedom was
 (A) 49 percent
 (B) 55 percent
 (C) 44 percent (18th Sep - 2014 election)
 (D) 40 percent
17. The movie 'A Beautiful Mind' is associated with the name of a mathematician -
 (A) John Nash (Nobel laureate in Economics)
 (B) John Von Neumann
 (C) Johan Galtung
 (D) James Waldegrave

18. RMSA is related to
 (A) Elementary education
 (B) Secondary education
 (C) Higher education
 (D) Vocational education
19. In which of the works did Rabindranath write most emphatically in favour of mother tongue as medium of instruction?
 (A) Shiksha Bikiran
 (B) Strishiksha
 (C) Shiksha Bahan
 (D) Shiksha Samasya
20. The whistleblower who has been given shelter in Russia is
 (A) Julian Assange *Editor in chief of WikiLeaks.*
 (B) Edward Snowden
 (C) Keith Alexander
 (D) Michael Hayden
21. The ratio of two numbers is 4:5 and their L.C.M. is 100. The sum of the two numbers is
 (A) 90
 (B) 40
 (C) 45
 (D) 55
 $20x = 100$
 $x = 5$
 $\frac{20}{45}$
22. The charter Act of East India Company was renewed in the year
 (A) 1833
 (B) 1844
 (C) 1855
 (D) 1915
23. Advance Organizer is a -
 (A) Theory of learning
 (B) Model of teaching
 (C) Model of learning
 (D) Theory of teaching
24. Which is an organic rock?
 (A) Marble
 (B) Coal
 (C) Granite
 (D) Slate
25. If by selling 150 mangoes, a fruit seller gains the selling price of 30 mangoes, then the profit percent of the fruit seller is
 (A) 20%
 (B) 30%
 (C) 25%
 (D) 35%
 $S.P = x$
 $S.P. 150x$
 $Profit = 30x$
 $CP = 120x$
 $Profit = \frac{30x}{120x} \times 100 = 25\%$
26. The essential characteristics of a standardized test are—
 (A) Reliability, validity, objectivity, manual
 (B) Reliability, validity, answer sheet, questionnaire
 (C) Reliability, validity, questionnaire, manual
 (D) Reliability, validity, objectivity, norm
27. On what basis the scores of a criterion referenced test is interpreted? *Crined by Robert Glaser*
 (A) Other students' score
 (B) Previous performance
 (C) Level of individual performance *Example - Driving Test*
 (D) Individual characteristics
28. How many PIN Zones has India been divided into?
 (A) 7
 (B) 8
 (C) 9
 (D) 10
29. One-third of the constructional work of a bridge was finished in 24 days. Then to finish the rest work in 16 days 64 more men were appointed. Determine the number of men who were appointed initially.
 (A) 18
 (B) 36
 (C) 30
 (D) 32
 $9x = 3x + 192$
 $6x = 192$
 $x = 32$
30. Pragmatism believes in
 (A) Permanent values
 (B) Changing values
 (C) Perennial values
 (D) Social values
31. Which one of the following is not a type of intelligence in Gardner's theory?
 (A) Musical
 (B) Linguistic
 (C) Social
 (D) Inter personal
32. Cooking gas is a mixture of
 (A) Carbon monoxide and oxygen
 (B) Butane and propane
 (C) Methane and ethylene
 (D) Carbon dioxide and methane
33. The sum of the present ages of A, B and C is 123 years. If 9 years ago the ratio of their ages was 3:4:5, then the age of C at present is
 (A) 33 yrs.
 (B) 41 yrs.
 (C) 49 yrs.
 (D) None of the above
 123
 -27
 96
 $12x + 27 = 123$
 $12x = 96$
 $x = 8$
 $5 \times 8 = 40$

50. Jean Piaget is famous for his
 (A) Teaching model
 (B) Model of curriculum development
 (C) Model of cognitive development
 (D) Model of moral judgement
51. What should be the ultimate aim of any teaching-learning process?
 (A) Learning to learn
 (B) Learning to do
 (C) Learning for occupation
 (D) Learning to be learned
52. Which of the following Indian Universities is Asia's largest residential University?
 (A) Allahabad University
 (B) Utkal University
 (C) Banaras Hindu University
 (D) Jawaharlal Nehru University
53. A certain sum of money amounts to Rs. 6240 in 7 years and Rs. 7840 in 12 years at a certain rate of simple interest. Determine the principal
 (A) Rs. 4000
 (B) Rs. 5000
 (C) Rs. 4500
 (D) Rs. 5500
54. Population education is
 (A) Multi-disciplinary field
 (B) Inter-disciplinary field
 (C) Both (A) & (B)
 (D) None of the above
55. Choose the correct statement in the context of constructivism
 (A) Knowledge is subject related
 (B) Knowledge is information processing
 (C) Knowledge is subjective
 (D) Knowledge is Long Term Memory
56. The agency that estimates national income in India is
 (A) R. B. I.
 (B) Planning Commission
 (C) Central Statistics Organisation
 (D) None of the above
57. The number which is divisible by 11, 12 and 33 and is nearest to 10000 is
 (A) 9925
 (B) 9900
 (C) 10032
 (D) 10132
58. The fundamental basis of value is—
 (A) liking
 (B) Needs
 (C) Purposes
 (D) Judgement
59. NIE is a wing of —
 (A) NCTE
 (B) UGC
 (C) NCERT
 (D) SCERT
60. India signed the Kyoto Protocol in the year
 (A) 2000
 (B) 1998
 (C) 2002
 (D) 1995
61. The simplest value of $1 + \frac{2}{3} \div \frac{3}{4}$ of $\frac{2}{3}$ is
 (A) $2\frac{13}{15}$
 (B) $\frac{13}{15}$
 (C) $1\frac{2}{13}$
 (D) $1\frac{13}{15}$
62. Verma Commission was established for -
 (A) Technical Education
 (B) Medical Education
 (C) Teacher Education
 (D) Vocational Education
63. Which commission/committee in post-independent India recommended to dissociate school education from the university education?
 (A) Radhakrishnan
 (B) Mudaliar
 (C) Kothari
 (D) Zakir Hossain
64. Which one of the following Fundamental Rights was included as per the 93rd Amendment of the Indian Constitution?
 (A) Right to Constitutional Remedies
 (B) Right to free and compulsory education for all children in the age group of 6 to 14
 (C) Right to equality
 (D) Right to Freedom of Religion

65. A tap can fill a cistern in 8 hrs. and another can empty it in 16 hrs. If both the taps are opened simultaneously, the time (in hours) to fill the tank is :

- (A) 8
(B) 10
(C) 16
(D) 24
- $$\frac{1}{8} - \frac{1}{16} = \frac{1}{16}$$

66. Equality of educational opportunities is possible by

- (A) Extending educational institutions to all without any discrimination
(B) Opening more educational institutions
(C) Privatising the education system in the society
(D) Public funding of education

67. Which one comes at the top of the need hierarchy according to Maslow?

- (A) Belongingness
(B) Self actualization
(C) Security
(D) Self esteem

68. Who has been appointed the Chairman of Public Accounts Committee of Lok Sabha for 2014-15?

- (A) Mallikarjun Kharge
(B) K. V. Thomas (Kerala)
(C) Captain Amrinder Singh
(D) Rahul Gandhi

69. A, B and C contract a work for Rs. 550.

Together A and B can do $\frac{7}{11}$ of the work. The share of C should be :

- (A) Rs. 220
(B) Rs. 189
(C) Rs. 183
(D) Rs. 200

$$(A+B) : C = \frac{7}{11} : \frac{4}{11} = 7 : 4$$

$$7x + 4x = 550$$

$$11x = 550$$

$$x = 50$$

$$C = 4x = 200$$

70. Which does not belong to the group of the other three —

- (A) Operant conditioning theory of learning
(B) Classical conditioning theory of Pavlov
(C) Learning theory of Watson
(D) Guthrie's theory of learning
↳ Guthrie's contiguity conditioning.

71. Which one of the following is not a component of language development

- (A) Semantics
(B) Pragmatics
(C) Metacognition
(D) Syntax

72. Who was the Chairman of Committee on Fundamental Rights?

- (A) Dr. B. R. Ambedkar
(B) J. B. Kripalani (Feb 1947)
(C) Jawaharlal Nehru
(D) Sardar Vallabhbhai Patel
(Chairman of Committee on Fundamental Rights and minorities)

73. 4 years ago, the ratio of the ages of A and B was 11:14 and that will be 13:16 after 4 years. The present age of B is—

- (A) 48 years
(B) 60 years
(C) 56 years
(D) 52 years

$$\frac{11x+8}{14x+8} = \frac{13}{16}$$

$$176x + 128 = 182x + 104$$

$$6x = 24$$

$$x = 4$$

$$B = 14x + 4 = 60$$

74. The CABE has suggested the four guiding principles of Universal Secondary Education. These are —

- (A) Universal Access, Universal retention, Universal success, Equality and Social Justice.
(B) Universal Access, Equality and Social Justice, relevance and Development, Structural and Curricular Aspects.
(C) Universal Access, Universal retention, equality and social justice, relevance and development.
(D) Universal Access, Universal retention, Structural and curricular Aspects, relevance and development.

75. Which one of the following is not a factor of creativity?

- (A) Fluence
(B) Productivity
(C) Flexibility
(D) Elaboration

76. Who said that "Where there is no Law there will not be Liberty"?

- (A) John Locke (SSC CGL - 2014)
(B) Karl Marx
(C) Plato
(D) Machiavelli

77. If the length and breadth of a square are increased by 30% and 20% respectively, then the percent increased in the area is—

- (A) 66
(B) 56
(C) 62
(D) 52

$$50 + \frac{60}{100} = 56\%$$

78. If Bipul is taller than Soham and Soham is taller than John, then Bipul is the tallest. This statement comes under —
 (A) Inductive Reasoning
 (B) Deductive Reasoning
 (C) Conditioned Reasoning
 (D) Linear Reasoning
79. Markle's programmed learning emphasized on —
 (A) Branching programme
 (B) Frame of a programme
 (C) Systematic learning
 (D) Errorless learning
80. Which one of the following is the largest Committee of the Parliament?
 (A) The Committee on Public Accounts
 (B) The Committee on Estimates
 (C) The Committee on Public Undertakings
 (D) The Committee on Petitions
81. The income of A is 25% more than that of B. B's income is less than that of A by —
 (A) 20%
 (B) 25%
 (C) 15%
 (D) 30%
82. Action research in School is carried out in —
 (A) One student
 (B) Many students at a time
 (C) School
 (D) All of the above
83. 'A student thinks that I should abide by the school regulations because I should not disturb others' — according to Kohlbergs moral development, this is —
 (A) Preconventional morality
 (B) Law and order morality
 (C) Social contract orientation
 (D) Good boy/girl morality
84. Which plan recommended Zero Based Budgeting (ZBB) as a step to control public expenditure?
 (A) Fifth Plan
 (B) Sixth Plan
 (C) Seventh Plan
 (D) Eighth Plan
85. The compound interest on Rs. 14000 for 2 years at 5% per annum is —
 (A) Rs. 1425
 (B) Rs. 1435
 (C) Rs. 1445
 (D) Rs. 1455
86. A major indicator of quality of in service teacher training is
 (A) Duration of the course
 (B) Timing of the course
 (C) Relevance to teacher needs
 (D) Venue of the course
87. Corporal punishment is an age old and effective method of class room management. It should continue — Comment.
 (A) Justified
 (B) Not justified because it hurts
 (C) Not justified because it is against the law
 (D) Not justified because it does not help in realizing the true faults
88. International Date Line roughly follows the longitude of
 (A) 180 degrees
 (B) 90 degrees
 (C) 360 degrees
 (D) 45 degrees
89. $\left\{ \frac{(0.1)^2 - (0.01)^2}{0.0001} + 1 \right\}$ is equal to —
 (A) 200
 (B) 99
 (C) 100
 (D) 98
90. The difference between formal education and non-formal education is -
 (A) Formal education is not controlled by definite time table
 (B) Certificate is not issued in formal education
 (C) Curriculum is predetermined in informal education
 (D) None of the above
91. Manpower planning is an essential component of —
 (A) Institutional planning
 (B) Macro planning
 (C) Organizational management
 (D) Institutional goal setting
92. Which Planet in the solar system failed to qualify as a Planet?
 (A) Neptune
 (B) Pluto
 (C) Uranus
 (D) Venus

(8)

93. The salary of an Officer being increased by 10% every year become Rs. 4840 in the third year. The original salary was—
(A) Rs. 4400
(B) Rs. 4040
(C) Rs. 4440
(D) Rs. 4000
94. The least important challenge to Indian education today is —
(A) Poverty of the mass
(B) Expanding population
(C) High cost of education
(D) Low return on education
95. Sm. Hans Mehta Committee was appointed in connection with -
(A) Social Education
(B) Value education
(C) Early childhood education
(D) Women's education.
96. Fundamental Duties of citizens of India were added to the Constitution of India by which amendment ?
(A) 42nd amendment
(B) 41st amendment
(C) 43rd amendment
(D) 44th amendment
97. Two friends walking at 5 km. and 7 km an hour respectively start at the same time from the towns 48 km apart. They will meet each other after—
(A) 4 hrs.
(B) 2 hrs.
(C) 6 hrs.
(D) 5 hrs.
98. When was the Adult Literacy Mission started?
(A) 1976
(B) 1988
(C) 1996
(D) 2002
99. The most important factor underlying the success of beginning teacher is —
(A) Personality and ability to relate to the class.
(B) Attitudes and outlook on life
(C) Verbal facility and organisational ability
(D) Scholarship and intellectual ability
100. Upanishads are books on
(A) Religious rituals
(B) Yoga
(C) Law
(D) Philosophy