

KURUKSHETRA UNIVERSITY KURUKSHETRA
Ph.D. Entrance Test (EDUCATION) 2024

NAME.....
ROLL NO.
CATEGORY.....

Time:2 hours
MM : 200

NOTE : The test booklet has 100 questions. Each question has FOUR alternatives/ options to choose from. Choose the most suitable option as your answer to each question . Each question carries 02 marks. Attempt all the questions.

1. The sequence of elements in a thesis is-
 - (a) Abstract, Review of literature, Data analysis, Conclusions, Bibliography
 - (b) Introduction, Methodology, Review of Literature, Recommendations, References
 - (c) Executive summary, Introduction, Data analysis, Results, References, Educational implications
 - (d) Introduction, Review of Literature, Methodology, Results, Discussion, Bibliography

2. In.....research, the researcher deliberately manipulates some aspect of the research in which he is interested.
 - (a) experimental
 - (b) descriptive
 - (c) historical
 - (d) none of the above

3. The middle value of an ordered array of numbers is the-
 - (a) Mean
 - (b) Median
 - (c) Mode
 - (d) Mid point

4. In ‘Experimental Research’, following is used to control extraneous/confounding variables –
 - (a) Randomization
 - (b) Matching
 - (c) Both ‘a’ & ‘ b’
 - (d) Neither ‘a’ nor ‘b’

5. Which of the following references is written according to American Psychological Association(APA) format ?
- (a) Sharma, S.2019. *Foundations of Education*. New Delhi: Sage
 - (b) Sharma, S.2019. *Foundations of Education*, New Delhi: Sage
 - (c) Sharma, S.(2019), *Foundations of Education*. New Delhi: Sage
 - (d) Sharma, S.(2019). *Foundations of Education*. New Delhi: Sage
6. According to Best(1977) , “Usingas research tool is a lazy man’s way of gaining information”.
- (a) Observation Schedule
 - (b) Questionnaire
 - (c) Interview Schedule
 - (d) Rating Scale
7. The sum of deviations about the mean is always-
- (a) Range
 - (b) Positive
 - (c) Negative
 - (d) Zero
8. ‘Halo –effect’ in using Rating Scales-
- (a) is not a common phenomenon
 - (b) is common but can be completely avoided
 - (c) is common but can never be completely avoided
 - (d) is a rare phenomenon
9. The full form of *DOI* in a citation of an electronically published journal is-
- (a) Date Of Identification
 - (b) Digital Object Identifier
 - (c) Digital Object insertion
 - (d) Digital Object information
10. Which of the following statement is correct w.r.t Scientific Research ?
- (a) Even the best proven interventions should be evaluated continuously by investigations w.r.t. reliability, effectiveness, efficiency, accessibility and quality.
 - (b) Scientific researches are conducted empirically but in an unplanned manner

- (c) The questions, methods of response to questions and difficulties in Scientific researches are always same
(d) None of the above
11. Plagiarism means-
- (a) the practice of publishing documents
(b) the act of copying another person's ideas or work
(c) both 'a' and 'b'
(d) neither 'a' nor 'b'
12. A distribution with positive excess kurtosis is called –
- (a) Leptokurtic
(b) Platykurtic
(c) Mesokurtic
(d) Maxokurtic
13. The standard abbreviation *et al.* in a research report relates to –
- (a) and the second author
(b) and new reference
(c) and others
(d) and previously cited
14. Non-parametric tests are appropriate when –
- (a) the nature of population distribution from which samples are drawn is known to be normal
(b) the nature of population distribution from which samples are drawn is not known to be normal
(c) the nature of population distribution from which samples are drawn is known to be normal and parameters are known
(d) no parameter is known
15. To reduce Type I and type II errors ,one should –
- (a) decrease the sample size
(b) increase the sample size
(c) increase the level of significance
(d) decrease the level of significance
16. If we have the 7 scores : 3,6,9,14,18,23,30. The df here is –
- (a) 5
(b) 6

- (c) 7
 - (d) 8
17. Statistics is a tool by means of which one can -
- (a) synthesize quantitative data
 - (b) convert qualitative data into numerical values
 - (c) calculate the probability of the occurrence of events
 - (d) all of the above are correct
18. For a positively skewed distribution, mean is always -
- (a) greater than the median
 - (b) greater than the mode
 - (c) less than the mode
 - (d) less than the median
19. Which of the following is a characteristic of a good sample ?
- (a) It should be small enough to be handled easily
 - (b) It should be true representative of the population
 - (c) It should be easily available and convenient
 - (d) Both 'a' & 'c'
20. The following is an application of NPC in Educational Research -
- (a) To convert raw scores into standard scores
 - (b) To normalize a frequency distribution
 - (c) To calculate the percentile rank of scores
 - (d) All of the above
21. The primary use of an 'inventory' is to evaluate-
- (a) intelligence and aptitude
 - (b) sociometric status
 - (c) interest and personality
 - (d) intellectual development
22. Which one of the following is a type of 'Probability Sampling'?
- (a) Systematic Sampling
 - (b) Purposive Sampling
 - (c) Incidental Sampling
 - (d) Convenience Sampling
23. Bibliography given in a research report –

- (a) makes the report authentic
 - (b) helps those who are interested in further research
 - (c) both(a) and (b)
 - (d) neither (a) nor (b)
24. 'Ogive' is a graphic representation of data in which-
- (a) Cumulative frequencies are used
 - (b) Cumulative percentages are used
 - (c) Percentages of frequencies are used
 - (d) frequencies of percentages are used
25. Q_1 is to the 25th percentile as the median is to-
- (a) the 40th percentile
 - (b) the 50th percentile
 - (c) the 60th percentile
 - (d) the 75th percentile
26. The research undertaken by practitioners so that they may improve their practices is referred to as-
- (a) Applied Research
 - (b) Action Research
 - (c) Basic Research
 - (d) None of the above
27. Which of the following statements is true in the context of the testing of a hypothesis ?
- (a) Only null hypothesis can be tested
 - (b) Only alternative hypothesis can be tested
 - (c) Both null and alternative hypotheses can be tested
 - (d) None of the above is correct
28. In a research endeavour, the purpose of 'Review of Related literature' is –
- (a) To avoid selection of unfruitful problem areas by the researcher
 - (b) To enable the researcher to define and limit his research problem
 - (c) To enable a researcher to get an understanding of the research methodologies to be employed
 - (d) All of the above
29. A chief distinction between teacher made and standardized test is in-
- (a) Quality

- (b) Norms
 - (c) Objectivity
 - (d) Organisation
30. The magnitude of random sampling errors can be minimized by –
- (a) taking small sample
 - (b) taking large sample
 - (c) by changing sampling technique
 - (d) both 'b' & 'c'
31. Which of the following is an indicator of quality of a research journal ?
- (a) Impact Factor
 - (b) g- index
 - (c) ISSN number
 - (d) None of the above
32. Which of the following is NOT the nature of a 'Hypothesis' ?
- (a) Hypothesis is general and flexible in nature
 - (b) Hypothesis is an intelligent hunch to a felt problem
 - (c) Hypothesis is a form of some tentative solution or working preposition
 - (d)Hypothesis are continuously generated in human minds to understand and resolve everyday problems of life
33. Ex post -facto studies are classified under which research method ?
- (a) Historical method
 - (b) Descriptive method
 - (c) Experimental method
 - (d) Clinical method
34. Which of the following is called a 'blue print' of research ?
- (a) Research Area
 - (b) Research Report
 - (c) Research Ethics
 - (d) Research Synopsis
35. The most important function of item discrimination indices is-
- (a) to point to defective items
 - (b) to increase the homogeneity of the test
 - (c) to determine the validity of the test

- (d) to determine the reliability of the test
36. Which was the main centre of medicine and surgery education during the Buddhist period ?
- (a) Taxila
 - (b) Valabhi
 - (c) Vikram Shila
 - (d) None of the above
37. The correlation is related to inter-correlations among independent variables as well as to their correlations with the dependent variable.
- (a) Partial
 - (b) Multiple
 - (c) Simple
 - (d) Biserial
38. A test in which the items are arranged in order of difficulty is said to be-
- (a) scaled
 - (b) valid
 - (c) reliable
 - (d) organised
39. Which of the following is not included in the proposed Synopsis ?
- (a) Review of Related Literature
 - (b) Objectives of Research
 - (c) Findings and conclusions
 - (d) Hypotheses of Research
40. Ex post -facto studies are classified under which research method ?
- (a) Historical method
 - (b) Descriptive method
 - (c) Experimental method
 - (d) Clinical method
41. Which of the following is NOT an assumption of ANOVA ?
- (a) Equality /Homogeneity of variances
 - (b) Normality
 - (c) Dependency of Observations
 - (d) Independency of Observations

42.error occurs if a researcher fails to reject a null hypothesis that is actually false in the population.
- (a) Type I
 - (b) Type II
 - (c) Both Type I & Type II
 - (d) Neither Type I nor Type II
43. A value of -1.00 of Coefficient of Correlation describes –
- (a) no correlation
 - (b) a negative weak correlation
 - (c) a perfect positive correlation
 - (d) a perfect negative correlation
44. The measure which divides a distribution into ten equal parts is known as -
- (a) Quartile
 - (b) Percentile
 - (c) Decile
 - (d) none of the above
45. Francis Bacon propounded the ‘Inductive Method of Acquiring knowledge’ in which one proceeds from-
- (a) Particular to general
 - (b) Simple to complex
 - (c) General to specific
 - (d) Specific to general
46. Which one of the following research designs can be employed to study the effect of more than one independent variable ?
- (a) Post-test only control group design
 - (b) Pre-test post-test control group design
 - (c) repeated measures design
 - (d) Factorial Design
47. Books and records are the primary sources of data in –
- (a) Clinical research
 - (b) Experimental research
 - (c) Historical research
 - (d) None of the above

48. Standard Error is used to -
- (a) estimate the accuracy of a sample
 - (b) estimate the efficiency of a sample
 - (c) estimate the consistency of a sample
 - (d) All of the above
49. Who among the following used the term 'Null Hypothesis' in his book ?
- (a) S. Freud
 - (b) William James
 - (c) Ronald Fisher
 - (d) Jerome Bruner
50. With regard to teaching methods, devices, techniques and procedures, the laissez- faireists endorse-
- (a) universal application
 - (b) scientific experimentation
 - (c) routine performance
 - (d) capricious spontaneity
51. Who was the Chairperson of National Curriculum Framework (NCF) 2005 ?
- (a) prof. Ved Prakash
 - (b) Prof Yashpal
 - (c) Prof. N.V. Varghese
 - (d) Prof K. Kasturirangan
52. Which of the following is not a correct match ?
- (a) Spearman- -Two-factor theory
 - (b) Torrance - -Creativity
 - (c) Rorschach - - Projective technique
 - (d) Freud - -Multi-factor theory
53. Who described a seminar as ' a small group of thinkers on the same page'?
- (a) Mortimer Adler
 - (b) John Dewey
 - (c) Paulo Freire
 - (d) Albert Bandura
54. "A curriculum is a structured series of intended learning outcomes", was a statement given by -
- (a) Johnson

- (b) Ross
 - (c) Stanley hall
 - (d) Glen Hass
55. Inclusive Education is based on the principle of-
- (a) Zero rejection
 - (b) Collaboration
 - (c) Welcoming diversity
 - (d) All of the above
56. The Idealistic School of Philosophy believes that values are -
- (a) Intrinsic and temporal
 - (b) Extrinsic and absolute
 - (c) Absolute and discoverable
 - (d) Intrinsic and relative
57. Developing a theory of social interaction from the class room practices comes in the domain of -
- (a) Philosophy of Education
 - (b) Science of Education
 - (c) Sociology of Education
 - (d) Educational Sociology
58. 'Scapegoating' is based on the principle of -
- (a) Compensation
 - (b) Projection
 - (c) Rationalization
 - (d) Displaced aggression
59. Which constitutional amendment in India relates to the universalization of elementary education ?
- (a) 45th amendment
 - (b) 49th amendment
 - (c) 86th amendment
 - (d) 92nd amendment
60. Which commission highlighted the objective of fostering critical thinking skills and research abilities among teachers at the college level ?
- (a) National Commission on Teachers
 - (b) University Education Commission
 - (c) Kothari Commission
 - (d) Mudaliar Commission

61. The end state which gives direction to motivated behaviour is called ?
- (a) a purpose
 - (b) a need
 - (c) a motive
 - (d) a goal
62. Social change has -
- (a) Direction
 - (b) Magnitude
 - (c) Neither direction nor magnitude
 - (d) Both direction and magnitude
63. Lord Macaulay submitted his minutes on Education in the year -
- (a) 1832
 - (b) 1835
 - (c) 1842
 - (d) 1849
64. The abbreviation MOOCs stands for-
- (a) Massive Online Open courses
 - (b) Massive Open Online Courses
 - (c) Media Online Open courses
 - (d) Media Open Online courses
65. Dialogue method of teaching was highlighted by –
- (a) William James
 - (b) Kant
 - (c) Socrates
 - (d) Aristotle
66. Which curriculum evaluation model requires the evaluation of various dimensions like context, input, process and product in judging a programme's effectiveness ?
- (a) CIPP Model
 - (b) Connoisseurship Model
 - (c) Congruence-Contingency Model
 - (d) Metfessel – Michael model
67. Educational pragmatists are -
- (a) in favour of indoctrination
 - (b) opposed to indoctrination
 - (c) indifferent to the issue of indoctrination

- (d) None of the above
68. The functions of National Council for Teacher Education are –
- i Making admission of students in institutions of teacher education
 - ii Conducting examination in the institutions of teacher education
 - iii Determination and maintenance of standards in teacher education
 - iv preventing commercialization of teacher education
- (a) i & ii
(b) ii & iii
(c) iii & iv
(d) i & iv
69. In the context of India, the full form of RTE (2009) Act is-
- (a) The Right of Children to Compulsory Elementary Education Act
(b) The Right of Children to Free and Compulsory Education Act
(c) The Right of Children to Elementary Education Act
(d) The Right of Children to Education and Human Rights Act
70. Which of the following statements concerning the ‘laws’ of learning is most acceptable ?
- (a) They describe certain influences that facilitate or hinder learning
(b) They operate in same manner and degree for all learning situations
(c) They do not pertain to the learning of lower order animals
(d) None of the above
71. The idea of four pillars of education was suggested by-
- (a) UGC
(b) NCERT
(c) UNESCO
(d) World Bank
72. The medium of instruction in the Vedic period was -
- (a) Arabic
(b) Sanskrit
(c) Pali
(d) Hindi
73. Social structure, culture and personality in combination represents -
- (a) Cultural milieu
(b) A social system
(c) Social tradition
(d) The folkways
74. Cultural diffusion means -
- (a) An exogenous source of change

- (b) Historically important source of change
 - (c) Borrowing of the society's culture by another one
 - (d) All of the above
75. According to Dewey, education is best defined as-
- (a) acquisition of knowledge
 - (b) preparation for life
 - (c) reconstruction of experience
 - (d) inculcation of values
76. A 'need' is to 'hunger' as a 'stimulus' is to -
- (a) food
 - (b) the smell of food
 - (c) the decision to cook food
 - (d) a particular type of food
77. The phrase 'equal educational opportunity' relates to -
- (a) equal opportunity for all children to have access to home based education
 - (b) equality of educational standards for each child
 - (c) free education for those who cannot afford
 - (d) equal opportunity to have the type of education for which one is suited
78. An eclectic is one who-
- (a) believes it is impossible to know reality
 - (b) rejects all philosophical beliefs
 - (c) takes beliefs from several philosophies
 - (d) None of the above
79. 'Rationalisation' and 'Compensation' are examples of -
- (a) Escape mechanisms
 - (b) nervous breakdown
 - (c) Defense mechanisms
 - (d) None of the above
80. The statement 'Existence precedes essence' is given by which one of the following philosophers ?
- (a) Jean Paul
 - (b) Comte
 - (c) Jaspess
 - (d) Soren Kierkegaard

81. In Pavlov's Classical Conditioning theory of learning , which one functions as a reinforcer ?
- (a) Conditioned Stimulus(CS)
 - (b) Unconditioned Stimulus(US)
 - (c) Both Conditioned Stimulus and Unconditioned Stimulus
 - (d) Neither Conditioned Stimulus nor Unconditioned Stimulus
82. The major responsibility of a school counsellor is to -
- (a) solve students' problems
 - (b) provide teachers with students' data
 - (c) help students solve their problems
 - (d) None of the above
83. The father of Educational Sociology is generally recognised to be -
- (a) E George Payne
 - (b) Adam Smith
 - (c) Comte
 - (d) C A Ellwood
84. The primary aim of an in-service teacher education programme is -
- (a) eliminate problems which occur in teaching
 - (b) earn credit points for a degree
 - (c) teacher welfare
 - (d) teacher growth and development
85. Rousseau's major contribution to modern education was the -
- (a) kindergarten
 - (b) philanthropinum
 - (c) philosophy of naturalism
 - (d) none of the above
86. According to Sankhya, ' Prakriti ' is -
- (a) unconscious
 - (b) Controlled
 - (c) Chetan
 - (d) Both 'a' & 'b'
87. The mental changes involved as one acquires new ways of perceiving things are referred to as-
- (a) cognitive
 - (b) affective
 - (c) connative
 - (d) teleological

88. The term reinforcement in operant conditioning paradigm means -
- (a) Response which comes after stimulus
 - (b) Response which comes before stimulus
 - (c) Stimulus which comes after response
 - (d) Stimulus which comes before response
89. In the National Education Policy (2020) of Government of India, the curricular and pedagogical structure of school education is reconfigured as –
- (a) 5+3+3+4 design
 - (b) 3+ 5+ 3+4 design
 - (c) 3+8+2+2 design
 - (d) 3+5+3+3 design
90. With reference to intelligence, the Binet scales were first formulated around -
- (a) 1870
 - (b) 1895
 - (c) 1905
 - (d) 1925
91. Which Article in the constitution of India deals with elementary education ?
- (a) Article 326
 - (b) Article 19
 - (c) Article 370
 - (d) Article 21 A
92. Spearman called the ‘g’ factor as a factor which is -
- (a) innate and changeable
 - (b) innate and unchangeable
 - (c) acquired and changeable
 - (d) acquired and unchangeable
93. When arranged in order of potency according to Maslow’s classification, which of the following needs would come third in the series ?
- (a) safety
 - (b) love
 - (c) esteem
 - (d) self-actualization
94. Which initiative by the Government of India provides assistance for the inclusive education of disabled children at secondary stage of education ?
- (a) NGSS
 - (b) IEDC
 - (c) SSA

- (d) IEDSS
95. Who first devised a workable instrument for the measurement of human intelligence ?
- (a) Goddard
 - (b) Binet
 - (c) Galton
 - (d) Terman
96. Which School of Philosophy believes that only karmas are responsible for the next birth, not the soul ?
- (a) Sankhya
 - (b) Islam
 - (c) Vedanta
 - (d) Buddhism
97. Using the term sociologically, the 'gang' relates to -
- (a) a marginalized group
 - (b) an anti-social group
 - (c) an adolescent phenomenon
 - (d) a low socio-economic group of males
98. The educational domain that relates to the emotional aspect of learning and is concerned with changes in values and attitudes-
- (a) Cognitive domain
 - (b) Affective domain
 - (c) Psychomotor domain
 - (d) Evaluative domain
99. Who was considered the father of the Hierarchical Theory of Motivation ?
- (a) Thomas Briggs
 - (b) Henry A Murray
 - (c) C T Morgan
 - (d) A H Maslow
100. Who was the Chairman of the Wardha Scheme of Education, 1937 ?
- (a) Mahatma Gandhi
 - (b) Pt. Jawahar Lal Nehru
 - (c) Dr. Zakir Hussain
 - (d) Raja Ram Mohan Roy

Ph.D (Education) Entrance Test- 2024

Scoring Key

Q No.	Answer	Q. No.	Answer	Q.No.	Answer	Q.No.	Answer
1	D	26	B	51	B	76	B
2	A	27	A	52	D	77	D
3	B	28	D	53	A	78	C
4	C	29	B	54	A	79	C
5	D	30	B	55	D	80	A
6	B	31	A	56	C	81	B
7	D	32	A	57	C	82	C
8	C	33	B	58	D	83	A
9	B	34	D	59	C	84	D
10	A	35	A	60	B	85	C
11	B	36	A	61	D	86	A
12	A	37	B	62	C	87	A
13	C	38	A	63	B	88	C
14	B	39	C	64	B	89	A
15	B	40	B	65	C	90	C
16	B	41	C	66	A	91	D
17	A	42	B	67	B	92	B
18	D	43	D	68	C	93	B
19	B	44	C	69	B	94	D
20	D	45	A	70	A	95	B
21	C	46	D	71	C	96	D
22	A	47	C	72	B	97	C
23	C	48	D	73	B	98	B
24	B	49	C	74	D	99	D
25	B	50	D	75	C	100	C