Seat No.	

M.Phil/Ph.D. Entrance Examination, May - 2019 (Special Drive)
EDUCATION

Day and Date : Tuesday, 21 - 05 - 2019　　　　　　　　　**Total Marks : 100**
Time : 10.00 a.m. to 12.00 noon

Instructions :
1) All questions are compulsory.
2) Each question carries 2 marks.
3) Answers should be marked in the given OMR answer sheet by darkening the appropriate option.
4) Use black ball point pen only for marking the circle. Do not make any stray mark on the OMR Answer Sheet.
5) Follow the instructions given on OMR Sheet.
6) Rough work shall be done on the sheet provided at the end of question paper.
7) Only non programmable calculators are allowed.

1) Fundamental Research focus on _____
   A) Solving people's problems
   B) Solving problems of sample
   C) Additional knowledge to the discipline
   D) Application of theory

2) Action Research does not involve _____
   A) Data collection　　　　　　B) Sampling
   C) Try-out and implementation　　D) Writing a Report

3) External and Internal criticism of data is concerned with _____ type of research.
   A) Experimental　　　　　　B) Descriptive
   C) Ethnographic　　　　　　D) Historical

P.T.O.

4) Inductive thinking involves _____

    A) From general to specific   B) From specific to general

    C) From micro to macro   D) From macro to micro

5) Testing of theory is concerned with _____ research.

    A) Basic   B) Applied

    C) Qualitative   D) Quantitative

6) A third distinct research methodological movement in social and behavioral sciences is _____

    A) Qualitative   B) Quantitative

    C) Mixed method   D) Multi method

7) A picture of the way of life of some identifiable group of people means _____

    A) Ethnography   B) Case study

    C) Cultural study   D) Naturalistic theory

8) In Grounded theory research coding is _____

    A) The process of analyzing data   B) Data reduction

    C) Data display   D) putting tags

9) The working population is _____

    A) Target sample   B) Sampling frame

    C) Sample size   D) Sampling list

10) In Qualitative research the central phenomenon is _____

    A)   Research purpose and question   B)   Hypothesis

    C)   Prediction   D)   Generalization

11) The type of sampling in which initial respondents are selected by probability methods and additional respondents are obtained from the information provided by initial respondents is _____ sampling

    A)   Convenience   B)   Quota

    C)   Purposive   D)   Snow ball

12) In _____ scale no initial point can be decided.

    A)   Interval   B)   Ratio

    C)   Ordinal   D)   Nominal

13) In _____ sampling process after selection of starting point, every n^{th} number on the list is selected

    A)   Stratified   B)   Systematic

    C)   Multistage   D)   Cluster

14) The error deviations within the Sum Square Error statistic measure distances:

    A)   within groups

    B)   between groups

    C)   both (a) and (b)

    D)   between each value and the grand mean

15) A Type 1 error is also known as a _____.

A) False positive   B) False negative

C) Double negative   D) Positive negative

16) A statistical test used to determine whether a correlation coefficient is statistically significant is called the _____

A) One-way analysis of variance

B) t-test for independent samples

C) Chi–square test for contingency tables

D) t–test for correlation coefficients

17) A good way to get a small standard error is to use a _____

A) Repeated sampling   B) Small sample

C) Large sample   D) Large population

18) The process of marking segments of data with symbols. descriptive words, or category names is known as _____.

A) Concurring   B) Coding

C) Coloring   D) Segmenting

19) Analysis of Covariance is _____

A) A statistical technique that can be used to help equate groups on specific variables

B) A statistical technique that can be used to control sequencing effects

C) A statistical technique that substitutes for random assignment to groups

D) Adjusts scores on the independent variable to control for extraneous variables

20) The group that does not receive the experimental treatment condition is the
_____

    A) Experimental group   B) Control group

    C) Treatment group   D) Independent group

21) A variable that is pre assumed to cause a change in another variable is called
as _____

    A) categorical variable   B) dependent variable

    C) independent variable   D) intervening variable

22) The primary data analysis approach in Ethnography is _____

    A) Open, axial and selective coding

    B) Holistic description and search for cultural themes

    C) Cross-case analysis

    D) Identifying essences of a phenomenon

23) A graph that uses vertical bars to represent data is called a _____

    A) Line graph   B) Bar graph

    C) Scatter plot   D) Vertical graph

24) Which of the following represents the fiftieth percentile, or the middle point in
a set of numbers arranged in order of magnitude?

    A) Mode   B) Median

    C) Mean   D) Variance

25) Which of the following is NOT a measure of variability?

A) Median   B) Variance

C) Standard deviation   D) Range

26) The Right to Education Act is an extension of the _____ Article of our Constitution.

A) 43   B) 55

C) 45   D) 17

27) The Chairman of National Knowledge Commission was _____

A) Sam Pitroda   B) D. S. Kothari

C) Yash Pal   D) Prakash Jawadekar

28) The Four Pillars of Education were suggested by

A) UNICEF   B) NCERT

C) NCTE   D) UNESCO

29) Which of the following are agencies of social change?

i)   Family

ii) School

iii) National Army

iv) National Calamity

Ans

A) i) and ii)   B) ii) and iii)

C) iii) and iv)   D) iv) and i)

30) The 'National Education Day' is celebrated in the memory of _____

   A) Sou. Savitribai Phule   B) Dr. Radhakrishnan

   C) Dr. A. P. J. Abdul Kalam   D) Moulana Abul Kalam Azad

31) Who is the best motivator in school?

   A) The Head Master   B) The Class Teacher

   C) The Class Fellow   D) The Subject Teacher

32) Learning is an association between stimulus and _____

   A) Animal   B) Response

   C) Past experience   D) Behavior

33) The term Multiple Intelligence is stated by _____

   A) Goleman   B) Spearman

   C) Gardner   D) Thorndike

34) Which of the following does not include in approaches for teaching?

   A) Knowledge Centeredness   B) Environment Centeredness

   C) Assessment Centeredness   D) Teacher Centeredness

35) Human Development Index (HDI) is a statistical composite index used to rank countries in four tiers of human development is.

   A) Life Expectancy, Education and per capita income indicator

   B) Life Expectancy Population and per capita income indicator

   C) Education, Population and Life Expectancy

   D) Education, per capita income indicators and Population

36) Attitudes, concepts, skills and knowledge are products of

    A)   Learning   B)   Research

    C)   Heredity   D)   Explanation

37) The in-service teacher training can be made more effective by

    A)   Using training package which is well prepared in advance

    B)   Making it a residential programme

    C)   Using cooperative approach

    D)   Practicing training follow-up procedures

38) E-pathshala is an initiative of

    A)   IITs and IISc

    B)   Ministry of Human Resource Development

    C)   NCERT

    D)   Both (b) and (c)

39) In modern teaching learning process an important place is assigned to _____

    A)   Teacher   B)   Teaching Aids

    C)   Students   D)   Media

40) Which of the following indicates evaluation?

    A)   Ram got 45 marks out of 200

    B)   Mohan got 38% marks in English

    C)   Shyam got first class in final examination

    D)   All of the above options

41) The hardware technology of education implies use of _____

    A) Charts and Models   B) Programmed learning

    C) Psychology of learning   D) Tools of evaluation

42) In 'Behavior Technology' the teaching-learning technique includes _____

    A) Micro Teaching   B) Programme Instruction

    C) Self Instruction   D) Correspondence Education

43) The concept of Instructional Technology was coined by _____

    A) M. A. Flanders   B) Herbart

    C) Hunt and Davison   D) Bruner and Skinner

44) The chief exponent of audio-visual aids in teaching is _____

    A) Comenius   B) Bloom

    C) Allen   D) Edgar Dale

45) Which of the following is electronic resource?

    A) Teleconference   B) Excel Work Sheets

    C) Slides   D) Over Head Projector

46) The transmission of receiver's reaction back to the sender is known as _____

    A) Noise   B) Feedback

    C) Medium   D) Source

47) Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R).

Assertion (A): Philosophy helps in determining aims of education.

Reason (R): Education depends mostly on Philosophy.

In the context of the two statements, which one of the following is correct?

Codes:

A) Both (A) and (R) are true.
B) Both (A) and (R) are false.

C) (A) is true. but (R) is false.
D) (A) is false, but (R) is true.

48) SPSS is _____

A) Statistical Package for Scientific Studies

B) Statistical Package for Social Sciences

C) Scientific Package for Social Scientists

D) Scientific Package for Statistical Study

49) In 'graph', the horizontal axis is called

A) W-axis
B) Y-axis

C) X- axis
D) Z-axis

50) Internet and World Wide Web are _____

A) Both are the same

B) Internet is part of World Wide Web

C) World Wide Web is part of the internet

D) None of these

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Rough Work

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