

Seat No.	
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M.Phil/Ph.D. Entrance Examination, August - 2018
EDUCATION

Day and Date : Saturday, 11 - 08 - 2018**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. The scientific method which focuses on testing hypotheses developed from theories is _____.
 - A) Deductive method
 - B) Inductive method
 - C) Hypotheses method
 - D) Pattern method

2. One of the characteristics of qualitative research from the following is _____
 - A) Generalization to the population
 - B) Random sampling
 - C) Unique test orientation
 - D) Standardized test and measures

P.T.O.

3. In research, something that does not vary is called a _____
- A) variable
B) method
C) constant
D) control Group
4. If an investigator wants to study the vocational aspirations of visually challenged children in a wide geographical area, then sample should be selected by using _____ sampling method.
- A) simple random
B) stratified
C) purposive
D) convenient
5. An approach which is not suitable for analysis of qualitative data is _____ analysis.
- A) Logical
B) Criterion
C) Content
D) Inductive
6. The first step in the research process is _____
- A) searching sources for information
B) survey of related literature
C) identification of broad area of research
D) searching for solution to problem
7. Qualitative method of research is _____
- A) experimental research
B) normative survey
C) ethnography study
D) ex-post facto research

13. For immediate calculation of central tendency _____ is used.
- A) Mean B) Medium
C) Mode D) Arithmetic mean
14. While calculating median of ungrouped data _____ formula is used oftenly.
- A) $\frac{N+1}{2}$ B) $\frac{N}{2}$
C) $\frac{N+2}{2}$ D) $\frac{N \times 2}{2}$
15. If the value of coefficient between two variables is zero, it can be concluded that both variables are _____
- A) independent of each other B) dependent of each other
C) neutral D) mutual
16. The _____ is the middle value which divides the observed values into two equal parts.
- A) Mean B) Median
C) Mode D) Harmonic Mean
17. The method of analysis of variance was originally developed by _____ scientist.
- A) Galton B) Fisher
C) Rao D) Newton
18. By taking square root of variance _____ deviation is calculated.
- A) standard B) mean
C) average D) range

- 26.** For building an integrated and equalitarian society, it is necessary _____.
- A) To expand the educational facilities throughout the country
 - B) To have a nationwide common medium of instruction
 - C) To have common schools and equal facilities of education for all through the country
 - D) To teach religious and social values in the schools of country
- 27.** A common feature of Hinduism, Buddhism and Jainism is belief about _____
- A) the unreality of the world
 - B) the existence of God
 - C) the Soul
 - D) karma
- 28.** Beginning with family as a lowest unit of the following constitutes correctly sequenced hierarchy of social group is _____
- A) Nation - Race - Class - Tribe - Family
 - B) Family - Class - Tribe - Race - Nation
 - C) Family - Tribe - Race - Class - Nation
 - D) Family - Race - Class - Tribe - Nation
- 29.** The realists get their aims of education from _____
- A) The great books
 - B) Our traditions
 - C) Public interests
 - D) The church
- 30.** Axiology is _____
- A) Logic, Ethics and Aesthetics
 - B) Logic, Grammar and Rhetorics
 - C) Logic, Grammar and Mathematics
 - D) Ethics, Sociology and Philosophy

- 31.** Bodily / Kinesthetic learning style includes _____
- A) using tools
 - B) imagining things
 - C) problem solving
 - D) reasoning
- 32.** The term children with specific learning disabilities does not include _____
- A) Children with dyslexia
 - B) Children with developmental aphasia
 - C) Children with emotional disturbances
 - D) Children with minimum dysfunction
- 33.** Girls and boys at teenage prefer to have _____ group.
- A) Cultural
 - B) Same
 - C) Social
 - D) Separate
- 34.** Howard Gardner's Theory of Multiple intelligences is based on _____
- A) Neuro-Science
 - B) Adaptation
 - C) Experiences
 - D) Context
- 35.** It is said that there are individual differences in a class. This fact is _____
- A) a suggestion for teachers to be careful in teaching
 - B) supported by lazy teachers to find excuses for their weaknesses
 - C) purely a historical evidence that is out dated today
 - D) great hindrance to teachers in teaching

- 36.** Which of the following statement about growth and development is not correct?
- A) Growth is determined by intrinsic and genetic factors of the organism
 - B) Growth generally refers to quantitative changes while development
 - C) Growth is function of environment
 - D) Growth is not possible without development and vice versa
- 37.** Computer assisted instruction (CAI) is based on the principle of _____ learning
- A) behavioural
 - B) programmed
 - C) audio-visual
 - D) audio
- 38.** When carefully designed curricula are to be implemented then most likely educational device _____ will be cost effective than television.
- A) tape recorder
 - B) radio
 - C) over head projector
 - D) computer
- 39.** The process of making illusion of motion and illusion of change is called _____
- A) audio
 - B) video
 - C) animation
 - D) sourcing

- 40.** In ADDIE model of instructional design _____ is not included.
- A) Evaluation
 - B) Designing
 - C) Communication
 - D) Implementation
- 41.** Principles of psychology are used in _____ approach for the purpose of behaviour modification.
- A) Hardware
 - B) Software
 - C) Audio-visual
 - D) Informal
- 42.** The long form of MOOC is _____
- A) Massive open online courses
 - B) Mastering open online courses
 - C) Monitoring open online curriculum
 - D) Monitoring open offline curriculum
- 43.** Education Technology improves _____ process.
- A) instruction
 - B) teaching - learning
 - C) learning
 - D) teaching
- 44.** The policy of reservation of seats in higher education and Government employment is an example of _____ mobility.
- A) sponsored
 - B) contest
 - C) cultural
 - D) geographical
- 45.** The term curriculum means _____
- A) A subject of study offered by an educational institution
 - B) The theory and practical courses to be completed to qualify for a level of education
 - C) Organized whole of learning and other experiences provided by educational institutions, to realize set goals
 - D) The prescribed syllabi in the various subjects, plus practical courses and project /dissertation

46. NCTE was established by an act of parliament in _____
A) 1975 B) 1995
C) 1996 D) 1986
47. The system analysis relates to _____ aspect.
A) Input B) Product
C) Process D) Resource
48. The book 'Learning, the Treasure within' is authored by _____
A) J.S. Rajput B) N. Bennett
C) J. Delors D) J. Hala
49. Special education courses are controlled by _____
A) Special education council of India
B) Rehabilitation council of India
C) National council of Teacher Education
D) Medical council of India
50. The selection test for admission to teacher training programme was suggested
by _____
A) NCTE
B) NAAC
C) NPERC
D) NCERT



Rough Work

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