

Seat No.	
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M.Phil./Ph.D. Entrance Examination, August - 2018
LIBRARY AND INFORMATION SCIENCE

Day and Date : Saturday, 11 - 08 - 2018
Time : 10.00 a.m. to 12.00 noon.

Total Marks : 100

- 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) _____ is a suggested explanation on the basis of existing knowledge but with a mind open to a change of view if the facts gathered at the enquiry suggest a different explanation.
A) Hypothesis
B) Null Hypothesis
C) Alternate Hypothesis
D) Research Design
- 2) _____ is an electronic device that allows a single communication channel to carry simultaneous data transmission from any terminal.
A) Translator
B) Loader
C) Compiler
D) Multiplexer
- 3) _____ is a positional average in Measures of Central Tendency.
A) Mean
B) Mode
C) Median
D) Cumulative Frequency
- 4) The techniques of TQM are _____.
A) Benchmarking
B) Bar Chart
C) Both (A) and (B)
D) None of these

- 5) _____ combines the advantages of both random as well as stratified sampling.
- A) Convenience Sampling B) Stratified Sampling
C) Cluster Sampling D) Extensive Sampling
- 6) OSI divides telecommunication into _____ Layers.
- A) Six B) Seven
C) Eight D) Five
- 7) Which of the following tool is based upon a series of questionnaire interchanges often referred to as 'rounds'?
- A) Scaling Technique B) Delphi Method
C) Chi Square D) T-test
- 8) _____ describes a relation between the rank of a word and the frequency of its appearance in a long text.
- A) Zipf's Law B) Lotka's Law
C) Bradford's Law D) Extensive Sampling
- 9) A database NALANDA was created by _____.
- A) ILA B) IASLIC
C) NASSDOC D) IFLA
- 10) In a research report/paper, to refer to an earlier but not an immediately preceding reference, which of the following term is used?
- A) Citation Index B) Ibid
C) LOC. cit. D) Op. Cit
- 11) Post coordinate indexing overcome difficulties created by _____.
- A) Fixed Citation Order B) Recall and precision
C) Vocabulary Control D) Variable Citation Order
- 12) A statistical test used to determine whether a correlation coefficient is statistically significant is called the _____.
- A) Variance
B) z-test for correlation coefficient
C) t-test for correlation coefficient
D) Chi —square test for contingency tables

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- 13) A popular protocol for sending e-mail is _____ and for receiving it is _____.
- A) SMTP and HTTP B) HTTP and POP 3
C) SMTP and POP 3 D) HTTP and SMTP
- 14) In search techniques, _____ can be used to help look for variant spellings.
- A) Truncation B) Adjacency Searching
C) Boolean logic D) Wild cards
- 15) _____ is a process of ensuring that a programme operates on a clean data.
- A) Data Manipulation B) Data Retrieval
C) Data Truncation D) Data Validation
- 16) Which research paradigm is based on the pragmatic view of reality?
- A) Quantitative Research B) Qualitative Research
C) Mixed Research D) None of the above
- 17) _____ helps to lay down a set of Effective and efficient processes for the library.
- A) TQM
B) Re-engineering of library services
C) Marketing of library services
D) All the above
- 18) Who coined the term Artificial Intelligence?
- A) John McCarthy B) Berness Lee
C) Allen Pritchard D) Wallace Alexander
- 19) The research which gives the same result every place is known as _____ research.
- A) Empirical B) Fundamental
C) Basic D) A Priori
- 20) Which of the following sampling methods is the best way to select a group of people for a study if you are interested in making statements about the larger population?
- A) Convenience sampling B) Quota sampling
C) Purposive sampling D) Random sampling

- 21) Arrange the following States according to the year of enactment of library legislation:
(I) Pondicherry (II) Orissa (III) Rajasthan (IV) Karnataka
A) (IV), (I), (III), (II) B) (IV), (II), (III), (I)
C) (IV), (III), (I), (II) D) (I), (III), (II), (IV)
- 22) A Statistical measure used in the context of sampling and for comparing a variance to a theoretical variance is called_____.
A) Chi Square B) t-Test
C) Z-test D) p-Value
- 23) Which sources would you consult to know the 'Impact factor' of journal publications?
(i) Web of science (ii) SCOPUS
(iii) EBSCO (iv) Science Direct
A) (i) and (iv) B) (ii) and (iii)
C) (iii) and (iv) D) (i) and (ii)
- 24) The UGC-INFONET Digital Library Consortium has been merged in _____.
A) e-Shodhsindu: Consortium for Higher Education Electronic Resources.
B) N-List Programme
C) UGC – Infonet Programme
D) Shodhganga
- 25) Canon of Exhaustiveness and Canon of Exclusiveness are the canons of _____.
A) Verbal plane B) Notational plane
C) Idea plane D) None of these
- 26) _____ are online services and sites that provide searchable and browsable catalogues of internet based resources.
A) An Archive B) Subject Gateways
C) Databanks D) Portal
- 27) The method of investigation to collect information on aphenomena through observations, interviews and questionnaires is known as _____.
A) Survey B) Case study
C) Schedule D) Record Analysis

- 28) Compressing relevant documents to provide defined user groups with reliable and concise new bodies of knowledge is called _____.
- A) Information analysis B) information Repackaging
C) Information Consolidation D) Information Coupling
- 29) Which scale is simplest form of measurement?
- A) Ordinal B) Internal
C) Ratio D) Nominal
- 30) Which canons deal with the language and terminology aspects in a scheme of classification which, when followed, minimize the chances of errors on the part of classificationist and classifier?
- A) Canons for Verbal Plane B) Canons for Array
C) Canons for Filiatory Sequence D) Canons for Idea Plane
- 31) Which communication model describes that ‘without messages the process of encoding and decoding can have no meaning.’?
- A) Aristotelian Model
B) General Model of Communication
C) The Mathematical Model
D) Wilbur Schram Model
- 32) Historical research is conducted for which of the following reasons?
- A) To identify the relationship that the past has to the present
B) To evaluate and record accomplishments of individuals or entities
C) To enhance understanding of the culture in which we live
D) All of the above
- 33) Class Index Entry in CCC is known as _____.
- A) Main Entry B) Subject Analytical Entry
C) Cross Reference D) Cross Reference Index Entry
- 34) The process of quantifying data is referred to as _____.
- A) Typology B) Diagramming
C) Enumeration D) Coding
- 35) How many sections of main entry of a book are prepared according to CCC?
- A) Six B) Five
C) Seven D) Eight

- 36) When referencing other works you have cited within the text of the report you should
- A) State the first and last name of the author
 - B) Use the author, date citation method
 - C) Use an asterisk and a footnote
 - D) Insert the complete citation in parenthesis
- 37) BERN CONVENTION (1886) is concerned with:
- A) Translations
 - B) Standards
 - C) Patent
 - D) Copyright
- 38) Reliability is most simply known as which of the following?
- A) Consistency or stability
 - B) Appropriateness of interpretations on the basis of test scores
 - C) Ways in which people are the same
 - D) A rank order of participants on some characteristic
- 39) CCF for bibliographic record refers to :
- (i) Formatting of Records.
 - (ii) Data storage.
 - (iii) Data Transfer.
 - (iv) Standard tags of data Identification.
- A) (iii) and (iv) are correct
 - B) (i) and (iv) are correct
 - C) (ii) and (iii) are correct
 - D) (i) and (ii) are correct
- 40) 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
- 41) Which of the following are anti Plagiarism Softwares:
- A) ideatheft
 - B) Copycheck
 - C) Both (A) and (B)
 - D) None of these
- 42) Online union catalogue of Indian universities developed by INFLIBNET is_____.
- A) indcat
 - B) Shodhsindhu
 - C) Catalogue of India
 - D) Shodhganga

- 43) Which of the following programmes are merged into e-Shodhsindhu by INFLIBNET?
- A) UGC-Infonet and N-List
 - B) N –List and INDEST-AICTE
 - C) INDEST-AICTE t and UGC-Infonet
 - D) UGC-Infonet, N-List and INDEST-AICTE
- 44) Which of the following statistical application programme is used for data processing in research?
- A) IDAMS
 - B) BMDP
 - C) Microstat
 - D) All the above
- 45) Important measures of dispersion are _____.
- A) Standard Deviation
 - B) Range
 - C) Mean Deviation
 - D) All the above
- 46) Dublin Core uses _____.
- A) Book Tags
 - B) Subject Portals
 - C) HTML Tags
 - D) Translators
- 47) _____ is a format for delivering regularly changing web contents.
- A) RSS
 - B) Bookmarks
 - C) An Archive
 - D) A Portal
- 48) INDEST is an example of _____.
- A) Virtual Libraries
 - B) University Libraries
 - C) Special Libraries
 - D) Digital Libraries
- 49) Who defined research as ‘systematized effort to gain new knowledge’?
- A) Goode and Hatt
 - B) M. Stephenson
 - C) Redman and Mory
 - D) D. Slesinger
- 50) The determination of a statistical relationship between two or more variables is called _____.
- A) Mean Deviation
 - B) Regression
 - C) Correlation coefficient
 - D) A Variance



Rough Work