

UNIVERSITY OF CALICUT
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
M.Phil Entrance Examination April 2020

Time: Two Hours

Maximum: 100 Marks

I. Write the correct answers for the following objective type questions (25 X 2 = 50 Marks)

1. The primary difference between RDA and AACR is.....
 - a) Structural
 - b) Relational
 - c) Non Structural
 - d) Combination
2. Vidwan (INFLIBNET) is
 - a) An open source software
 - b) An association of intellectuals
 - c) A database of experts
 - d) A programming language
3. Who developed Functional Requirements for Bibliographic Records (FRBR)
 - a) IFLA
 - b) CILIP
 - c) ALA
 - d) UNESCO
4. Working Papers falls under the category of
 - a) Books
 - b) Monographs
 - c) Newspapers
 - d) Grey literature
5. Zero Based Budgeting system was propounded by:
 - a) Peter Drucker
 - b) Edward Evans
 - c) Allan Kent
 - d) Peter Phyrre
6. LISA arranges the entries by:
 - a) LC
 - b) UDC
 - c) DDC
 - d) CRG
7. Indexing system developed by J.C. Sharp is known as.....
 - a) KWIC
 - b) SMART
 - c) SLIC
 - d) NEPHIS
8. An example of an exclusive patent database is:
 - a) Chemical Abstracts
 - b) INSPEC
 - c) COMPENDEX
 - d) Derwent
9. Who is the current producer of 'Web of Science'?
 - a) EBSCO
 - b) Clarivate Analytics
 - c) Springer
 - d) Taylor and Francis
10. Who maintain *WorldCat*, the largest online catalogue in the world?
 - a) British Library
 - b) Library of Congress
 - c) OCLC
 - d) IFLA
11. In which year Resource Description and Access (RDA) was officially published?
 - a) 2010
 - b) 2006
 - c) 2008
 - d) 2002
12. Web impact factor is developed by.....
 - a) R. Rousseau
 - b) M. Thelwall
 - c) L. Bornebora
 - d) P. Ingwersen
13. Who coined the term *information retrieval*?
 - a) Calvin Mooers
 - b) Gerald Salton
 - c) Mortmer Taube
 - d) H.P. Luhn
14. Which of the following can be best described as a categorical variable?
 - a) Age
 - b) Annual income
 - c) Grade point average
 - d) Religion

15. Delphi technique is primarily concerned with?
 a) Data analysis
 b) Data collection
 c) Data interpretation
 d) Data recognition
16. Manipulation is always part of.....
 a) Historical research
 b) Fundamental research
 c) Descriptive research
 d) Historical research
17. Which of the following is a measure of dispersion?
 a) Geometric Mean
 b) Median
 c) Mode
 d) Root Mean Square Deviation
18. Which of the following is not an example of non-random sampling?
 a) Snow ball sampling
 b) Convenience sampling
 c) Quota and purposive sampling
 d) Census
19. The square of standard deviation is called?
 a) Variance
 b) Regression
 c) Chi-Square
 d) Standard error
20. What ANOVA calculate?
 a) R ratios
 b) F ratios
 c) Chi-Square
 d) T score
21. What term is given to the variable which is being measured?
 a) Quantitative variable
 b) Qualitative variable
 c) Independent variable
 d) Dependent variable
22. Which of these are not descriptive statistics?
 a) Standard deviation
 b) Range
 c) Mean
 d) F ratios
23. Which of these would not produce inferential statistics?
 a) ANOVA
 b) Chi-square
 c) Frequency
 d) MANOVA
24. The name given to the database and user interface tools that allow end users to quickly navigate within their data is:
 a) ORACLE
 b) OLAP
 c) ONIX
 d) OCLC
25. The development of a solid foundation of reliable knowledge typically is built from which type of research?
 a) Basic Research
 b) Applied Research
 c) Action Research
 d) None of the above

- II. Write short notes on any four of the following** (4 X 5 = 20 marks)
1. Research Data Management
 2. e-ShodhSindhu
 3. Sampling error
 4. Case Study Method of Research
 5. Correlation analysis
 6. Linear regression

- III. Write essays on any two of the questions** (2 X 15 = 30 Marks)
1. What is Metadata? Describe the Dublin Core Metadata Standards in detail.
 2. What is Correlation? Explain the various statistical methods of determining correlation.
 3. 'Web scale discovery services are a tool with major potential to transform the nature of library systems', Elucidate with suitable examples