

P3
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ENTRANCE EXAMINATION FOR ADMISSION, MAY 2010.

Ph.D. (LIBRARY AND INFORMATION SCIENCE)

COURSE CODE : 156

Register Number :

Signature of the Invigilator
(with date)

COURSE CODE : 156

Time : 2 Hours

Max : 400 Marks

Instructions to Candidates :

1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.
2. Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.
3. Read each question carefully and shade the relevant answer (A) or (B) or (C) or (D) in the relevant box of the ANSWER SHEET using HB pencil.
4. Avoid blind guessing. A wrong answer will fetch you -1 mark and the correct answer will fetch 4 marks.
5. Do not write anything in the question paper. Use the white sheets attached at the end for rough works.
6. Do not open the question paper until the start signal is given.
7. Do not attempt to answer after stop signal is given. Any such attempt will disqualify your candidature.
8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.
9. Use of Calculators, Tables, etc. are prohibited.

1. Who is the Chairman of the Planning Commission of India?
(A) President of India (B) Prime Minister of India
(C) Finance Minister (D) Governor of Reserve Bank
2. As on date there are _____ states in India.
(A) 24 (B) 28 (C) 26 (D) 30
3. The minimum age required for election to Rajya Sabha is
(A) 25 years (B) 28 years (C) 26 years (D) 30 years
4. Sikkim became a new state by
(A) 30th Amendment (B) 34th Amendment
(C) 35th Amendment (D) 36th Amendment
5. The Commercial Banks were Nationalized in
(A) 1947 (B) 1951 (C) 1969 (D) 1992
6. The capital city that stands on the river Danube is
(A) New York (B) Belgrade
(C) Peking (D) None of the above
7. Japanese call their country as
(A) Juhong (B) Nippon
(C) Quhong (D) None of the above
8. The length of the English channel is _____ kilometres
(A) 521 (B) 541 (C) 564 (D) 532
9. Which is the World's oldest known city?
(A) Adelaide (B) Damascus
(C) Beijing (D) None of the above
10. Which is the biggest island in Earth Greenland?
(A) Greenland (B) Sri Lanka
(C) Singapore (D) None of the above

11. Asia's first human DNA Bank has been set up in
(A) New Delhi (B) Hyderabad
(C) Lucknow (D) Mumbai
12. The distribution of finances between centre and states is done on the recommendation of
(A) Finance Ministry (B) Finance Commission
(C) Reserve Bank of India (D) NABARD
13. In which of the following district of Uttar Pradesh has the Indian Carpet Technology Institute been established?
(A) Agra (B) Mirzapur
(C) Moradabad (D) Sant Ravi Das Nagar
14. Which of the following bank from India is first in establishing its branch in China?
(A) Bank of Baroda (B) Punjab National Bank
(C) State Bank of India (D) UCO Bank
15. How many IITs will be set up in the 11th Five Year Plan?
(A) 6 (B) 8 (C) 7 (D) 9

Find the right answers for questions 16 – 25 that can substitute the underlined word correctly.

16. Most of the villagers prefer tea to coffee.
(A) than (B) more than
(C) rather than (D) No improvement
17. She has a passion of music
(A) with (B) for
(C) in (D) No improvement
18. I spoke for an hour.
(A) one hour (B) one full hour
(C) an hour fully (D) No improvement

19. Our team lost the football match, although the boys put in a very good performance.
- (A) put on (B) put up
(C) put off (D) No improvement
20. The teacher was fed up by the boy's persistent misbehaviour.
- (A) about (B) with
(C) from (D) No improvement
21. After taking tuition they are now at the home in the Physics.
- (A) at home in the Physics (B) at home in Physics
(C) at the home in Physics (D) No improvement
22. Although India is still by far a poor country, it can become rich if its natural and human resources are fully utilized.
- (A) few and far between (B) by and large
(C) by and by (D) No improvement
23. The more they earn, more they spend.
- (A) More they earn, more they spend
(B) More they earn, the more they spend
(C) The more they earn, the more they spend
(D) No improvement
24. But in all these cases conversion from one scale to another is easy because scales have well-formulated.
- (A) can be well-formulated (B) are well-formulated
(C) well-formulated (D) No improvement
25. Five years ago today, I am sitting in a small Japanese car, driving across Poland towards Berlin.
- (A) was sitting (B) sat
(C) have been sitting (D) No improvement

26. For stock verification when we decide to include every 10th book, an appropriate sampling technique to be used is
- (A) Stratified Random Sampling (B) Systematic Random Sampling
(C) Simple Random Sampling (D) None of the above
27. Which of the following is not an essential component of a Table?
- (A) Stub Head (B) Stub Entries
(C) Caption (D) Reference
28. Regression Analysis is concerned with the prediction of
- (A) Independent Variable (B) Dependent Variable
(C) Constants (D) None of the above
29. The purpose of Historical Research is not to
- (A) Improve the Past (B) Reconstruct the Past
(C) Study the Past events (D) Understand the Past
30. What would be the Mean of the following Observations: 3, 4, 5, 6, 7?
- (A) 6 (B) 5 (C) 2 (D) 1
31. Which tools/techniques are not used for observation of sound recording?
- (A) T V Channel (B) Video Graph
(C) Broadcasting Programmes (D) Traditional Book
32. Which of the following is not a good quality while preparation of a good questionnaire?
- (A) To State their questions clearly
(B) Ambiguous questions must be avoided
(C) Questions leading to hypothetical situation need not to be asked
(D) Use slang and abbreviations as and when required

33. Questionnaire cannot be distributed through:
- (A) E-mail
 - (B) Blogs
 - (C) Postal
 - (D) Conversation/Counseling
34. Which is not a type of Interview?
- (A) Clinical
 - (B) CATI system
 - (C) Focused
 - (D) Case study
35. Which is not an appropriate guideline for conducting Interview?
- (A) Interview should be in an advance the time, Venue, etc
 - (B) Questions should not be well framed
 - (C) Interviewer should not asked personal questions
 - (D) Interviewer should be friendly, supportive
36. Experimental method cannot be applied in the field of:
- (A) Medical Science
 - (B) Agricultural Sciences
 - (C) Physics
 - (D) Hindi
37. Hypothesis is generally of how many types?
- (A) One type
 - (B) Four types
 - (C) Two types
 - (D) Eight types
38. In a research report appendix does not include
- (A) Glossary
 - (B) Questionnaire
 - (C) Findings
 - (D) List of Institution / Organisations
39. Historical method cannot be applied in
- (A) Libraries in Africa as there are not many libraries
 - (B) Library networks in India
 - (C) Library services in Australia
 - (D) Reading habits of students in college libraries

40. The library survey is conducted to
- (A) Help improve a given situation
 - (B) Provide information to higher authorities
 - (C) Study if the library is meeting its objectives
 - (D) All of the above
41. Sampling is required when the population under study is
- (A) Very large
 - (B) Not cooperative
 - (C) Highly scattered, but small in number
 - (D) Illiterate
42. In a study on impact of Weather on the use of a traditional library, Weather is a/an
- (A) Constant
 - (B) Independent Variable
 - (C) Dependent Variable
 - (D) Unknown Variable
43. Data collection in diagnostic research is not done by the following methods
- (A) Case History
 - (B) Experimental
 - (C) Interviews
 - (D) Clinical Observations
44. Historical Method cannot be applied in the following library situations
- (A) Technical Processes
 - (B) Writing Material
 - (C) Reprographic services
 - (D) None of the above
45. Research can only be carried out at
- (A) Universities
 - (B) Research institutions
 - (C) Learned societies
 - (D) All of the above
46. Basic purpose of Research is to:
- (A) Get Ph.D degree
 - (B) Develop knowledge
 - (C) Teach better
 - (D) Make money

47. The purpose of Historical Research is to:
- | | |
|--------------------------------|---------------------------------------|
| (A) Ascertain Dates and Places | (B) Understand Significance of Events |
| (C) Both (A) & (B) | (D) None of the above |
48. File formats supported by SPSS are
- | | |
|----------------------------|----------------------------|
| (A) .dbf, .xls, .dat, .txt | (B) .xls, .ppt, .txt, .dbf |
| (C) .gif, .txt, .dat, .doc | (D) .dbf, .dat, .png, .xls |
49. User creation of Formula is available in
- | | |
|-----------------------|-----------------------|
| (A) MS Excel only | (B) SPSS only |
| (C) SPSS and MS-Excel | (D) None of the above |
50. Expansion of DESIDOC used in a research plan can be found in:
- | |
|--|
| (A) List of Tables |
| (B) List of Abbreviations / Acronyms |
| (C) Review of Related Literature |
| (D) Conclusion, findings and suggestions |
51. A group effort of generating alternative ideas that can help a manager solve a problem is called
- | | |
|--------------------------|---------------------------------|
| (A) The Delphi technique | (B) Out of the box thinking |
| (C) Brainstorming | (D) The nominal group technique |
52. The BSO has used one of the following approaches as a criteria for the selection of subject field
- | | |
|-------------------------|-----------------------------|
| (A) Arithmetic approach | (B) Organizational approach |
| (C) Linguistic approach | (D) Hierarchical approach |
53. 'Smithsonian report on the construction of catalogues of libraries and their publication by means of separate stereotyped titles' is prepared by
- | | |
|-----------------------|---------------------------|
| (A) C.A. Cutter | (B) Charles Coffin Jewett |
| (C) Victor A. Shaefer | (D) Wyllis E. Wright |

54. How many rules are there in AACR-2R under 'Choice of Name'?
- (A) 17 (B) 19 (C) 18 (D) 16
55. Whole Organ Principle comes under the principles of
- (A) Filiatory sequence (B) Facet Sequence
(C) Alphabetical sequence (D) Helpful sequence
56. The thesaurus 'Root Thesaurus' is published by
- (A) The Library Association (B) American Library Association
(C) International Standard Organization (D) British Standard Institute
57. Who enunciated the concept 'Classaurus'?
- (A) Jean Aitchison (B) G. Bhattacharyya
(C) H.P. Luhn (D) None of the above
58. The principle, which allows the use of users' requests for information as the basis for developing a classification scheme or thesaurus is known as
- (A) User Warrant (B) Literary Warrant
(C) Vocabulary control (D) Authority control
59. The indexing system, Computer Aided Subject System (COMPASS), was introduced in 1991 for
- (A) Indian National Bibliography (B) American National Bibliography
(C) British National Bibliography (D) All the above
60. Microcomputer-based Bibliographic Information System (MIBIS) is introduced by
- (A) DRTC, India (B) IDRC, Canada
(C) Library of Congress, USA (D) OCLC, Ohio
61. The Third International Study Conference on Classification Research held at Bombay in
- (A) 1975 (B) 1976 (C) 1967 (D) 1985

62. The Classification Research Group (CRG) London was established in
 (A) 1952 (B) 1951 (C) 1962 (D) 1961
63. Who defined reference service as "assistance in the use of resources of the library"?
 (A) A.B. Kroeger (B) S.R. Ranganathan
 (C) T.G. Allen (D) Louis Shores
64. 'Indian Chemical Patents' is published by
 (A) CSIR, New Delhi (B) NCL, Pune
 (C) NISCAIR, New Delhi (D) None of the above
65. International Patent Documentation Centre (INPADOC) is located at
 (A) Ohio (B) Vienna (C) Geneva (D) Paris
66. The first librarian to use the phrase "Reference Interview" was
 (A) S.R. Ranganathan (B) D.J. Fosket
 (C) Margaret Hutchins (D) S.C. Bradford
67. The term 'Informetrics' was first proposed in
 (A) 1969 (B) 1976 (C) 1979 (D) 1989
68. Zero Based Budgeting (ZBB) is developed by
 (A) Elton Mayo (B) Peter Phyrre
 (C) C.I. Barnard (D) W.J. Dickson
69. Who divided indexing system into two group viz. Derived Indexing and Assigned Indexing?
 (A) H.P. Luhn (B) Dereck Austin
 (C) S.R. Ranganathan (D) A.C. Foskett
70. Science Citation Index is the brain-child of
 (A) Eugene Garfield (B) G. Bhattacharyya
 (C) A.C. Foskett (D) J.E.L. Farradne

71. Management by Objectives (MBO) was originally developed by
 (A) Raethlisberger (B) Henry Fayol
 (C) Abraham Maslow (D) F.W. Taylor
72. Who is the founder of Ohio College Library Center (OCLC, Now Online Computer Library Centre)?
 (A) H.G. Gadamer (B) F.G. Kilgour
 (C) F.W. Lancaster (D) T.R. Schellenberg
73. National center for Bibliometrics in India is located in
 (A) NISTADS (B) DRTC
 (C) NISCAIR (D) DESIDOC
74. The Saxena Committee, which stressed the need for rural library, was set-up in
 (A) 1948 (B) 1978 (C) 1958 (D) 1968
75. Which is the first library and information science journal in India?
 (A) Library Miscellany (B) Documentation
 (C) Library Herald (D) Indian Library Movement
76. What is the address given to a computer connected to a network called?
 (A) System Address (B) SYSID
 (C) Process ID (D) IP Address
77. Which of the following organizations looks at standards for representation of data on the Internet?
 (A) ISOC (B) W3C
 (C) IEEE (D) IETE
78. DMA stands for
 (A) Direct Memory Access (B) Direct Module Access
 (C) Distinct Memory Access (D) Direct Memory Allocation

79. Swapping means
- (A) Works best with many small partitions
 - (B) Allows many programs to use memory simultaneously
 - (C) Allows each program in turn to use the memory
 - (D) Does not work with overlaying
80. Multiprogramming systems
- (A) Are easier to develop than single programming systems
 - (B) Execute each job faster
 - (C) Execute more jobs in the same time period
 - (D) Are used only on large mainframe computers
81. Which of the following is not a database application?
- (A) DBase
 - (B) Edit
 - (C) FoxPro
 - (D) Access
82. Which of the following is not a part of a standard office suite?
- (A) Word Processor
 - (B) Data base
 - (C) Image Editor
 - (D) File Manager
83. DOAJ means:
- (A) Directory of open access journals
 - (B) Directory of open access repositories
 - (C) Directory of journals
 - (D) None of these
84. What is Dspace?
- (A) Open access Software
 - (B) Operating System
 - (C) Journal in Library science
 - (D) All of the above
85. C programming language was developed by
- (A) Dennis Ritchie
 - (B) Bill Gates
 - (C) Ken Thompson
 - (D) Peter Norton

86. The speed of the central processing unit (CPU) is measured in:
- (A) Megahertz (MHz)
 - (B) Bits per second (Bps)
 - (C) Gigabytes (GB)
 - (D) Megabytes (MB)
87. Multiprogramming systems
- (A) Execute each job faster
 - (B) Are used only on large mainframe computers
 - (C) Execute more jobs in the same time period
 - (D) Are easier to develop
88. Algorithm and Flow chart help us to
- (A) Know the memory capacity
 - (B) Identify the base of a number system
 - (C) Direct the output to a printer
 - (D) Specify the problem completely and clearly
89. UNIVAC I is an example for
- (A) First generation
 - (B) Third generation
 - (C) Second generation
 - (D) Fourth Generation
90. Ubuntu is an example for
- (A) Operating system
 - (B) Programming language
 - (C) Library software
 - (D) None of these
91. Which type of computer do you use to operate large corporate systems and databases?
- (A) Desktop Computer
 - (B) Laptop
 - (C) Mainframe
 - (D) Personal Digital Assistant
92. Assembly Language
- (A) Is the easiest language to write programs
 - (B) Need not be translated into machine language
 - (C) Uses alphabetic codes in place of binary numbers used in machine language
 - (D) None of these

93. The computer can read but not change the information stored in
(A) ROM (B) RAM
(C) Cache (D) None of these
94. Linux was developed by
(A) Tim Berners-Lee (B) Linus Torvalds
(C) Seymour Cray (D) Jack Kilby
95. SOSIG is an example for
(A) Subject gateway (B) Institutional repository
(C) Library software (D) All of these
96. A Pixel is
(A) A computer program that draws picture
(B) A picture stored in secondary memory
(C) The smallest resolvable part of a picture
(D) None of these
97. Which number system is usually followed in a typical 32-bit computer?
(A) 2 (B) 10 (C) 16 (D) 32
98. Primary memory stores
(A) Data alone (B) Programs alone
(C) Results alone (D) All of these
99. A template is a:
(A) Structured specification (B) Recursive routine
(C) Assembler program (D) I/O measure
100. In the WWW, name the acronym that describes the Internet address of file:
(A) ULA (B) URI (C) RELUR (D) URL