

ENTRANCE EXAMINATION FOR ADMISSION, MAY 2012.

Ph.D. (LIBRARY AND INFORMATION SCIENCES)

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 of the 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. The only Indian Governor General was
 (A) C. Rajagopalachari (B) Pattabhi Sitaramayya
 (C) Rajendra Prasad (D) Sardar Vallabhai Patel
2. Which plan became the basis for Indian Independence?
 (A) Cripps plan (B) Wavell plan
 (C) Mountbatten plan (D) None of the above
3. Which part of Indian Constitution has been described as the soul of the constitution?
 (A) Fundamental Rights (B) Directive Principle of State Policy
 (C) The Preamble (D) Right to Constitutional Remedies
4. _____ is the Indian who attended all the Three Round Table Conferences
 (A) B. R. Ambedkar (B) Mahatma Gandhi
 (C) Mohammad Ali Jinnah (D) Tej Bahadur Sapru
5. Rabindranath Tagore relinquished his Nighthood as a measure of protest against
 (A) Partition of Bengal (B) Press Act of 1910
 (C) Jallianwala Bagh Massacre (D) Salt Laws
6. The first Prime minister of Bangladesh was
 (A) Sheikh Hasina (B) Tajuddin Ahmad
 (C) Azizur Rahman (D) Khaleda Zia
7. The longest river in the world is the
 (A) Ganges (B) Purus (C) Nile (D) Danube
8. The longest point to point national highway in the world is the
 (A) Katy freeway (B) Grand Southern Trunk
 (C) Karakoram (D) Trans-Canada
9. The largest lake in the world is
 (A) Caspian Sea (B) Superior (C) Victoria (D) Chilka
10. The highest mountain in the world is
 (A) K2 (B) Kangehenjunga
 (C) Mount Everest (D) Himalchuli

11. The 52nd amendment to the constitution of India deals with
 (A) Defection (B) Reservation
 (C) Election (D) Protection of Minorities
12. The Panchayati Raj was recommended by
 (A) The Government of India Act, 1935
 (B) The Cripps Mission of 1942
 (C) The Indian Independence Act, 1947
 (D) Balwantraji Mehta Committee Report, 1957
13. The President of India can nominate
 (A) 10 members to Rajya Sabha
 (B) 2 members to Rajya Sabha
 (C) 15 members to Rajya Sabha
 (D) 12 members to Rajya Sabha
14. UNO has fixed the target for "Education for All" till the year
 (A) 2012 (B) 2013 (C) 2014 (D) 2015
15. The subjects which both the Centre and State Governments can legislate are contained in
 (A) The Union List (B) The State List
 (C) The Concurrent List (D) Residuary List

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

16. Presently he is studying law
 (A) At present (B) At presently
 (C) In present (D) No improvement
17. Some children are slow on eating
 (A) slow with (B) slow in
 (C) slow at (D) no improvement
18. I have requested for an interview of the principal this evening
 (A) an interview by the principal (B) an interview with the principal
 (C) an interview from the principal (D) no improvement

19. With rising prices people find it difficult to make both the ends meet
 (A) the both ends (B) both their ends
 (C) both ends (D) no improvement
20. The population of Tokyo is greater than any town in India
 (A) any other town (B) of any town
 (C) that of any town (D) no improvement
21. He came in quietly so that not to wake the child
 (A) so as (B) as if
 (C) as for (D) no improvement
22. Can you tell me where does your uncle live?
 (A) where your uncle does live (B) where lives your uncle
 (C) where you uncle lives (D) no improvement
23. He claimed that he was senior than me
 (A) senior over (B) senior by
 (C) senior to (D) no improvement
24. This milk has got a funny taste – it can have gone sour
 (A) can go sour (B) had soured
 (C) may have gone sour (D) no improvement
25. All the newcomers enjoyed at the welcome party
 (A) enjoyed themselves at (B) enjoyed in
 (C) enjoyed thoroughly at (D) no improvement
26. Spearman's Rank Correlation is applied on the Data which is
 (A) Nominal (B) Ratio
 (C) Ranked (D) All of the above
27. What would be the median of the following observations : 25 35 45 55 65 75
 (A) 55 (B) 45 (C) 40 (D) 50
28. When the population under study is not well known or hard to find out by the researcher, then the suitable Sampling Technique will be
 (A) Random Sampling (B) Judgment Sampling
 (C) Snowball Sampling (D) Quota Sampling

29. Frequency Curve is
 (A) Frequency Polygon
 (B) Frequency Chart
 (C) Pie Chart
 (D) Smoothened Graph of frequency distribution
30. Tabulation of Data requires
 (A) Classification (B) Recording
 (C) Tally Sheet Preparation (D) All of the above
31. In the context of data collection, population means
 (A) All the Entities under study (B) Carefully selected few
 (C) Living Persons (D) All of the above
32. In a Study of 'Impact of Automation on Library Services', Automation is
 (A) Independent Variable (B) Dependent Variable
 (C) Unknown Variable (D) A constant
33. While Planning an observation, one should not keep in mind that
 (A) What should be recorded?
 (B) Tools and techniques need to be avoided in recording observation
 (C) How to ensure accuracy of observation
 (D) How the observation should be recorded
34. In observation method 'observer' needs to know
 (A) Purpose of the observation
 (B) Knowledge of tools and techniques used data collection
 (C) Level and extent of involvement
 (D) All of the above
35. In the Five-Point scale, which is not a weighted value
 (A) 0 (Zero) (B) 5 (Five) (C) 2 (Two) (D) 3 (Three)
36. Personal Interview refers to
 (A) Researcher and Respondents are on different places
 (B) Face-to-Face interaction between researcher and respondent
 (C) Researcher and Respondents interact with ICT tools
 (D) Researcher and Respondents interact over a mobile phone from a distance

37. In a CATI Interviewing technique which item not required
 (A) PC (B) Laptop (C) Network Connection (D) E-mail
38. Exploratory Research is based on the research design
 (A) Data collection method
 (B) Number of contacts made with the subjects
 (C) Nature of investigation
 (D) Reference Period
39. Review of literature can be made through
 (A) Research journals (B) Databases (subjects)
 (C) Technical Reports (D) All of the above
40. Alternative Hypothesis is proved to be
 (A) Partially wrong (B) Completely wrong
 (C) True (D) Partially true
41. Expansion of NISCAIR 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
42. Which is not a statistical inference technique?
 (A) Hypothesis Testing (B) Point Estimation
 (C) Interval Estimation (D) Management Information System
43. A Respondent is
 (A) A Paid Person (B) An informer of secret information
 (C) A provider of needed information (D) All of the above
44. The questions in a questionnaire are of
 (A) Open-ended (B) Closed-ended
 (C) Both (a) and (b) (D) None of the above
45. Experimental method can be applied
 (A) Inside the library (B) In Open field
 (C) In the laboratory (D) All of the above

46. The spiral of scientific method was formulated by
 (A) A. Neelameghan (B) J. H. Shera
 (C) B. C. Vickery (D) S. R. Ranganathan
47. Which of the following is not a part of Bibliographic references?
 (A) Author(s) name (B) Title
 (C) Source (D) Author Address
48. Action Research is applied in the following situations:
 (A) Study of habits
 (B) Study of Attitudes
 (C) Study of values
 (D) Improving a particular service in the library
49. The full form of SPSS is
 (A) Statistical Package for Systems Science
 (B) Statistical Package for Sociological Sciences
 (C) Systems Pack for Statistical Solutions
 (D) Statistical Package for Social Sciences
50. First step involved in research is
 (A) Collection of Data (B) Formulation of Hypothesis
 (C) Problem identification (D) Statement of the problem
51. The symbol (=) equals within parenthesis in UDC is used for
 (A) language common isolate (B) racial and ethnic group
 (C) common auxiliaries of form (D) common auxiliaries of time
52. 'Starvation Policy' is part of
 (A) UDC revision (B) DC revision
 (C) Relocation in DC (D) Extrapolation in CC
53. The International Meeting of Cataloguing Experts (IMCE) held at Copenhagen in
 (A) 1968 (B) 1969 (C) 1966 (D) 1967
54. How do you enter the name 'Thomas De Quincy' as per AACR-2R?
 (A) Quincy, De Thomas (B) De Quincy, Thomas
 (C) Thomas, Dc Quency (D) Thomas, Quency De

55. "A modern outline to library classification" was authored by
 (A) J.D. Brown (B) H.E. Bliss
 (C) Arthur Maltby (D) J. Mills
56. Who used the term 'thesaurus' first time in the context of information retrieval in a paper presented the Dorking Conference on Classification Research in 1957?
 (A) Helen Brovnsen (B) H.P. Luhn
 (C) Peter Mark Roget (D) Du Pond
57. The relationship between preferred and non-preferred terms, where two or more terms are regarded, for indexing purpose, as referring to the same concept
 (A) Associative Relationship (B) Preferred Relationship
 (C) Close Relationship (D) Equivalence Relationship
58. The principle which allows the use of an actual collection or holdings of a library or actual published work as the basis of or for developing a classification scheme or thesaurus is called
 (A) User Warrant (B) Literary Warrant
 (C) Vocabulary control (D) Authority control
59. 'Uniterm Indexing', the most popular method of post-coordinate indexing is developed by
 (A) H.P. Luhn (B) Martimer Taube
 (C) Derek Austin (D) G. Bhattacharyya
60. Ewart Bill is the first public library bill passed in 1850 in
 (A) England (B) USA (C) Australia (D) Canada
61. Who was the teacher of Dr. S.R. Ranganathan?
 (A) E.W. Hulme (B) W.C.B. Sayers
 (C) H.E. Bliss (D) E.C Richardson
62. The International Society for Knowledge Organization (ISKO) was founded in
 (A) 1998 (B) 1979 (C) 1969 (D) 1989
63. The first international conference on library user education was held at
 (A) France (B) India (C) Cambridge (D) Canada

64. Who produced the first encyclopaedia 'Historia Naturalis' in 77 AD?
 (A) Pierre Bayle (B) Pliny (C) Johann Heinrich (D) Denis Diderot
65. The Universal Availability of Publication (UAP) is a programme of
 (A) IFLA (B) ALA (C) UNESCO (D) FID
66. 'Information Today and Tomorrow' was the newsletter of
 (A) NISSAT (B) IASLIC (C) IATLIS (D) ILA
67. Who defined management as the art of getting things done through and with people in formally organized groups?
 (A) C.W. Wilson (B) Henry Fayol
 (C) L. Urwick (D) Harold Knootz
68. Who expounded the demand and supply theory of book selection?
 (A) S.R. Ranganathan (B) Drury
 (C) L.R. McColvin (D) Melvil Dewey
69. Who devised the scheme of pre-coordinate indexing system known as 'Relational Indexing'?
 (A) J.E.L. Farradne (B) G. Bhattacharyya
 (C) E.J. Coates (D) Martimer Taube
70. The 'Web of Science' a web-based integrated information system on providing citations based information service is launched by
 (A) Sliver Platter (B) Thomson Scientific
 (C) Institute for Scientific Information (D) Cambridge Scientific Abstract
71. The Farmington Plan is associated with
 (A) Library legislation (B) Library cooperation
 (C) Library Management (D) Documentation work
72. Who is the author of the book 'Towards a Paperless Information Society' published in 1978?
 (A) F.W. Lancaster (B) H.G. Gadamer
 (C) A.C. Foskett (D) F.G. Kilgour
73. Who among the following persons coined the term 'Informetrics'?
 (A) Eugene Garfield (B) Otto Nache
 (C) Leo Egghe (D) Ronald Rosseau

74. "Book For All" is the motto of
 (A) Library of Congress (B) The Library Association
 (C) UNESCO (D) ILA
75. National library of blind and Physically challenged is situated at
 (A) New Delhi (B) Dehradun
 (C) Bombay (D) Lucknow
76. A security device which is configured to permit, deny or proxy data connections set and configured by the organization's security policy
 (A) Firewall (B) Fire wire (C) Firefox (D) Fire bottle
77. A computer on the Internet running World Wide Web server process is termed as
 (A) website (B) web server (C) web browser (D) web master
78. The movement of data along a path that permits communication in only one predetermined direction is
 (A) Simplex transmission (B) Synchronous transmission
 (C) Full-duplex transmission (D) Parallel transmission
79. A software designed to perform tasks such as word processing, billing etc. is
 (A) System software (B) Application Program
 (C) Assembler program (D) Utility program
80. A process known as _____ is used by large retailers to study trends
 (A) Data selection (B) POS
 (C) Data mining (D) Data conversion
81. The ability to recover and read deleted or damaged files from a criminal's computer is an
 (A) robotics (B) computer forensics
 (C) simulation (D) animation
82. Technology no longer protected by copyright, available to everyone, is considered to be
 (A) proprietary (B) open
 (C) experimental (D) in the public domain

83. Which of the following is an example of an input device?
 (A) Printer (B) Speaker (C) CD (D) Scanner
84. _____ is a set of computer programs used on a computer to help perform tasks.
 (A) A processor (B) Memory
 (C) Software (D) An instruction
85. The difference between people with access to computers and the Internet and those without this access is known as the
 (A) Broadband divide (B) Web divide
 (C) Internet divide (D) Digital divide
86. A byte can hold one _____ of data.
 (A) kilobyte (B) character (C) binary digit (D) bit
87. _____ are specially designed computer chips that reside inside other devices, such as your car or your electronic thermostat.
 (A) Servers (B) Mainframes
 (C) Embedded computers (D) Robotic computers
88. Servers are computers that provide resources to other computers connected to a
 (A) Client (B) Supercomputer (C) Mainframe (D) Network
89. Which of the following is most uncommon?
 (A) Unencrypted wireless networks
 (B) A wireless network that runs off a dial-up connection
 (C) Wired networks with printers
 (D) Routers with firewalls
90. A distributed network configuration in which all data/information pass through a central computer is
 (A) bus network (B) ring network
 (C) star network (D) point-to-point network
91. The communication mode that supports two-way traffic but only one direction at a time is
 (A) simplex (B) half duplex (C) duplex (D) multiplex

92. _____ is the science that attempts to produce machines that display the same type of intelligence that humans do.
- (A) Nanoscience (B) Nanotechnology
(C) Simulation (D) Artificial intelligence (AI)
93. Computers use the _____ language to process data.
- (A) processing (B) kilobyte
(C) binary (D) representational
94. A string of eight 0s and 1s is called a
- (A) Megabyte (B) Byte (C) kilobyte (D) gigabyte
95. _____ are specially designed computers that perform complex calculations extremely rapidly.
- (A) Servers (B) Supercomputers
(C) Laptops (D) Mainframes
96. The letters DOS stand for:
- (A) Data Out System (B) Disk Operating System
(C) Disk Out System (D) Data Operating System
97. 'JPG' extension refers usually to what kind of file?
- (A) System file (B) Animation/movie file
(C) MS Encarta document (D) Image file
98. A device that operated on data in the form of continuously variable physical quantities is
- (A) Analog computer (B) Digital computer
(C) Hybrid Computer (D) None of these
99. In computer science value of K is equal to
- (A) 1000 (B) 1024 (C) 1124 (D) 1042
100. A collection of related records treated as unit is known as
- (A) File (B) Database (C) Record (D) Field