

Booklet Serial No.

12073

DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

QUESTION BOOKLET

SERIES : I

**Subjects : General English, General Knowledge and
Library Science/Management**

Full Marks : 300

Time Allowed : 2½ Hours

Read the following instructions carefully before you begin to answer the questions.

INSTRUCTIONS TO CANDIDATES

1. This Booklet contains 150 questions to be answered in a separate OMR Answer Sheet using Black Ballpoint Pen in the following three Parts :

Part—A : General English	: 25 questions
Part—B : General Knowledge	: 25 questions
Part—C : Library Science/Management	: 100 questions

2. All questions are compulsory.
3. You will be supplied the Answer Sheet separately by the Invigilator. You must complete the details of particulars asked for.
4. Answer must be shown by completely blackening the corresponding circle in the Answer Sheet against the relevant question number by Black Ballpoint Pen. OMR Answer Sheet without marking Series shall not be evaluated.

Example :

Suppose the following question is asked :

The Capital of Meghalaya is

- (A) Guwahati
- (B) Kohima
- (C) Shillong
- (D) Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below :

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative (C), i.e., Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ballpoint Pen only as below :

(A) (B) (C) (D)

The example shown above is the only correct method of answering.

5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
6. There will NOT be any negative marking for wrong answers.
7. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
8. No Rough Work is to be done on the Answer Sheet. Space for Rough Work has been provided in the Question Booklet.

SEAL

PART—A : GENERAL ENGLISH

(Marks : 50)

Each question carries 2 marks

Directions : Choose the correct answer from the options given below to fill in the blank.

1. The Managers' _____ handling of the mass layoffs prevented panic in the company.
(A) discrete
(B) deceit
(C) discreet
(D) deceive
2. The teacher refused to _____ to the Principal's demand to increase students' grades.
(A) proceed
(B) exceed
(C) concede
(D) accede
3. Her rapid _____ to the position of President of the company was driven by her innovative ideas and hard work.
(A) assent
(B) assess
(C) accent
(D) ascent

4. She was so _____ that she immediately agreed to change her plans to accommodate her friends' wishes.
(A) complacent
(B) complement
(C) complaisant
(D) compliment
5. He ignored his father's wise _____, a decision that he soon came to regret deeply.
(A) council
(B) concede
(C) counsel
(D) conceit

Directions : In these questions, choose the word nearest in meaning to the underlined part of the sentences.

6. She adjured him to tell the truth.
(A) Forced
(B) Dissuaded
(C) Entreated
(D) Forbade

7. The prisoners lived in abject fear of the guards.

- (A) Severe
- (B) Defiant
- (C) Insolent
- (D) Deficient

8. The candidate received a tepid response from the people of the constituency.

- (A) Adamant
- (B) Animated
- (C) Lukewarm
- (D) Bewildered

9. The candid old man always wore mismatched socks and refused to explain why.

- (A) Insane
- (B) Ravenous
- (C) Truthful
- (D) Evasive

10. She spent years in a tempestuous relationship with him before she left.

- (A) Amorous
- (B) Volatile
- (C) Platonic
- (D) Clandestine

Directions : In these questions, choose the correct option to fill in the blank(s) with the correct articles.

11. She was elected _____ President of the Student Council in her final year.

- (A) a
- (B) an
- (C) the
- (D) No article

12. She was sent to _____ prison for _____ crime she didn't commit, but later became _____ arbitrator.

- (A) the / a / an
- (B) No article / a / an
- (C) No article / the / a
- (D) the / No article / a

13. I went to _____ hospital to visit my uncle, but I forgot to bring _____ flowers.

- (A) the / No article
- (B) No article / the
- (C) the / the
- (D) a / a

14. _____ patience is _____ virtue, but in _____ modern world, it is increasingly rare.

- (A) The / a / No article
- (B) No article / a / the
- (C) No article / No article / the
- (D) A / the / a

15. He plays _____ guitar in _____ band that performs every Friday at _____ same café.

- (A) a / No article / No article
- (B) No article / a / a
- (C) the / the / the
- (D) the / a / the

Directions : Choose the correct option from those given below to fill in the blank(s).

16. _____ earlier, we could have seen the sunrise from the viewpoint.

- (A) Had we left
- (B) If we left
- (C) Were we to leave
- (D) Would we have left

17. If they hadn't been driving so fast, they _____ about the beautiful scenery right now.

- (A) would be commenting
- (B) would have commented
- (C) would comment
- (D) will be commenting

18. _____ she _____ to miss the application deadline tomorrow, her scholarship _____ already been awarded to someone else.

- (A) Had / been / would be
- (B) Were / No word required / would have
- (C) Would / miss / will have
- (D) If / misses / had

19. If the ancient Greeks _____ not developed _____ geometry, _____ modern architecture _____ fundamentally different today.

- (A) had / would be
- (B) did / will be
- (C) have / would have been
- (D) would have / is

20. I _____ a millionaire by now if I _____ that cryptocurrency when it first came out.

- (A) would be / had bought
- (B) would have been / bought
- (C) would be / bought
- (D) would have been / had bought

Directions : Choose the correct option from those given below to fill in the blanks.

21. I _____ that movie twice already, but I _____ it again last night with my roommate.

- (A) have seen / watched
- (B) saw / have watched
- (C) have seen / have watched
- (D) saw / watched

22. A : "Do you want some coffee?"

B : "No thanks, I _____ just _____ a cup."

- (A) did / have
- (B) have / had
- (C) had / had
- (D) was / having

23. This is the most terrifying experience I _____ ever _____.

- (A) did / have
- (B) have / had
- (C) had / had
- (D) was / having

24. They _____ the package on Friday, but it _____ yet.

- (A) have sent / hasn't arrived
- (B) sent / hasn't arrived
- (C) have sent / didn't arrive
- (D) sent / didn't arrive

25. Shakespeare _____ over 150 sonnets, and his work _____ translated into more than 100 languages to date.

- (A) wrote / has been
- (B) has written / was
- (C) wrote / was
- (D) has written / has been

PART—B : GENERAL KNOWLEDGE

(Marks : 50)

Each question carries 2 marks

26. The UN Day is celebrated every year on
(A) 24th September
(B) 28th September
(C) 24th October
(D) 28th October
27. Which is the largest district in Meghalaya by area?
(A) East Khasi Hills
(B) Ri-Bhoi
(C) South Garo Hills
(D) West Khasi Hills
28. Which indigenous textile from Meghalaya received the Geographical Indication (GI) tag in April 2005?
(A) Eri silk
(B) Ryndia
(C) Muga silk
(D) Pashmina
29. 'Vande Mataram' was published in
(A) *Anandamath*
(B) *Kesari*
(C) *Gitanjali*
(D) *Harijan*
30. Who is called the 'Father of the Indian Civil Service'?
(A) Lord Hardinge
(B) Lord Cornwallis
(C) Warren Hastings
(D) Lord Dalhousie
31. The Economic Survey of India is published by the
(A) Planning Commission
(B) Government of India
(C) Indian Statistical Institute
(D) Ministry of Finance
32. The President of Indian National Congress at the time of the Partition of India was
(A) C. Rajagopalachari
(B) Jawaharlal Nehru
(C) J. B. Kripalani
(D) Maulana Abul Kalam Azad
33. Who among the following is considered as the Father of Artificial Intelligence?
(A) Charles Babbage
(B) Lee de Forest
(C) John McCarthy
(D) J. P. Eckert

34. Who authored the book, *The Dark Side of Gandhi*?
- (A) John Kirkland
(B) Hari Pada Roychoudhury
(C) Thomas Wilson
(D) Simon Digby
35. Which is the highest body that approves Five-Year Plans in the country?
- (A) The Planning Commission
(B) The Union Cabinet
(C) The Parliament
(D) The National Development Council
36. Who authored the book, *Hind Swaraj*?
- (A) Subhas Chandra Bose
(B) Mahatma Gandhi
(C) Motilal Nehru
(D) Khudiram Bose
37. Who composed the famous song, "Sare Jahan Se Achchha"?
- (A) Jaidev
(B) Rabindranath Tagore
(C) Bankim Chandra Chattopadhyay
(D) Muhammad Iqbal
38. The celebrated mural paintings of the Ajanta Caves reached their highest development under which dynasty?
- (A) Chalukya
(B) Pandya
(C) Vakataka
(D) Rashtrakuta
39. The green planet in the solar system is
- (A) Mars
(B) Uranus
(C) Venus
(D) Earth
40. Who is the present Chief Electoral Officer of Meghalaya?
- (A) Dr. B. D. R. Tiwari
(B) Gyanesh Kumar
(C) Anurag Goel
(D) Shri Prabhakar
41. The ratio of width of our National Flag to its length is
- (A) 2 : 4
(B) 3 : 4
(C) 2 : 3
(D) 3 : 5

42. Red Panda is a State animal of which of the following States?
- Mizoram
 - Arunachal Pradesh
 - Meghalaya
 - Sikkim
43. Which Ministry implements the VB-G RAM G Act, 2025 in India?
- NITI Aayog
 - Rural Development
 - Finance
 - Labour
44. The Bishnoi Movement was led by
- Sunderlal Bahuguna
 - Vandana Shiva
 - Rajendra Singh
 - Amrita Devi
45. The Rashtrapati Bhavan was designed by
- Edward Stone
 - Edwin Lutyens
 - Le Corbusier
 - Tarun Dutt
46. 'Soft power' as a concept was coined by
- Henry Kissinger
 - Joseph Nye Jr.
 - Karl Marx
 - Woodrow Wilson
47. The basic structure doctrine was propounded by the Supreme Court in
- Kesavananda Bharati Case, 1973
 - Golaknath Case, 1967
 - Minerva Mills Case, 1980
 - S. R. Bommai Case, 1994
48. The Indus Valley Civilization site 'Lothal' is famous for
- the Great Bath
 - the Dockyard
 - the Granary
 - the Fire altars
49. Bank deposits that can be withdrawn without notice are called
- account payee deposits
 - fixed deposits
 - variable deposits
 - demand deposits
50. Which one of the following forms the largest share of deficit in the Government of India budget?
- Primary deficit
 - Revenue deficit
 - Fiscal deficit
 - Budgetary deficit

PART—C : LIBRARY SCIENCE/MANAGEMENT

(Marks : 200)

Each question carries 2 marks

51. Which among the following libraries in India is the oldest?

- (A) Asiatic Society Library, Bombay
- (B) Connemara Public Library, Madras
- (C) Delhi Public Library, Delhi
- (D) National Library of India, Calcutta

52. Cow-calf, whole organ, act-and-action-actor-tool are the three principles of facet sequence. Which one is the fourth principle?

- (A) Principle of osmosis
- (B) Principle of parsimony
- (C) Wall-picture principle
- (D) Principle of PMEST

53. Which of the following cases requires the application of a new ISSN?

- (A) Change in publication medium and title
- (B) Change in publisher
- (C) Change in location of publication
- (D) Change in editorial policy

54. Which of the following is **not** Zak's type of knowledge?

- (A) Declarative knowledge
- (B) Procedural knowledge
- (C) Causal knowledge
- (D) Tacit knowledge

55. The first centre to use computer in the library and information activities in India is

- (A) DESIDOC
- (B) INSDOC
- (C) DRTC
- (D) UGC

56. Which of the following is **not** a part of the Knowledge Management Framework?

- (A) Share knowledge
- (B) Create knowledge
- (C) Develop knowledge
- (D) Capture knowledge

57. 'Fair use' is the norm for determining the legality of

- (A) producing the second edition of a book
- (B) photocopying an entire book
- (C) making available a book to another library on inter-library loan
- (D) prescribing a book as a textbook

58. Which of the following is an example of open-source Library Management Software (LMS)?
- (A) Libsys (B) Koha
(C) SOUL (D) Virtua
59. The physical condition of the books should be properly maintained. This is known as
- (A) collation
(B) shelf arrangement
(C) conservation
(D) organization
60. The Head Office of IASLIC is located at
- (A) Kolkata
(B) Delhi
(C) Mumbai
(D) Chennai
61. Three great achievements in USA were noticed, i.e., enunciation of DDC scheme, formation of American Library Association and the publication of 1st Journal of the librarianship in the year
- (A) 1857 (B) 1859
(C) 1876 (D) 1901
62. Books lost from the library are known through
- (A) stock verification
(B) charging and discharging
(C) shelf list
(D) accession register
63. LA is the library association of
- (A) Los Angeles
(B) Laos
(C) Great Britain
(D) Canada
64. Which of the following is **not** a file-hosting service?
- (A) MS OneDrive
(B) Dropbox
(C) Google Drive
(D) Xbox Live
65. Library cess is one of the sources of finance for which type of library?
- (A) University Library
(B) Public Library
(C) College Library
(D) Special Library
66. User education may be provided in four interrelated areas which are
- (A) user's awareness, user studies, library orientation and bibliographic instruction
(B) user's awareness, library orientation, inter-profiling and bibliographic instruction
(C) aptitude test of the users, use of cataloguing, inter-profiling and user's awareness
(D) bibliographic instruction, library orientation, computer literacy and user's awareness

67. 'Anukriti' is an
- (A) Indian abstracting website
 - (B) Indian bibliographic website
 - (C) Indian indexing website
 - (D) Indian translation website
68. Generally a reference service of a library in the conventional form is processed through which of the following stages?
- (A) Preparation, service, assimilation
 - (B) Indexing, orientation, delivery of the query's reply
 - (C) Orientation, user's study, photocopy supplied
 - (D) Preparation, orientation, delivery of the query's reply
69. The Common Communication Format was developed by
- (A) IFLA
 - (B) UNESCO
 - (C) Library of Congress
 - (D) FID
70. IPR stands for
- (A) Indian Press Registration
 - (B) Intellectual Property Rights
 - (C) International Property Rights
 - (D) Indian Property Regulations
71. On which of the following technologies is semantic web **not** based?
- (A) RDF
 - (B) Ontologies
 - (C) Cloud seeding
 - (D) URL
72. The concept of Artificial Intelligence (AI) belongs to
- (A) Second Generation Computers
 - (B) Third Generation Computers
 - (C) Fourth Generation Computers
 - (D) Fifth Generation Computers
73. Which is an important record of books that shows the position of any book on the shelves?
- (A) Accession List
 - (B) Authority File
 - (C) Shelf List
 - (D) Bay Guide
74. Which scheme of Library Classification was invented by C. A. Cutter?
- (A) Expansive Classification (1891)
 - (B) UDC (1905)
 - (C) CC (1933)
 - (D) LCC (1904)

75. What is a bug?
- (A) Computer virus
 - (B) Error in computer configuration
 - (C) Error in a program
 - (D) None of the above
76. Who propounded 'APUPA' books arrangement system in the library?
- (A) Margaret Mann
 - (B) Krishan Kumar
 - (C) B. C. Vickery
 - (D) S. R. Ranganathan
77. NICNET and INDONET are the networks of which category?
- (A) WAN
 - (B) MAN
 - (C) LAN
 - (D) IN
78. Which of the following softwares is useful for Word Processing?
- (A) DBASE
 - (B) LIBSYS
 - (C) WordStar
 - (D) CDS/ISIS
79. What was the theme of IFLA World Library and Information Congress, 2017?
- (A) Libraries, Citizens, Societies : Confluence for Knowledge
 - (B) Connections. Collaboration. Community
 - (C) Dynamic Libraries : Access, Development and Transformation
 - (D) Libraries. Solidarity. Society
80. Who among the following tried to differentiate between information and knowledge in the context to information theory?
- (A) Shannon
 - (B) Brookes
 - (C) Yovits
 - (D) Weaver
81. Which of the following is **not** a programming language?
- (A) FORTRAN
 - (B) BASIC
 - (C) COBOL
 - (D) ASCII
82. ISO-9960 is related with
- (A) Standard for Encoding data on CD-ROM
 - (B) Standard for Computer Hardware
 - (C) Standard for Information Processing
 - (D) Standard for Networking

83. ASCII has how many codes?

- (A) 265
- (B) 526
- (C) 256
- (D) 254

84. Raw, unevaluated, unprocessed and unorganized facts are known as

- (A) wisdom
- (B) information
- (C) knowledge
- (D) data

85. Resource sharing is a part of

- (A) library cooperation
- (B) library administration
- (C) library management
- (D) library cataloguing

86. Which of the following is a Library Management Software?

- (A) EPrints
- (B) LibSys
- (C) Joomla
- (D) Drupal

87. The subject 'Research Methodology' has been formed by which of the following modes?

- (A) Fusion
- (B) Fission
- (C) Loose Assemblage
- (D) Distillation

88. The CD alphabets in CDS/ISIS stand for

- (A) Computerized Documentation
- (B) Condensed Disk
- (C) Confirmed Disc
- (D) Compact Disc

89. Which electronic telecommunication system joins millions of computers together?

- (A) E-mail
- (B) Internet
- (C) US Mail
- (D) UPS

90. Which of the following is **not** a social bookmarking site?

- (A) Digg
- (B) Delicious
- (C) Squidoo
- (D) Facebook

91. The Head Office of IFLA is located at

- (A) Canada
- (B) London
- (C) The Hague
- (D) Paris

92. LOCKOSS (software) is an international community initiative by

- (A) MIT Libraries
- (B) Stanford University
- (C) University of Waikato
- (D) University of Southampton

93. Identify the odd one from the following.

- (A) Koha
- (B) VTLS
- (C) SLIM++
- (D) SOUL

94. Which of the following is **not** a Web 2.0 tool?

- (A) Blog
- (B) Facebook
- (C) UGC-INFONET 2.0
- (D) RSS feeds

95. In which year was the Delivery of Books Act passed in India?

- (A) 1954
- (B) 1955
- (C) 1956
- (D) 1957

96. Which type of protocol is used by interface for Public Data Network (PDN)?

- (A) X.12
- (B) X.25
- (C) X.13
- (D) X.20

97. In which Five-Year Plan was the INFLIBNET established?

- (A) Fourth Five-Year Plan
- (B) Fifth Five-Year Plan
- (C) Sixth Five-Year Plan
- (D) Seventh Five-Year Plan

98. Lotka's law deals with

- (A) growth of articles in journals
- (B) scattering of articles over different journals
- (C) frequency of occurrence of words in a text
- (D) productivity of authors in terms of scientific papers

99. Which one is a full-text e-resource?

- (A) JCCC
- (B) ACS
- (C) Science finder scholar
- (D) ISID

100. Delphi method is related with

- (A) Mathematics
- (B) Palmistry
- (C) Astronomy
- (D) Forecasting trends

101. Who coined the term 'Information Retrieval'?

- (A) Calvin Mooers
- (B) Margaret Mann
- (C) J. D. Brown
- (D) Paul Otlet

102. Entropy is a measure of

- (A) degree of relevance of information
- (B) quantity of irrelevant information
- (C) degree of uncertainty of information
- (D) degree of certainty of information

103. *The Electronic Library* is the title of

- (A) a magazine
- (B) a journal
- (C) a library
- (D) an encyclopaedia

104. The National Knowledge Commission was launched under the chairmanship of

- (A) Nandan Nilekani
- (B) Ashok Ganguli
- (C) Sam Pitroda
- (D) Deepak Nayar

105. What is APS?

- (A) A search engine
- (B) A full-text e-resource
- (C) A bibliographic database
- (D) A library management software

106. Which one of the following is a Library and Information Science Journal?

- (A) Reference Reviews incorporating ASLIB Book Guide
- (B) Reference Reviews incorporating ASLIB Book Journals
- (C) Reference Reviews incorporating ASLIB Book Review
- (D) Reference Reviews incorporating ASLIB E-book

107. The Library of Congress Classification system divides human knowledge into

- (A) 20 major classes
- (B) 21 major classes
- (C) 22 major classes
- (D) 23 major classes

108. Who categorized information source into conventional, non-conventional, neo-conventional and meta-documents?

- (A) Hanson
- (B) Bradford
- (C) Grogan
- (D) Ranganathan

109. Semantic differential scale is concerned with

- (A) pool of items
- (B) selection from two opposite positions
- (C) selection from a checklist
- (D) five-point scale

110. Zipf's law deals with the

- (A) scattering of articles in a subject
- (B) productivity of authors in terms of scientific papers
- (C) frequency of occurrence of words in a text
- (D) law of book selection

111. Which of the following models is **not** based on the analysis of the subject?

- (A) Citation indexing
- (B) PRECIS
- (C) Chain indexing
- (D) Uniterm indexing

112. What is the third part of colon classification?

- (A) Classic and sacred books
- (B) Index
- (C) Schedules
- (D) Rules

113. 'Segmentation' is associated with

- (A) reference service
- (B) market survey report
- (C) awareness service
- (D) indexing service

114. What is the name of the committee responsible for Indian Standards related to libraries?

- (A) MSD 5
- (B) TC 46
- (C) BIS-LIB
- (D) Z 39

115. Canon of sought heading relates to

- (A) classification
- (B) cataloguing
- (C) documentation
- (D) indexing

116. Which of the following recommended 6.5% of the total budget of a university to be spent on its library?

- (A) Sinha Committee
- (B) Radhakrishnan Commission
- (C) Ranganathan Committee
- (D) Kothari Commission

117. Which one is E-Bibliographic database?

- (A) Nature
- (B) Blackwell
- (C) ISID
- (D) Springer

118. Which organization in India is known for classification research?

- (A) DRTC
- (B) IASLIC
- (C) ILA
- (D) INSDOC

119. Who is responsible for the development and maintenance of UGC official website?

- (A) NIC
- (B) INFLIBNET
- (C) DoE
- (D) MHRD

120. When there is a relation between two isolates of the facet belonging to the same subject, it is

- (A) Inter-facet
- (B) Intra-array
- (C) Inter-subject
- (D) Intra-facet

121. Placing closely related books in close proximity is called

- (A) agglomeration
- (B) lamination
- (C) dissection
- (D) denudation

122. What is the process of helping employees in an organization acquire new skills and competence on a continuing basis?

- (A) Management Information System
- (B) Human Resources Development
- (C) Total Quality Management
- (D) Financial Resources Development

123. The strategy for the acquisition, utilization, improvement and retention of an enterprise's human resources is known as

- (A) planning
- (B) specification
- (C) identification
- (D) training

124. What is the full form of INIS?

- (A) Indian Indexing System
- (B) International Nuclear Information System
- (C) International Network for Information Science
- (D) Information Network Integration System

125. What is empirical research?

- (A) An evidence-based study
- (B) A type of fundamental research
- (C) An applied research
- (D) An experimental research

126. 'World Book and Copyright Day' is celebrated on

- (A) 22nd August
- (B) 23rd April
- (C) 23rd March
- (D) 20th June

127. EZproxy is a product of

- (A) OCLC
- (B) UTLAS
- (C) Library of Congress
- (D) RLIN

128. The term 'librametrics' was formally introduced in 1948 by

- (A) Sayers
- (B) Coates
- (C) Ranganathan
- (D) Foskette

129. A key trend in modern library management is

- (A) manual cataloging
- (B) digital transformation
- (C) paper-based circulation
- (D) limited access

130. Which of the following connecting symbols is **not** used in CC?

- (A) Colon (:))
- (B) Comma (,)
- (C) Arrow (→)
- (D) Dot (·)

131. Boolean logic was propounded by

- (A) Bradford
- (B) Boole
- (C) Buckland
- (D) Vickery

132. Which association started a project on UNIMARC?

- (A) IFLA
- (B) ALA
- (C) UNESCO
- (D) ILA

133. Classification Research Group (CRG) was established in

- (A) France, 1961
- (B) USA, 1958
- (C) London, UK, 1952
- (D) Netherlands, 1954

134. Who defined notation as shorthand sign?

- (A) S. C. Bradford
- (B) E. C. Richardson
- (C) Melvil Dewey
- (D) Abraham Maslow

135. In scientific research, what does Zenith mark in the spiral?

- (A) Fundamental laws
- (B) Empirical laws
- (C) Deductive laws
- (D) Inductive laws

- 136.** What are the three types of basic languages used in computer programming?
- (A) Zero, low and high levels
 - (B) COBOL, BASIC and PROLOG
 - (C) FORTRAN, PL/I and SNOWBOL
 - (D) Machine, Assembly and high-level languages
- 137.** The method of residue is used to find out which of the following facets?
- (A) Personality facet
 - (B) Matter facet
 - (C) Energy facet
 - (D) Time facet
- 138.** In which of the following, the term 'Truncation' is used?
- (A) Budgeting
 - (B) Search formulation
 - (C) Coordination
 - (D) Classified bibliography
- 139.** In which year was *The Five Laws of Library Science* first published as a book?
- (A) 1928
 - (B) 1930
 - (C) 1931
 - (D) 1933
- 140.** Which of the following is **not** a network protocol?
- (A) HTTP
 - (B) SMTP
 - (C) TCP/IP
 - (D) Z39.50
- 141.** What does OPAC stand for?
- (A) Online Public Access Catalogue
 - (B) Open Public Access Catalogue
 - (C) Online Publishing Access Code
 - (D) Open Patron Access Catalogue
- 142.** "To make at least one in every household e-literate" is thrust area of policy (#7) included in the
- (A) National Knowledge Commission, 2005
 - (B) National Policy on Information Technology, 2012
 - (C) National Education Policy, 1992
 - (D) National Policy on Library and Information Systems, 1986
- 143.** Which layer of the Knowledge Management System creates a competitive edge for the learning organization?
- (A) Knowledge-enabling application
 - (B) Middleware
 - (C) Collaborative intelligence filtering
 - (D) Authorized access

144. What is the fundamental purpose of a library catalogue?

- (A) To preserve rare books
- (B) To assist in library housekeeping (circulation)
- (C) To generate library statistics
- (D) To enable a person to find a book of which the author, title, or subject is known

145. 'Path-Goal Theory of Leader Effectiveness' was developed by

(A) Abraham Maslow

(B) William Ouchi

(C) Robert House

(D) Douglas McGregor

146. Ambra, an innovative open source platform (for publishing open access resource articles), was developed by

(A) PLOS

(B) WDL

(C) DOAJ

(D) OCLC

147. Who is the author of *Essays of an Information Scientist*?

(A) F. W. Lancaster

(B) B. C. Vickery

(C) Derek J. de Solla Price

(D) Eugene Garfield

148. Who criticized the concept of main entry as 'a relic of outdated technology'?

(A) Michael Gorman

(B) Tom Delsey

(C) Pat Oddy

(D) Robert L. Maxwell

149. VuFind is the tool used for

(A) Institutional Repository

(B) Library Resource Discovery System

(C) Digital Library System

(D) Library Automation

150. Who coined the term 'Knowledge Economy'?

(A) N. J. Belkin

(B) B. C. Brookes

(C) Fritz Machlup

(D) B. C. Vickery