MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF ASSISTANT LIBRARIAN UNDER ART & CULTURE DEPARTMENT
MARCH, 2013

LIBRARY & INFORMATION SCIENCE

PAPER - III
INFORMATION TECHNOLOGY & APTITUDE TEST

Time Allowed : 3 hours   Full Marks : 200

All questions carry equal marks of 1 each.

Attempt all questions.

1. IT stands for:
  (a) Internet Technology   (b) Information Technology
  (c) Information Transfer   (d) Internet Topology

2. SOUL is developed by:
  (a) DELNET   (b) Lybsis
  (c) INFLIBNET   (d) NICNET

3. SOUL 2.0 was released in:
  (a) 2008   (b) 2009
  (c) 2010   (d) 2011

4. Google is a:
  (a) E-mail   (b) Network
  (c) Search engine   (d) Internet

5. Which of the following is an output device?
  (a) Mouse   (b) Printer
  (c) Keyboard   (d) All of these

6. A set of rules that govern overall data communications system is popularly known as:
  (a) Protocol   (b) Intranet
  (c) Browser   (d) Telecommunication

7. Which of the following facet is related to UGC?
  (a) DELNET   (b) MALIBNET
  (c) NICNET   (d) INFLIBNET

8. Transistors were used in which generation of computers?
  (a) First generation   (b) Third generation
  (c) Second generation   (d) None of these

9. What is Dublin Core?
  (a) Metadata standard   (b) Internet language
  (c) Library association   (d) Library

10. Computer memory is measured in:

    (a) Memory   (b) GB

    (c) Bytes   (d) RAM

11. Calculating machine is developed by:

    (a) Pascal   (b) Citizen

    (c) Casio   (d) Canon

12. What is e-print?

    (a) A repository software   (b) Name of journal

    (c) Web site   (d) Printer

13. "Shodhganga" is a national level repository for:

    (a) E-journals   (b) Library books

    (c) E-thesis   (d) Publishers

14. Computer is a/an

    (a) Mechanical device   (b) Electrical device

    (c) Electronic device   (d) All of these

15. What comand do you use to remove files from the disk?

    (a) Copy files   (b) Move files

    (c) Delete files   (d) Close files

16. Another word that means to quit the program is

    (a) Out   (b) Escape

    (c) Exit   (d) Cancel

17. Which of the following is the fastest printer?

    (a) Laser   (b) Ink Jet

    (c) Dot-matrix   (d) Plotter

18. Operating system is a/an

    (a) Application software   (b) System software

    (c) Language   (d) Hardware

19. A computer's main memory is called

    (a) RAM   (b) Database

    (c) Computer memory   (d) ROM

20. To see the document before the printout is taken, use _____

    (a) Insert table   (b) Paste

    (c) Cut   (d) Print preview

21. Which of the following words is not related to Internet?

    (a) Link   (b) Function Key

    (c) Browser   (d) Search Engine

22. Which of the following is hardware but not a software?

    (a) Excel   (b) Printer-driver

    (c) Power Point   (d) Mouse

23. Where is newly-received e-mail stored?

    (a) Website   (b) Address box

    (c) Inbox   (d) Settings

24. To prepare a presentation/slide show which application is commonly used?

    (a) Photoshop   (b) Power Point

    (c) Excel   (d) Internet Explorer

25. Junk e-mail is also called

    (a) spam   (b) spoof

    (c) spool   (d) sniffer script

26. What is an e-mail attachment?

    (a) A receipt sent by the recipient

    (b) A separate documant from another program sent along with an e-mail message

    (c) A malicious parasite that feeds off of your messages and destroys the content

    (d) None of these

27. The primary purpose of software is to turn data into

    (a) Web sites   (b) Information

    (c) Programs   (d) Objects

28. Back up of the data files will help to prevent

    (a) Loss of confidentiality   (b) Duplication of data

    (c) Virus infection   (d) Loss of data

29. Which of the part of computer system that can be physically touch?

    (a) Data   (b) Operating system

    (c) Hardware   (d) Sostware

30. Computers that are portable and convenient for users who travel are known as

    (a) Supercomputers   (b) Laptops

    (c) Minicomputers   (d) File servers

31. DOS is

    (a) Single user operating system   (b) Multi user OS

    (c) Multithread OS   (d) None of these

32. When a computer suddenly stops working, it is said to be

    (a) Crashed   (b) Bugged

    (c) Hanged   (d) Held up

33. The design of the network is called the network

    (a) Transmission   (b) Type

    (c) Architechture   (d) Server

34. Verification of a login name and password is known as

    (a) Configuration   (b) Accessibility

    (c) Authentication   (d) Logging in

35. E-mail stands for

    (a) Excess mail   (b) Eductional mail

    (c) Entertainment mail   (d) Electronic mail

36. Something which has easily understood instructions is said to be
    (a) Information
    (b) Word processing
    (c) User friendly
    (d) Icon

37. What are the devices used to transmit data over telecommunications lines?
    (a) Drives
    (b) Input
    (c) Modems
    (d) Platforms

38. A word in a webpage that, when clicked, opens another document is called
    (a) Anchor
    (b) Hyperlink
    (c) Reference
    (d) URL

39. Data going into a computer is called _____
    (a) Output
    (b) Algorithm
    (c) Input
    (d) Calculations

40. Which type of switching system is telephone network?
    (a) Circuit switching
    (b) Packet switching
    (c) Message switching
    (d) None of these

41. Virus is a software which can_____
    (a) Manipulate data
    (b) Replicate itself
    (c) Damage computer
    (d) All of these

42. LIS-Forum is a
    (a) Monthly newsletter
    (b) CD-ROM database
    (c) E-mail based discussion forum in LIS
    (d) Public interaction forum

43. Which one of the followings is not a library network?
    (a) INFLIBNET
    (b) DELNET
    (c) MALIBNET
    (d) NICNET

44. What is the full form of RFID?
    (a) Radio Frequency Identification
    (b) Radio Frequency Identification Digit
    (c) Radio Frequency Information Documentation
    (d) Radio Frequency Information Development

45. Z39.50 is related to
    (a) Library classification
    (b) Internet services
    (c) Bibliographical information
    (d) None of these

46. The process of trading goods over the Internet is known as:
    (a) e-trading
    (b) e-finance
    (c) e-salesmanship
    (d) e-commerce

47. If you change Windows 98 to Windows XP, you are actually performing
    (a) Upstart
    (b) Upgrade
    (c) Update
    (d) Patch

48. An educational institution would generally have the following in its domain name as:
    (a) .edu
    (b) .sch
    (c) .inst
    (d) .org

49. Which of the following is not a term petaining to the Internet?

    (a) Link   (b) Browser

    (c) Search engine   (d) Keyboard

50. CD and DVD drives are examples of _____

    (a) Coding media   (b) Zip drives

    (c) Storage devices   (d) Printers

51. The term 'Automation' was derived from ____

    (a) Latin   (b) Greek

    (c) French   (d) None of these

52. The term 'automation' was first used by D.S.Harder in

    (a) 1934   (b) 1936

    (c) 1947   (d) 1950

53. Which are the facets relaing to INFLIBNET

    (a) OCLC   (b) NICNET

    (c) CALIBER   (d) Libsys

54. MARC was started in the year

    (a) 1962   (b) 1965

    (c) 1972   (d) 1978

55. Greenstone Digital Library (GSDL) was developed at:

    (a) Massachusetts Institute of Technology (MIT) Libraries and Hewlett-Packard Labs.

    (b) Katipo Communications Ltd., New Zealand

    (c) University of Waikato, New Zealand

    (d) Wikimedia Foundation

56. The term virtual library was initially used interchangeably with _____

    (a) Digital library   (b) Automated library

    (c) National library   (d) Special library

57. OPAC accessible via Internet is called_____

    (a) Online OPAC   (b) e-OPAC

    (c) Web OPAC   (d) Internet OPAC

58. DSpace was developed at:

    (a) Katipo Communications Ltd., New Zealand

    (b) University of Waikato, New Zealand

    (c) Massachusetts Institute of Technology (MIT) Libraries and Hewlett- Packard Labs.

    (d) Wikimedia Foundation

59. What is the most popular language of the computer?

    (a) Machine language   (b) High level language

    (c) Assembly language   (d) Low level language

60. In reference of computers, windows are

    (a) Hardware   (b) Software

    (c) Windows for reference   (d) None of these

61. Information retrieval is fastest from___

    (a) Floppy disk   (b) Magnetic tape

    (c) Hard disk   (d) None of these

62. The term "Truncation" is used in ___

    (a) Budgeting   (b) Search formulation

    (c) Co-ordination   (d) Classified bibliography

63. What is Byte in computers?

    (a) A tool of computer   (b) Language

    (c) Hardware   (d) Measurement of the memory

64. RAM may be called as which of the following?

    (a) Non-volatile memory   (b) Volatile memory

    (c) External memory   (d) Internal memory

65. What is a bug?

    (a) Computer virus   (b) Error in computer configuration

    (c) Error in a Programme   (d) None of these

66. 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

67. When was CD-ROM made?

    (a) 1985   (b) 1982

    (c) 1977   (d) 1970

68. The process of configuring the disk into tracks and sectors is called___

    (a) Booting   (b) Labeling

    (c) Formatting   (d) All of these

69. DBMS stands for

    (a) Data Based Management System   (b) Data Based Mechanical System

    (c) Director Board of Mechanical System   (d) Data Based Machine System

70. What is the full form of CD-Rom?

    (a) Compact Disk-Read Only Memory   (b) Compact Disk-Reading on Machine

    (c) Compact Disk-Reading of Material   (d) Compact Disk-Read on memorandum

71. Which of the following is not a programming language?

    (a) BASIC   (b) COBOL

    (c) FORTRAN   (d) ASCII

72. RAM is the abbreviation of __

    (a) Read and Memory   (b) Reading material

    (c) Random Access Memory   (d) None of the above

73. CD-ROM is a

    (a) Name of a Computer   (b) Magnetic Tape

    (c) Storage Medium   (d) Programming

74. What is the function of CPU?

(a) To prepare Programmes
(b) Instructions to the computer
(c) Computer language
(d) It controls all the functions of the computer

75. Information Technology is the science of information handling, in which, what is mainly used for processing?

(a) Library
(b) Computer
(c) Information sources
(d) Electronic documents

76. What do you mean by information technology?

(a) The use of technology
(b) The use of various technologies in the process of information
(c) The use of networking in the process of information
(d) The use of computer only in the process of information

77. What is the meaning of e-documents?

(a) Documents other than printed
(b) Non-paper documents
(c) Documents in electronic form
(d) Audio- visual tools

78. What is the full form of GUI?

(a) Graphic Utility Interaction
(b) Graphic Users Interaction
(c) Graphic Users Interface
(d) Global Users Interaction

79. What is the importance of information technology today for countries such as India?

(a) It is a tool
(b) It is a boon
(c) It is a curse
(d) It is useless

80. The software which are developed by the users themselves are called:

(a) System software
(b) Application software
(c) Users programme
(d) Utility software

81. What is needed for developing software?

(a) Low level chip
(b) High level language
(c) Low level language
(d) High level circuit

82. The collection of programmes for computer are called___

(a) Software
(b) Hardware
(c) Memory
(d) System

83. What do you know about Internet?

(a) It is a library
(b) It is a management system
(c) It is an information system
(d) It is a network of networks

84. Internet was initially developed by US Department of___

(a) Commerce
(b) Defense
(c) Interior
(d) State

85. What is called the set of rules that enables files to be transferred from one computer to the other on the net?

(a) FTP
(b) PTF
(c) TCP
(d) IP

86. What is the name of bulletin board service of Internet?

    (a) Bulletin Board   (b) Netware

    (c) USENET   (d) Servware

87. What do we call Internet connections such as Shell or Terminal dial up and ICP/IP?

    (a) Password   (b) Accounts

    (c) www   (d) Page

88. What is called the vast collection of information in www?

    (a) Web page   (b) Service page

    (c) Information page   (d) Home page

89. What type of services had been provided by Internet?

    (a) E-mail, file transfer, Bulletin Board, www   (b) Bulletin board, www

    (c) E-mail and file transfer   (d) All of these

90. How many components are required for Internet connectivity?

    (a) Computer, Modem, Telephone line

    (b) Modem,Programme, Telephone line

    (c) Computer, Modem

    (d) Computer, Modem, Programme, Telephone line

91. What is the full form of WAIS?

    (a) Wide Area Information Service   (b) Wide Area Information System

    (c) Wide Area Internal System   (d) Wide Area Integrated System

92. What is called that protocol which is designed to reach, retrieve and display documents from remote sites on the Internet?

    (a) Gopher   (b) Site

    (c) Page   (d) GUI

93. What is called that language in which web pages are written?

    (a) Computer language   (b) FORTRAN

    (c) Machine language   (d) HTML

94. Which has become the most popular navigation tool on the Internet?

    (a) Password   (b) World Wide Web

    (c) Site   (d) Web

95. The E-mail on Internet is sent to other networks through interconnections? What are called these interconnections?

    (a) Gateways   (b) Password

    (c) Address   (d) Home page

96. How do large databases are searched on the Internet?

    (a) With the help of WAIS   (b) With the help of home page

    (c) With the help of browsing   (d) With the help of Gopher

97. How E-mail is distributed in Internet system?

    (a) Courier   (b) Speed post

    (c) Air-mail   (d) Computer and modem

98. The practice of browsing through the contents of news groups, web or other information services on Internet is known as___

    (a) Surfing

    (b) Rowing

    (c) Exploration

    (d) Navigation

99. In the Internet, Infoseek is a popular___

    (a) Gateway

    (b) Search engine

    (c) Browsing

    (d) Highway

100. What do you know about meta-data?

    (a) A collection of data

    (b) A collection of data which describes an information

    (c) Data

    (d) Microforms

101. The programmes that acts as an interface between the user and Internet is known as___

    (a) Browser

    (b) Service provider

    (c) Access point

    (d) Protocol

102. What is the main function of Archie?

    (a) Helps to find information located anywhere on Internet

    (b) Helps to find information by Password

    (c) Helps to find information on the www of Internet

    (d) Helps to find information on Internet

103. What are the kinds of bandwidth?

    (a) Narrow, high and lower bands

    (b) Narrow, broad and high bands

    (c) High, lower and medium bands

    (d) Narrow, Voice and broad bands

104. The scientist who developed the ability of communicating information to long distance without wires in 1895__

    (a) James Watt

    (b) Adam Brown

    (c) Marconi

    (d) Graham Bell

105. What is Internet Protocol (IP)?

    (a) Transmitting small pieces of information via various paths

    (b) Transmitting small pieces of information via suitable path

    (c) Collecting small pieces of information to different places

    (d) Distributing small pieces of information to different places

106. When two or more computers are directly linked within a small area such as a room, office or a campus, it is called:

    (a) Local Area Network

    (b) Metropolitan Area Network

    (c) Wide Area Network

    (d) International Network

107. How do computers link in tree network topology?

    (a) All computers are linked directly

    (b) All computers are linked indirectly

    (c) All computers are linked hierarchically

    (d) All computers are linked together

108. Computer network is a system, in which

    (a) Two computers are connected

    (b) Different types of computers are connected

    (c) Several computers and terminal devices are connected

    (d) Two computers are electronically connected

109. The networks established in India, such as CALIBNET, DELNET, BONET, ADINET are which category of networks?

    (a) LAN   (b) MAN

    (c) WAN   (d) IN

110. Which one is the largest network system in the world?

    (a) INFLIBNET   (b) OCLC

    (c) DELNET   (d) EURONET

111. Which one is not the Indian Network?

    (a) INDONET   (b) VIDYANET

    (c) CALIBNET   (d) EURONET

112. Which of the following networks is not primarily for academic purposes?

    (a) ERNET   (b) JANET

    (c) NICNET   (d) INFLIBNET

113. SIRNET is the abbreviation of ___

    (a) Subject Indexing Retrieval Network

    (b) Social Service Investigation and Research Network

    (c) Scientific and Industrial Research Network

    (d) Science and Research Information Network

114. What was the previous name of OCLC?

    (a) Ohio College Literature Centre   (b) Ohio college Library Centre

    (c) On-line Computer Library Centre   (d) Ohio Centre for Library Cooperation

115. OCLC is the network of which country?

    (a) UK   (b) USA

    (c) Bangladesh   (d) Germany

116. Out of the following, which computer service is not provided through networking?

    (a) Videotext   (b) Voice mail

    (c) E-mail   (d) Reference service

117. What is called the geographical arrangement of computer resources, remote devices and communication facilities in a network system?

    (a) Network analysis   (b) Network system

    (c) Network topology   (d) Network of networks

118. A network system, in which all the computer nodes are connected only by one cable, is called

    (a) Ring structure   (b) Star structure

    (c) Bus structure   (d) Hierarchical structure

119. In which topology of networks, bus network structure is very useful?

    (a) LAN   (b) MAN

    (c) WAN   (d) IN

120. What are called those libraries in which services are fully automated and all resources are in digitized form?

    (a) Digital libraries   (b) Electronic libraries

    (c) Digital libraries   (d) Libraries without walls

121. The libraries whose resources are in both electronic and conventional forms, and functions are fully automated with CD-ROMs networking, are called

    (a) Digital library   (b) Electronic library

    (c) CD-ROMs library   (d) Virtual library

122. What was the main and important problem of the libraries today, which has been solved by digital libraries?

    (a) Space problem   (b) Problem of sources

    (c) Staff problem   (d) Working problem

123. Who should do the total planning of automation in libraries?

    (a) Library Committee   (b) Staff members in all

    (c) Librarian only with the help of his/her staff   (d) Authority of the libraries

124. What is fundamental for the success of automation in libraries?

    (a) Planning of automation   (b) Comprehensive planning of automation

    (c) Planning of management automation   (d) None of these

125. What is bibliographic database?

    (a) Collection of data

    (b) Collection of catalogue entries

    (c) List of books

    (d) Collection of records in machine readable form

126. What help in promoting OPACs?

    (a) Networking arrangement   (b) Library networking arrangement

    (c) Online library networking arrangement   (d) Computer in invention

127. RSS Feed is a tool of:

    (a) Graphic design   (b) Web 1.0

    (c) Web 2.0   (d) Authority of the libraries

128. One of the following search engines is exclusively meant for scientific information

    (a) Google   (b) Yahoo!

    (c) SCIRUS   (d) Alta Vista

129. Mozilla is___

    (a) An operating system   (b) Library software

    (c) A web browser   (d) A search engine

130. Microchip was invented by___

    (a) Microsoft   (b) IBM

    (c) DELL   (d) Intel

131. The term *"Cyberspace"* was first used by___

    (a) Andrew Pollack   (b) William Gibson

    (c) Johan Postal   (d) Joe Flower

132. OAI stands for:

   (a) Open Access Initiatives   (b) Open Archives Initiatives

   (c) Online Access Initiatives   (d) Online Archives Initiatives

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

   (a) LibSys 7   (b) EPrints

   (c) Joomla   (d) Drupal

134. Which of the following is an Open Source Software?

   (a) E- Granthalaya   (b) Soul 2.0

   (c) Koha   (d) LibSys 7

135. Which one of the following is not an Open Source Software?

   (a) DSpace   (b) Windows

   (c) Greenstone   (d) Fedora

136. When was MARC project completed?

   (a) 1987   (b) 1967

   (c) 1947   (d) 1968

137. Koha was developed at:

   (a) Katipo Communications Ltd., New Zealand

   (b) University of Waikato, New Zealand

   (c) Massachusetts Institute of Technology (MIT) Libraries and Hewlett- Packard Labs.

   (d) Wikimedia Foundation

138. UNIMARC was developed by:

   (a) UNESCO   (b) IFLA

   (c) FID   (d) Library of Congress

139. Which one of the following is not associated with the communication system?

   (a) Receiver   (b) Channel

   (c) Sender   (d) Entropy

140. RFID technology is used in:

   (a) Acquisition   (b) Serial Control

   (c) Circulation Control   (d) OPAC

141. Protocol means___

   (a) Interchange of data between two devices   (b) Interchange of data between two computers

   (c) Linkage between two computers   (d) Linkage between two devices

142. World Wide Web (WWW) was designed by___

   (a) Charles Babbage   (b) F.W.Lancaster

   (c) Ted Nelson   (d) Tim Berners- Lee

143. What is the new name of DELNET?

   (a) Delivery of Libraries network   (b) Delhi Library Network

   (c) Delhi Network   (d) Developing Library Network

144. What is the full form of ERNET?

   (a) Engineering Network   (b) Eastern Regional Network

   (c) Electronic research Network   (d) Education and Research Network

145. The invisible web refers to:
   - (a) The Internet, since we cannot see it
   - (b) That part of the Internet, which is hidden from the search engines
   - (c) The telecommunication signals which are not seen
   - (d) The failure in accessing the web pages

146. Deleted e-mails can be found in the ___
   - (a) Trash folder
   - (b) Inbox folder
   - (c) Starred folder
   - (d) Spam folder

147. Which of the following is not a web browser?
   - (a) Firefox
   - (b) Internet Explorer
   - (c) Google Chrome
   - (d) DMOZ

148. INFLIBNET headquarters is located at:
   - (a) New Delhi
   - (b) Bangalore
   - (c) Ahmedabad
   - (d) Chennai

149. Hybrid Library deals with:
   - (a) Print collection
   - (b) Digital collection
   - (c) Print and digital collection
   - (d) None of the above

150. Which of the following is an Institutional Repository Software Package?
   - (a) Joomla
   - (b) EPrints
   - (c) Koha
   - (d) Drupal

151. If $5 - 1 = 6$, $7 - 5 = 12$, $6 - 2 = 8$, then $8 - 7 = ?$
   - (a) 1
   - (b) 12
   - (c) 11
   - (d) 15

152. If $B \times D = 8$ what is $A \times G = ?$
   - (a) 2
   - (b) 7
   - (c) 5
   - (d) 9

153. If $1 \times 6 = 12$, $2 \times 8 = 32$, what is $6 \times 6 = ?$
   - (a) 42
   - (b) 22
   - (c) 52
   - (d) 72

154. Identify the next number in the series:
   1, 5, 10, 16, 23, 31, __
   - (a) 38
   - (b) 50
   - (c) 39
   - (d) 40

155. Identify the wrong number in the series:
   5, 11, 23, 47, 96, 191, 383
   - (a) 96
   - (b) 5
   - (c) 47
   - (d) 383

156. 5% of Rs. 40 = ?
   - (a) 2
   - (b) 4
   - (c) 20
   - (d) 40

157. 32/50 as a percentage is

    (a) 50   (b) 62

    (c) 64   (d) 60

158. $1/3 \times 1/3 = ?$

    (a) 2/6   (b) 2/3

    (c) 1/6   (d) 1/9

159. The self interest on Rs.1000 loan is 20% annually. What is the total amount of interest paid at the end of year two?

    (a) Rs.1020   (b) Rs.440

    (c) Rs.1120   (d) Rs.404

160. There are only 24 women out of a total work force of 1,200 in a construction site. What is the ratio of female to male employees?

    (a) 1 : 49   (b) 1 : 50

    (c) 1 : 48   (d) None of these

161. The present ages of three persons in proportions 4 : 7 : 9. Eight years ago, the sum of their ages was 56. Find their present ages (in years).

    (a) 8, 20, 28   (b) 16, 28, 36

    (c) 20, 35, 45   (d) None of these

162. A can run 22.5m while B runs 25m. In a kilometer race B beats A by:

    (a) 100m   (b) 111.11m

    (c) 50m   (d) 132m

163. In a box, there are 8 red, 7 blue and 6 green balls. One ball is picked up randomly. What is the probability that it is neither red nor green?

    (a) 8/21   (b) 3/4

    (c) 7/19   (d) 1/3

164. The sum of the present ages of a father and his son is 60 years. Six years ago, father's age was five times the age of the son. After 6 years, son's age will be:

    (a) 12 years   (b) 14 years

    (c) 18 years   (d) 20 years

165. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:

    (a) 250   (b) 276

    (c) 280   (d) 285

Directions for questions 166 to 170 : In each of the following questions there is a certain relationship between two given words on one side of : : and one word is given on another side of : : while the other word is to be selected from the given alternatives.

166. Dog : Bark : : Goat : ?

    (a) Bleat   (b) Howl

    (c) Grunt   (d) Bray

167. Shoe : Leather : : Shirt : ?

    (a) Thread   (b) Cloth

    (c) Tailor   (d) Cotton

168. Culprit : Crime : : Judge : ?

    (a) Case   (b) Court

    (c) Law   (d) Verdict

169. Library : Books : : Class : ?

    (a) Students   (b) Wall

    (c) Duster   (d) None of these

170. Hand : Finger : : Pen : ?

    (a) Ink   (b) Holder

    (c) Paper   (d) Nib

171. Find the relationship.
Paisa : Rupee : : ? : ?

    (a) Rupee : Wealth   (b) Coin : Money

    (c) Kilogram : Quintal   (d) Weight : Ton

172. Mary lives further up the hill than Jane. Jill lives further up the hill than Mary. Who lives furthest up the hill?

    (a) Mary   (b) Jill

    (c) Jane   (d) Jill and Jane

Directions for questions 173 to 175 : Three of the following items in the following questions are alike in a certain way, thus forming a group. Select the item which does not belong to the group.

173. (a) Curd   (b) Oil

    (c) Butter   (d) Cream

174 . (a) ToWer   (b) PoWer

    (c) MoWer   (d) LOWer

175. (a) OUT   (b) CAP

    (c) FAN   (d) LIP

Directions for questions 176 to 178 : In the following questions, you are required to find out a word from the given words which has the same meaning and significance as the words given in the question.

176. Which one is like cap, coat and trouser?

    (a) Shirt   (b) Smart

    (c) Tailor   (d) Dress

177. Which one is like jam, jelly and pickles?

    (a) Preserve   (b) Grapes

    (c) Marmalade   (d) Butter

178. Which one is like stool, table and chair?

    (a) Furniture   (b) Carpet

    (c) Bench   (d) Office

Directions for questions 179 and 180 : Choose the word which has the same meaning or has the closest meaning to the keyword.
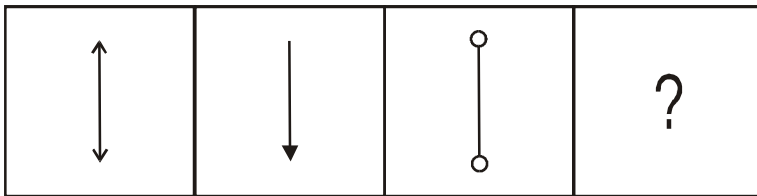
179. EXCUSE

    (a) Blame   (b) Reject
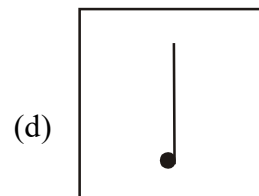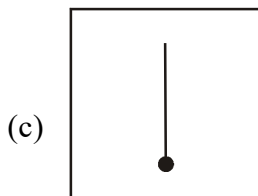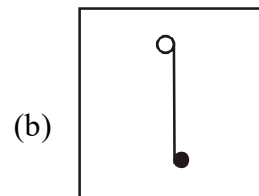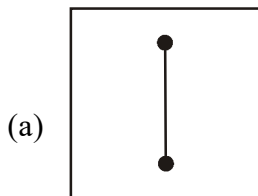
    (c) Mediate   (d) Condone

180. ROOT

    (a) Branch   (b) Perch

    (c) Plant   (d) Base

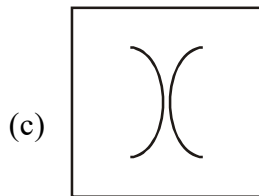**181.** Which figure comes next? Pick the correct answer from the answer set A, B, C & D.

X   is to   Y   as   Z   is to
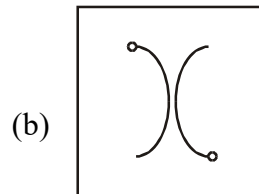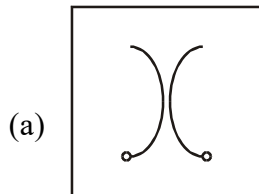
(a)

(b)

(c)

(d)

182. Which figure comes next? Pick the correct answer from the answer set A, B, C & D.

X   is to   Y   as   Z   is to

(a)

(b)

(c)

(d)
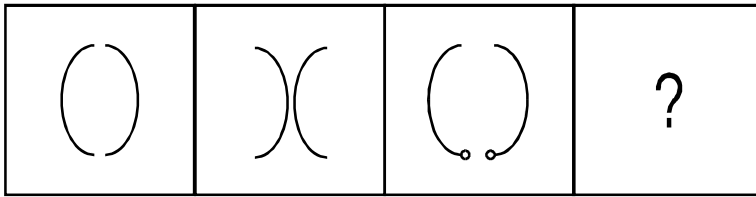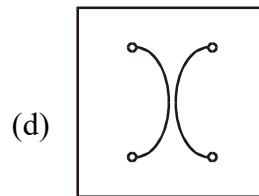
Directions for questions 183 & 184 : In the following questions, three sets of numbers around circles have been given. The circles are numberd having correspondence to the numbers outside each circle except one. Find out the number in the third circle.

183.

5
2 ⟮11⟯ 1
3

2
4 ⟮19⟯ 7
6

5
8 ⟮?⟯ 3
9

(a) 15   (b) 22
(c) 9   (d) 25

184.

8
3 ⟮4⟯ 2
4

6
5 ⟮2⟯ 7
8

5
8 ⟮?⟯ 2
3

(a) 12   (b) 10
(c) 9   (d) 11

Directions for questions 185 to 187 : In the following questions the cells in the rectangle are numbered according to some rule. Determine the rule and find out the missing number out of the given alternatives.

185.

17	11	19
12	13	46
25	4	?

(a) 36   (b) 25
(c) 9   (d) 64

186.

5	8	6
8	?	4
6	4	9

    (a) 5   (b) 7

    (c) 3   (d) 4

187.

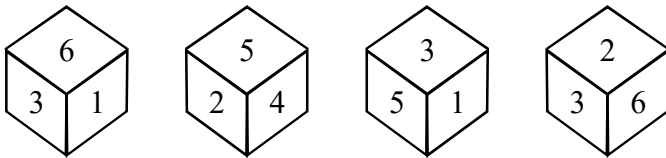| 32	37	23
28	33	23
24	?	19

    (a) 29   (b) 27
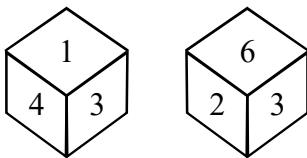
    (c) 24   (d) 37

188. Which number is opposite to 3?

    (a) 2   (b) 3
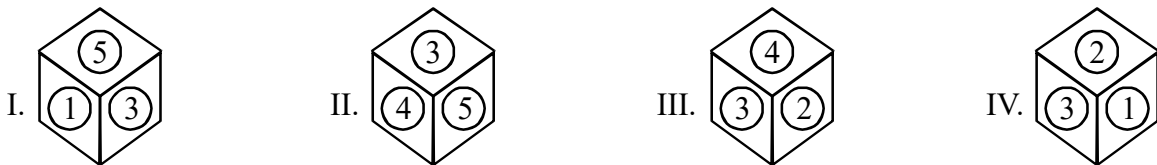
    (c) 4   (d) 6

189. When 5 is at top, which number will be at the bottom?

    (a) 6   (b) 2

    (c) 5   (d) 3

190. Study the different positions of a cube as given below. Which number will occur on the face opposite to 4?

    (a) 3   (b) 6

    (c) 1   (d) 5

191. A is bigger than B. B is bigger than C. D is not as big as E but is bigger than B. C is not as big as B. Who is the smallest?

    (a) B   (b) A

    (c) D   (d) C

192. Which alphabet will complete the series?

K I G E ?

(a) C   (b) J

(c) H   (d) F

193. Which alphabet will complete the series?
NOL, XYV, IJG, DEB, ?

(a) STP   (b) RSQ

(c) RSP   (d) STR

194. In a certain language 'A' is coded as 1, 'B' is coded as 3, 'C' is coded as 5 and so on. How is GARAGE coded in that language?

(a) 113193118   (b) 132362139

(c) 131271138   (d) 131351139

195. If 'PALE' is coded as 2134, 'EARTH' is coded as 41590, how is 'PEARL' coded in that code?

(a) 29530   (b) 24153

(c) 25413   (d) 25430

196. If WOMEN is coded as 12345 and SERVANT is coded as 6789450. How will VOTERS be coded?

(a) 920786   (b) 902876

(c) 978206   (d) 972086

197. If ARUL is coded as 52, then BINA will be coded as

(a) 40   (b) 42

(c) 26   (d) 30

198. If + means 'minus', − means 'multiplication', ÷ means 'plus', and × means 'division'. Then the value of $10 \times 5 \div 3 - 2 + 3 = ?$

(a) 5   (b) 1.5

(c) 11.33   (d) −25

199. If 'Rain' is called 'Water', 'Water' is called 'Road', 'Road' is called 'Cloud', 'Cloud' is called 'Sky', 'Sky' is called 'Sea', and 'Sea' is called 'Path'. Where do aeroplanes fly?

(a) Road   (b) Sea

(c) Cloud   (d) Water

200. If the day after tomorrow be Friday, what day would have been on yesterday?

(a) Sunday   (b) Tuesday

(c) Saturday   (d) None of these

* * * * * * *