Code No. : 1974/2020

Question Booklet Alpha Code **C**

Total No. of Questions : 160

Time : 2 Hours

Each question carries half mark : **Marks : 80 (160 × ½)**

1. What country is called "Land of thousand lakes"?
   A) Denmark B) Albania C) Italy D) Finland

2. The Appalachian mountains are in?
   A) Argentina B) USA C) Brazil D) Italy

3. Who is known as England's Bard of Avon?
   A) William Shakespeare B) Anne Hathway
   C) Charles Dickens D) Leonardo

4. What is the soft spot on a babies head known as?
   A) Totalle B) Truffle C) Fontanels D) Restivelle

5. Ornithophobia is the fear of
   A) Frog B) Snake C) Turtle D) Birds

6. Biotin is a form of which vitamin?
   A) C B) E C) H D) D

7. Who invented JAVA?
   A) Richard Gord B) Raman Souz C) James A Gosling D) James Russel

8. Which IT company was otherwise called as "Big Blue"?
   A) Apple B) IBM C) Intel inside D) infosys

9. The origin of Nokia?
   A) Italy B) Denmark C) Finland D) Sweden

10. Who is the Dowaswom minister in the present Kerala government?
    A) Sri. V S Sunilkumar B) Sri. E. Chandrasekharan
    C) Sri. Kadakampally Surendran D) Sri. G. Sudhakaran

CSEB

11. Which animal has the longest lifespan?

A) Elephant
B) Blue whale
C) Arctic whale
D) Tortoise

12. World diabetes day is observed on

A) 12th November
B) 13th November
C) 14th November
D) 15th November

13. Who won the Wimbledon men's title in 2019?

A) Novak Djokovic
B) Rafael Nadal
C) A. Mies
D) D. Thiem

14. Maxtouch, Orange and Hutch were the previous names of

A) Airtel
B) Vodafone
C) Aircel
D) Cellone

15. The state government nominee for the Sree Padmanabhaswamy temple panel is

A) P Narayanan Nair
B) Raju K Nair
C) P K Madhavan Nair
D) Rajendran Nair

16. Which one of the following is called City of Lakes?

A) Srinagar
B) Jaipur
C) Udaipur
D) Kollam

17. Hemant Soren is the Chief minister of

A) Jharkhand
B) Uttarakhand
C) Bihar
D) Assam

18. Number of districts in the Ladakh union territory are?

A) 1
B) 3
C) 2
D) 4

19. Which is the tallest mountain on Earth?

A) Mount Washington
B) Mount Everest
C) Mount Whitney
D) Mount St Helens

20. What is the biggest planet in our solar system?

A) Saturn
B) Uranus
C) Jupiter
D) Neptune

CSEB

I. Choose the correct **antonym** from brackets for the following :

21. (Laconic)
A) short B) elaborate C) simple D) none of these

II. Choose the correct **meaning** from brackets for the following :

22. (Degratia)
A) by the grace of god B) by the gratitude of another
C) by the spirit of thinking D) none of these

23. (el Dorado)
A) poverty B) source of wealth
C) method of choosing a right thing D) none of these

III. Choose the correct **preposition** from brackets for the following :

24. All the books are _____ my table.
A) in B) on C) at D) none of these

25. He can join duty
A) in short notice B) on short notice C) at short notice D) none of these

IV. Choose the correct **synonym** from brackets for the following :

26. (Obstinate)
A) stubborn B) weak C) dull D) none of these

V. Choose the correct **tense** of the verb given in brackets from the answers given below .

27. She can help him (solve) the matter
A) solve B) to solve C) solves D) none of these

28. One ought (respect) the elderly
A) respect B) to respect C) respecting D) none of these

29. One of my brothers (work) in London
A) are working B) work C) works D) none of these

30. You shall not (meet) him until I instruct you
A) meet B) met C) meeting D) none of these

CSEB

31. Six friends A, B, C, D, E and F are sitting in a circle facing the centre. F is to the immediate left of A and B is sitting opposite to E. A and D are sitting opposite to each other. Who is sitting second to the right of F?

A) Either B or E B) Either B or D C) C D) D

32. Nalini went from her office to the bank, she started her journey facing west. First she went 2 Km straight, then she turned to her right and went 3 Km finally, she turned left and walked 2 Km to reach the bank. What is the shortest distance between Nalini's office and the bank?

A) 3.5 Km B) 3 Km C) 4 Km D) 5 Km

33. Select the option that is related to the third term in the same way as the second term is related to the first term

JOCKY : PKCXJ : : BHAJI : ...?...

A) ICIAH B) ICAIH C) ICAIH D) CAIHI

34. B's brother is A. D's father is C. B's mother is E, A and D are brothers. How is E related to C ?

A) Sister B) Sister in law C) Niece D) Wife

35. If MASTER is coded as 26138402536 and GOVIND is coded as 142254481288 then how will BACK SPACE be coded as?

A) 4162238321625 B) 5172339317125

C) 4172393337125 D) 5172933379215

36. Find the odd one

A) 2518 B) 3429 C) 4529 D) 5117

37. Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one

A) Advisor B) Follower C) Counsellor D) Guide

38. Select the option that is related to the third term in the same way as the second term is related to the first term

3 : 82 : : 4 : ...?...

A) 256 B) 257 C) 64 D) 48

39. If 1st January 1910 is Friday then find out the day on 1st January 1903

A) Monday B) Tuesday C) Wednesday D) Sunday

40. Find the missing number from the below options

3	8	2	222
6	9	1	511
7	5	3	?

A) 553 B) 356 C) 365 D) 635

41. The Kaira District Co-operative Milk Producers Union was formed in 1946 at

A) Bombay B) Banglore C) Anand D) Ahmedabad

42. Minimum number of persons required to form a Co-operative Society as per the provisions of Kerala Co-operative Societies Act is

A) 10 B) 15 C) 20 D) 25

43. The Head Quarters of International Co-operative Alliance is at

A) Geneva B) Paris C) New York D) London

44. How many scheduled Co-operative Banks are there in Kerala?

A) 7 B) 5 C) 3 D) 1

45. The name of G.K. Panicker is associated with which Co-operative Society

A) Kerala State Co-operative Bank B) MILMA

C) Kerala Dinesh Beedi Co-operative Society D) KERAFED

46. The economic participation of members in the activities of a primary co-operative bank is / are in the form of

A) state holders B) users

C) as owners D) users and owners

47. The first Co-operative Societies Act viz. The Co-operative Credit Societies Act was passed in India in the year

A) 1969 B) 1951 C) 1912 D) 1904

48. Article _____ of the constitution of India guarantees to all its citizens the right to form associations unions and Co-operative Societies

A) 43 B B) 19 [(1) (c)] C) 22 D) 46

49. The Banking Regulation Act empowers _____ to conduct inspection of State Co-operative Banks.

A) NABARD B) RBI

C) Central Govt D) Registrar of Co-operative Societies

50. The liability of a member of a Co-operative Society in Kerala is

A) Unlimited B) Limited C) Several D) Joint

CSEB

51. _____ capital is the most permanent support to a Co-operative Bank.

A) Reserves
B) Paid up share capital
C) Deposits
D) Profit

52. NABARD was established in

A) 12 May 1982
B) 12 June 1983
C) 12 July 1982
D) 12 August 1981

53. Scheduled banks are those which are listed in the second schedule of

A) RBI Act
B) NI Act
C) BR Act
D) NABARD Act

54. Capital to Risk Weighted Assets Ratio system was introduced for Co-operative Banks with the objective of

A) Cleanse balance sheet
B) Increase the government contribution
C) Wipe of accumulated loss
D) Strengthen the capital base

55. An asset that has a limited life span and irreversibly declines in value over time is called

A) floating asset
B) fictitious asset
C) current asset
D) wasting asset

56. _____ allow account holders to have a negative balances.

A) Cash credit
B) Overdraft
C) ST loan
D) Bridge loan

57. Repo Rate is

A) the rate at which the RBI lends to State Govt
B) the rate at which the RBI rediscounts the discounted bills of banks
C) the rate at which RBI lends to banks
D) the rate at which the banks lend to RBI

58. Debt Service coverage ratio is worked out when appraising

A) Cash credit
B) Term loans
C) Personal loan
D) Gold loan

59. As per entry _____ of the VIIth schedule of the Indian Constitution Banking is a union subject and Parliament is vested with the powers to make Banking Laws.

A) 32
B) 37
C) 42
D) 45

60. The Banking Regulation Act was made applicable to Co-operative Banks with effect from

A) 1949 March 16
B) 1956 June 1
C) 1965 March 1
D) 1974 January 1

61. Which of the following must be contained in a URL?
   A) A protocol identifier
   B) The letters www
   C) The unique registered domain name
   D) www and the unique registered domain name

62. A mistake in an algorithm that causes incorrect results is called a
   A) Logical error B) Syntax error C) Procedural error D) Compiler error

63. The two basic part of URL are
   A) TCP and IP B) TCP / IP and ISP
   C) TCP and FTP D) The protocol and domain name

64. _____ is a communication technology used by some incoming mail servers.
   A) Telnet B) TCP C) FTP D) POP3

65. In a client / server network, the users computer is considered the
   A) Client B) Web site C) Library D) Server

66. VIRUS stands for _____
   A) Vital Information Region Under Siege B) Vital Information Resource Under System
   C) Vital Information Resource Under Siege D) Virus Information Resource Under Siege

67. Which of the following is used to create and delete views and relations within tables?
   A) SQL Data Identification Language
   B) SQL Data Identification and Manipulation Language
   C) SQL Data Relational Language
   D) SQL Data Definition Language

68. The ultimate goal of a compiler is to
   A) Reduce the clock cycles for a programming task
   B) Reduce the size of the object code
   C) Be versatile
   D) Be able to detect even the smallest of errors

69. Data transfer between the main memory and the CPU register takes place through two registers namely
   A) MAR and Accumulator B) General purpose register and MDR
   C) Accumulator and program counter D) MAR and MDR

70. Which of the register/s of the processor is/are connected to Memory Bus?
   A) IR B) PC C) MAR D) None of These

71. POP denotes

A) Post Office Program
B) Post Office Protocol
C) Popular Office Program
D) Protocol on Protocol

72. _____ is used to store data in registers.

A) JK flip flop
B) RS flip flop
C) D flip flop
D) None of These

73. Which statement is not true in java language?

A) A public member of a class can be accessed in all the packages
B) A private member of a class cannot be accessed by the methods of the same class
C) A private member of a class cannot be accessed from its derived class
D) A protected member of a class can be accessed from its derived class

74. In Java, A constructor

A) Must have the same name as the class it is declared within
B) Is used to create objects
C) May be declared private
D) All of the above

75. In C++ Which of the following gets called when an object is being created?

A) Constructor
B) Virtual Function
C) Destructors
D) Main

76. In CPP, members of a class are _____ by default.

A) Public
B) Private
C) Protected
D) Static

77. In C++ code , variables can be passed to a function by

A) Pass by value
B) Pass by reference
C) Pass by pointer
D) All of the above

78. Constant function in C++ can be defined as

A) void display( )
B) void display( ) const
C) const void display( )
D) void constant display( )

79. An exception in C++ can be generated using which keywords

A) thrown
B) throw
C) throw
D) throws

80. True statement about Class and structure in C++ is

A) Default access specifier is private in class and public in structure
B) Way of creating objects of class and structure are different
C) Way of inheriting class and structure are different
D) None of the above

CSEB

81. Which is also called as abstract class?

A) Virtual function
B) Derived class
C) Pure virtual function
D) None of the mentioned

82. What is meant by multiple inheritance?

A) Deriving a base class from derived class
B) Deriving a derived class from base class
C) Deriving a derived class from more than one base class
D) None of the mentioned

83. Which of the following cannot be overloaded in C++?

A) Increment operator
B) Constructor
C) Destructor
D) New and delete operator

84. What is the correct method used to insert and delete items from the queue?

A) push and pop
B) enqueue and dequeue
C) enqueue and peek
D) add and remove

85. Which data structure is used in Breadth First Traversal of a graph?

A) Stack
B) Queue
C) Array
D) Tree

86. Which of this interface must contain a unique element?

A) Set
B) List
C) Array
D) Collection

87. Which of these methods can randomize all elements in a List?

A) rand( )
B) randomize( )
C) shuffle( )
D) ambiguous( )

88. Which of these is a super class of all exceptional type classes?

A) String
B) RuntimeException
C) Throwable
D) Cacheable

89. Which of these exceptions handles the divide by zero error?

A) ArithmeticException
B) MathException
C) IllegalAccessException
D) IllegalException

90. Which function among the following can't be accessed outside the class in Java in same package?

A) public void show( )
B) void show( )
C) protected show( )
D) static void show( )

91. In OOPs, When value of an object is assigned to another object

A) It becomes invalid statement

B) Its values gets copied into another object

C) Its values gets address of the existing values

D) The compiler doesn't execute that statement

92. Which components play a significant role in the formation of a dynamic RAM?

A) Two MOSFETs

B) Two capacitors

C) One MOSFET and one capacitor

D) One MOSFET and two capacitors

93. Which among the following techniques is used by EPROM for erasing purpose?

A) Force Convection

B) Ultraviolet Radiation

C) Photo-conduction

D) None of the above

94. Which bus is used as input data bus by the control lines for a specific duration while performing write operation?

A) Uni-directional bus

B) Bi-directional bus

C) Multi- directional

D) None of the above

95. Which type of triggering is shown by the D flip flops in buffer registers for the temporary storage of digital words?

A) Positive level triggering

B) Negative level triggering

C) Positive edge triggering

D) Negative edge triggering

96. Which type of memory elements are used in synchronous sequential circuits?

A) Clocked Flip flops

B) Unclocked Flip flops

C) Time Delay Elements

D) All of the above

97. Which flip flops serve to be the fundamental building blocks of counters?

A) S-R flip flops B) J-K flip flops C) T flip flops D) D flip flops

98. _____ is the time required to move the disk arm to the required track

A) Seek time B) Rotational delay C) Latency time D) Access time

99. The process of direct mapping by using some faster algorithms is called as

A) hashing B) searching C) sorting D) indexing

100. A path name that starts at root directory is

A) absolute B) relative C) hybrid D) hierarchical

101. _____ is a condition in which there is a set of concurrent processes, only one of which is able to access a given resource or perform a given function at any time.

A) Mutual Exclusion B) Busy Waiting C) Deadlock D) Starvation

102. The different types of tables maintained by the operating system are

A) memory, logical , I/O file B) memory, I/O, file, physical

C) memory, I/O, file, process D) memory, logical, I/O, physical

103. Which of the following Windows do not have Start button?

A) Windows Vista B) Windows 7 C) Windows 8 D) None of above

104. Which one is a 'text editor' for Microsoft Windows?

A) MS Word B) MS Excel C) WordPad D) Notepad

105. What is the maximum number of Primary Partitions that can be created on a Hard-disk?

A) 1 B) 2 C) 3 D) 4

106. The Database Management System (DBMS) acts as an interface between what two components of an enterprise-class database system?

A) Database application and the database B) Data and the database

C) The user and the Database application D) Database application and SQL

107. A relational database developer refers to a record as

A) A criteria B) A relation C) A tuple D) An attribute

108. The relational model feature in RDBMS is that there

A) Is no need for primary key data

B) Is much more data independence than some other database models

C) Are explicit relationships among records

D) Are tables with many dimensions

109. Which key combination is used to minimize all open windows and displays in the screen?

A) Alt + M B) Shift + M C) Windows Key + D D) CTRL + D

110. Two basic types of operating systems are.

A) sequential and direct B) batch and timesharing

C) sequential and realtime D) batch and interactive

CSEB

111. _____ is a preferred method for enforcing data integrity

A) Constraints B) Stored procedure C) Triggers D) Cursors

112. SQL server stores index information in the _____ system table.

A) syst indexes B) system indexes C) sysind D) sys indexes

113. A _____ DBMS distributes data processing tasks between the workstation and network server.

A) Network B) Relational C) Client Server D) Hierarchical

114. Which of the following is not a characteristic of a relational database model?

A) Table B) Tree like structure

C) Complex logical relationship D) Records

115. _____ introduced the relational database rules.

A) Atul Kahate B) James Gossling

C) EF Codd D) Dennies Rithchie

116. The operation of eliminating columns in a table done by _____ operation

A) Restrict B) Project C) Union D) Divide

117. The way a particular application views the data from the database that the application uses is a

A) module B) relational model C) schema D) sub schema

118. The normal form that is not necessarily dependency preserving is

A) 2NF B) 3NF C) BCNF D) 4NF

119. In E-R diagram total participation is represented by

A) Double lines B) Dashed lines C) Single line D) Triangle

120. DML is provided for

A) Description of logical structure of database

B) Addition of new structure in the database system

C) Manipulation and processing of database

D) Definition of physical structure of database system

121. A _____ is a program running on the server machine, which accepts requests from a Web browser and sends back results in the form of HTML documents.

A) HTML B) HTTP C) Web Server D) Web browser

122. How many levels of headings are in html?

A) 2 B) 7 C) 6 D) 4

CSEB

123. The Java _____ specification defines an application programming interface for communication between the Web server and the application program

A) Servlet B) Server C) Program D) Randomize

124. What MySQL property is used to create a surrogate key in MySQL?

A) UNIQUE B) SEQUENCE
C) AUTO_INCREMENT D) None of the mentioned

125. What programming language(s) or scripting language(s) does Java Server Pages (JSP) support?

A) VBScript only B) Jscript only
C) Java only D) All of the mentioned

126. The _____ system is widely used for mapping from Java objects to relations.

A) Hibernate B) Object oriented
C) Objective D) None of the mentioned

127. The ORDER BY clause can only be used in

A) SELECT queries B) INSERT queries
C) GROUP BY queries D) HAVING queries

128. Which of the following data structure is linear data structure?

A) Trees B) Graphs
C) Arrays D) None of the mentioned

129. _____ is widely used today for protecting data in transit in a variety of applications such as data transfer on the Internet, and on cellular phone networks.

A) Encryption B) Data mining
C) Internet Security D) Architectural security

130. Which is the largest disadvantage of symmetric Encryption?

A) More complex and therefore more time-consuming calculations
B) Problem of the secure transmission of the Secret Key
C) Less secure encryption function
D) Isn't used any more

131. _____ is a standard for security that is located at the network or packet processing layer of network communications, as opposed to the application layer.

A) Passive FTP B) TCP C) SSL D) IPsec

132. Which of the following is not a WebApp interface mechanism?

A) Forms B) Cookies C) Browser D) Links

133. _____ are two important technologies for developing the Semantic web.

A) XML and RDF
B) XML and HTML
C) RDF and HTML
D) Wi-Fi and XML

134. Which of the following is a group of one or more attributes that uniquely identifies a row?

A) Key
B) Determinant
C) Tuple
D) Relation

135. What does DLCI stands for?

A) Data Link Circuit Identifier
B) Data Link Connection Interrupt
C) Data Link Connection Identifier
D) Data Link circuit Indicator

136. Criminal hacking is called

A) A worm
B) A Trojan horse
C) Cracking
D) Blasting

137. This type of memory improves processing by acting as a temporary high speed holding area between the memory and the CPU

A) RAM
B) ROM
C) Cache memory
D) Flash memory

138. The clock rate of a processor is measured in

A) Milliseconds
B) Microhertz
C) Megabytes
D) Megahertz or Gigahertz

139. In C++, Streams that will be performing both input and output operations must be declared as class

A) iostream
B) fstream
C) stcstream
D) Std.ostream

140. In C++ Exception handlers are declared with _____ keyword.

A) try
B) catch
C) throw
D) finally

141. The Generic Array Logic (GAL) device is _____

A) one-time programmable
B) reprogrammable
C) a CMOS device
D) reprogrammable and a CMOS device

142. Which of the following is not an analog device?

A) Thermocouple
B) Current flow in a circuit
C) Light switch
D) Audio microphone

143. A multiplexer has

A) one input and several outputs
B) one input and one output
C) several inputs and several outputs
D) several inputs and one output

CSEB

144. A type of digital circuit technology that uses bipolar junction transistors is

A) TTL B) CMOS C) LSI D) NMOS

145. Which is the only function all C programs must contain?

A) start( ) B) system( ) C) main( ) D) printf( )

146. What is the difference between a declaration and a definition of a variable in C?

A) Both can occur multiple times, but a declaration must occur first

B) A definition occurs once, but a declaration may occur many times

C) Both can occur multiple times, but a definition must occur first

D) A declaration occurs once, but a definition may occur many times

147. Which key provides the basic tuple level addressing mechanism in a relational system?

A) Candidate key

B) Alternate key

C) Primary key

D) Super key

148. Virtual memory is

A) Memory on the hard disk that the CPU uses an extended RAM

B) In RAM

C) Only necessary if you do not have any RAM in your computer

D) A backup device for floppy disk

149. Device drivers are

A) tiny power cords for external storage device

B) experts who know the performance of the devices

C) small special purpose programme

D) substitute for operating system

150. RAD stands for

A) Rapid And Design B) Rapid Aided Development

C) Rapid Application Development D) Rapid Application Design

151. PC Program Counter is also called

A) instruction pointer B) memory pointer C) file pointer D) data counter

152. Which of the following is functions is not performed by servers?

A) Email processing B) Database sharing

C) Processing Websites D) Word processing

153. Which type of DFD concentrates on the system process and flow of data in the system?

A) Logical DFD
B) Physical DFD
C) Both (A) and (B)
D) None of the above

154. Model preferred to create client/server applications is

A) WINWIN Spiral Model
B) Spiral Model
C) Concurrent Model
D) Incremental Model

155. In C Programming when we remove an item from the bottom of the stack, then

A) The stack will fall down
B) Stack will rearrange itself
C) It will convert to LIFO
D) This operation is not allowed

156. How many primitive data types are there in Java?

A) 6
B) 7
C) 8
D) 9

157. What is an embedded system?

A) A program that comes wrapped in box
B) A program that is a permanent part of a computer
C) A computer that is a part of a larger computer
D) A computer and software system that controls a machine or application

158. _____ allows users to upload files to an online site that they can be viewed and edited from another location.

A) General purpose application
B) Microsoft outlook
C) Web hosted technology
D) Office Live

159. A USB communication device that supports data encryption for secure wireless communication for notebook users is called a

A) USB wireless network adapter
B) Wireless switch
C) Wireless hub
D) Router

160. Which of the following in Object Oriented Programming is supported by Function overloading and default arguments features of C++?

A) Inheritance
B) Polymorphism
C) Encapsulation
D) None of these

CSEB