

## MCQ Question From Chapter ( 1 to 4)

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#### Chapter 1: DBMS

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1. Which of the following SQL statement is used to DELETE rows from a database table?

- a. DELETE ☒
- b. REMOVE
- c. DROP
- d. CLEAR

2. A field that is used to uniquely define a particular record in a table is called:

- a. Primary Key ☒
- b. Entity
- c. Relationship
- d. Constraints

3. ... is not the data type of MS-Access.

- a. Number
- b. Text
- c. Memo
- d. Form ☒

4. ... is the DBMS.

- a. Fox-Pro ☒
- b. MS Excel
- c. Lotus-123
- d. All of the above

5. The primary key does not accept . . .

- a. Text
- b. Number
- c. Null Value ☒
- d. None of above

6. In MS Access, we enter data using . . .

- a. Form
- b. Table
- c. Report
- d. Both a and b ☒

7. Date/Time occupies ... bytes of memory.

- a. 4
- b. 2
- c. 8 ☒
- d. 16

8. A relational database consists of a collection of

- a. Tables ☒
- b. Fields
- c. Records
- d. Keys

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9. The term \_\_\_\_\_ is used to refer to a row.

- a. Attribute
- b. Tuple ☒
- c. Field
- d. Instance

10. The term attribute refers to a \_\_\_\_\_ of a table.

- a. Record
- b. Column ☒
- c. Tuple
- d. Key

11. CREATE TABLE employee (name VARCHAR, id INTEGER) – What type of statement is this?

- a. DML
- b. DDL ☒
- c. View
- d. Integrity constraint

12. In the given query which keyword has to be inserted? INSERT INTO employee (4, Alok, 2000);

- a. Table
- b. Values ☒
- c. Relation
- d. Field

13. In the \_\_\_\_\_ normal form, a composite attribute is converted to individual attributes.

- a. First ☒
- b. Second
- c. Third
- d. Fourth

14. With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" ends with an "a"?

- a. SELECT \* FROM Persons WHERE FirstName='a'
- b. SELECT \* FROM Persons WHERE FirstName LIKE 'a%'
- c. SELECT \* FROM Persons WHERE FirstName LIKE '%a' ☒
- d. SELECT \* FROM Persons WHERE FirstName='%a%'

15. The UPDATE SQL clause can

- a. update only one row at a time
- b. update more than one row at a time ☒
- c. delete more than one row at a time
- d. delete only one row at a time

16. Which SQL keyword is used to retrieve a maximum value?

- a. MOST
- b. TOP
- c. MAX ☒
- d. UPPER

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17. Which of the following is not a DDL command?

- a. UPDATE ✓
- b. TRUNCATE
- c. ALTER
- d. None of the Mentioned

18. It is better to use DBMS than a file when there are

- a. Multiple users wish to access the data
- b. Stringent real-time requirements
- c. Complex relationships among data
- d. All of the above ✓

19. DBMS is type of ..... software.

- a. Application software
- b. System software ✓
- c. General software
- d. Both b and c

20. To which of the following the term DBA referred?

- a. Data bank administrator
- b. Data administrator
- c. Database administrator ✓
- d. All of the above

21. Duplication of data in database is known as

- a. Data Integrity
- b. Data redundancy ✓
- c. Data inconsistency
- d. None of the above

22. Which of the following enables us to view data from a table based on a specific criterion?

- a. Form
- b. Macro
- c. Query ✓
- d. Report

23. Which of the following is used to establish an association between related tables?

- a. Line
- b. Primary Key
- c. Relationship ✓
- d. Records

24. Which key is used to uniquely identify each record in database?

- a. Unique Key
- b. Primary Key ✓
- c. Key Record
- d. Field Name

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25. Which form simplifies and ensures that there are minimal data aggregates and repetitive groups:

- a. 1NF ☒
- b. 2NF
- c. 3NF
- d. All of the mentioned

26. A database language concerned with the definition of the whole database structure and schema is:

- a. DCL (Data Control Language)
- b. DML (Data Manipulation Language)
- c. DDL (Data Definition Language) ☒
- d. All of the above

27. Which of the following is not a database model?

- a. Object Oriented Database Model
- b. Network Database Model
- c. Relational Database Model
- d. Waterfall Database Model ☒

28. The overall description of a database is called

- a. Data integrity
- b. Database Schema ☒
- c. Data Definition
- d. Data Manipulation

29. Which of the following is not a DDL statement?

- a. CREATE
- b. SELECT ☒
- c. ALTER
- d. DROP

30. Which of the following is not a DML statement?

- a. CREATE ☒
- b. SELECT
- c. INSERT
- d. DELETE

31. In a relational model, relations are termed as

- a. Tuples
- b. Attributes
- c. Tables ☒
- d. Rows

32. In Hierarchical Model records are organized as

- a. Table
- b. List
- c. Links
- d. Tree ☒

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33. What is used for database security?

- a. Data encryption ☒
- b. Password
- c. Finger print
- d. All of the above

34. Prevention of access to the database by unauthorized.

- a. Integrity
- b. Security ☒
- c. Productivity
- d. Reliability

35. SQL stands for

- a. Simple Query Language
- b. Structured Quarter Language
- c. Structure Question Language
- d. Structured Query Language ☒

36. No. of Tuples in Relation is called

- a. Degree
- b. Attribute
- c. Cardinality ☒
- d. Vertex

37. What is the advantage of distributed database over centralized database?

- a. Software cost
- b. Software complexity
- c. Slow response
- d. Modular growth ☒

38. Which one of the following refers to the copies of the same data (or information) occupy the memory space at multiple places.

- a. Data Repository
- b. Data Inconsistency
- c. Data Mining
- d. Data Redundancy ☒

39. What does "MAC" stand for in MAC Address?

- a. Mandatory Access Control
- b. Media Access Control ☒
- c. Micro Access Control
- d. Media Access Certificate

40. \_\_\_\_\_ refers to the sending, receiving, and processing of information by electronic means.

- a. Computer
- b. Communication ☒
- c. Software
- d. Program

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## MCQ Question From Chapter ( 1 to 4)

### Chapter 2: Data Communication & Networking

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41. Which refers to the communication media?

- a. UTP cable
- b. Fiber optic cable
- c. Satellite
- d. All of the above ☒

42. Which one is not a network topology?

- a. Star
- b. Ring
- c. Client Server ☒
- d. BUS

43. Which is not a guided media?

- a. UTP Cable
- b. STP Cable
- c. Satellite ☒
- d. Fiber Optic

44. Which device is necessary to operate the Internet?

- a. CD-ROM
- b. ISP ☒
- c. Modem
- d. All of the above

45. In a digital data transmission of computer networking, what is Mbps?

- a. Mega Bits Per Second ☒
- b. Mega Bytes Per Second
- c. Mega Bands Per Second
- d. Media Bits Per Second

46. In client server network architecture, which statement is not true?

- a. Secured and reliable network architecture
- b. Data traffic is very high because of broad architecture ☒
- c. It is less expensive architecture
- d. Network controlling and management is easier

47. Which topology is more reliable and secured for a LAN?

- a. Star
- b. Bus
- c. Ring
- d. Mesh ☒

48. What is the correct order of OSI reference model of a computer network from bottom to top?

- a. Physical, datalink, network, transport, session, application and presentation
- b. Physical, datalink, network, transport, presentation, session, and application
- c. Physical, datalink, transport, network, session, presentation and application
- d. Physical, datalink, network, transport, session, presentation and application ☒

## MCQ Question From Chapter ( 1 to 4)

49. Radio broadcast system is an example of transmission.

- a. Simplex ☒
- b. Half-Duplex
- c. Full-Duplex
- d. None of the above

50. Communication between computer and monitor is Transmission.

- a. Simplex ☒
- b. Half-Duplex
- c. Full-Duplex
- d. None of the above

51. Walkie-Talkie communication is an example of transmission.

- a. Simplex
- b. Half-Duplex ☒
- c. Full-Duplex
- d. None of the above

52. Transmission mode in which data can transmit in both directions at the same time.

- a. Simplex
- b. Half-Duplex
- c. Full-Duplex ☒
- d. None of the above

53. Transmission mode in which capacity of transmission medium is shared all the time is

- a. Simplex
- b. Half-Duplex ☒
- c. Full-Duplex
- d. None of the above

54. Computer network within building, campus or nearby building is

- a. LAN ☒
- b. MAN
- c. WAN
- d. PAN

55. Computer network that span countries, continent or the whole world is

- a. LAN
- b. MAN
- c. WAN ☒
- d. PAN

56. Transmission medium that provides the physical conduit from one device to another is

- a. Guided ☒
- b. Unguided
- c. Both A and B
- d. None of the above

57. Wireless medium is also called \_\_\_\_\_ medium.

- a. Guided
- b. Unguided ☒
- c. Unbounded
- d. Both B and C

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58. Transmission medium in which signal transmit in the form of light is

- a. Twisted pair cable
- b. Communication satellite
- c. Coaxial cable
- d. Fiber-optic cable ☒

59. \_\_\_\_\_ cable can transmit data in higher rate than \_\_\_\_\_ cable.

- a. Twisted pair ; coaxial
- b. Coaxial ; Fiber-optic ☒
- c. Coaxial ; Twisted pair
- d. Twisted pair ; Fiber-optic

60. \_\_\_\_\_ media transmit the signal without using physical conductor.

- a. Bounded
- b. Unbounded ☒
- c. Unguided
- d. Both B and C

61. The OSI model consists of \_\_\_\_\_ layers.

- a. 3
- b. 5
- c. 7 ☒
- d. 9

62. The \_\_\_\_\_ layer is closest to transmission medium.

- a. Physical ☒
- b. Data link
- c. Transport
- d. Network

63. The end-to-end delivery of the entire message is the responsibility of \_\_\_\_\_ layer.

- a. Data link
- b. Network
- c. Transport ☒
- d. Presentation

64. The \_\_\_\_\_ layer enables the user to access network.

- a. Presentation
- b. Session
- c. Network
- d. Application ☒

65. In fiber optics, the signal source is

- a. Radio waves
- b. Infrared waves
- c. Light waves ☒
- d. Very low frequency waves



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66. Geosynchronous satellite complete one orbit in

- a. 1 hour
- b. 1 day ☒
- c. 1 month
- d. 1 year

67. \_\_\_\_\_ is a type of transmission impairment in which outside source such as crosstalk corrupts the signal.

- a. Attenuation
- b. Noise ☒
- c. Distortion
- d. Decibel

68. \_\_\_\_\_ is a loss of signal's energy due to the resistance of the medium.

- a. Attenuation ☒
- b. Noise
- c. Distortion
- d. Decibel

69. \_\_\_\_\_ topology uses multipoint connection.

- a. Star
- b. Bus ☒
- c. Ring
- d. Mesh

70. \_\_\_\_\_ topology requires hub or central controller.

- a. Star ☒
- b. Bus
- c. Ring
- d. Mesh

71. Mesh topology with 6 nodes requires

- a. 6
- b. 10
- c. 12
- d. 15 ☒

72. Topology that uses point-to-point connection

- a. Star
- b. Mesh ☒
- c. Ring
- d. All of the above

73. Size of IP address in IPv4 is

- a. 4 Bytes ☒
- b. 8 Bytes
- c. 16 Bytes
- d. None of the above

## MCQ Question From Chapter ( 1 to 4)

74. Size of IP address in IPv6 is

- a. 32 Bits
- b. 64 Bits
- c. 128 Bits ☒
- d. None of the above

75. Size of subnet mask is

- a. 32 Bits ☒
- b. 64 Bits
- c. 128 Bits
- d. None of the above

76. Size of MAC address is

- a. 32 Bits
- b. 48 Bits ☒
- c. 64 Bits
- d. 128 Bits

77. Private LAN/MAN of an organization that is accessible to organizational users only is

- a. Internet
- b. Intranet ☒
- c. Extranet
- d. All of the above

78. Which one is a remote login tool.

- a. LogMeIn
- b. TeamViewer
- c. SplashTop
- d. All of the above ☒

79. \_\_\_\_\_ regenerates an incoming signal before retransmitting it.

- a. HUB
- b. Modem
- c. Repeater ☒
- d. Router

80. Wi-Fi uses \_\_\_\_\_ gigahertz radio bands.

- a. 2.4
- b. 5
- c. Both A and B ☒
- d. None of the above

81. \_\_\_\_\_ command verifies IP-level connectivity to another TCP/IP computer by sending ICMP echo request messages.

- a. Ipconfig
- b. Ping ☒
- c. Both A and B
- d. None of the above

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82. \_\_\_\_\_ command is used to display the basic TCP/IP configuration for all adapters.

- a. Ipconfig ☒
- b. Ping
- c. Both A and B
- d. Decibel

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Chapter 3: Web Technology  
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83. What is the correct syntax for referring to an external JavaScript script?

- a. <script src="myscript.js"></script> ☒
- b. <script href="myscript.js"></script>
- c. <js href="myscript.js"></js>
- d. <js src="myscript.js"></js>

84. Which of the following is the correct way of defining a variable in PHP?

- a. Svariable name = value;
- b. \$variable\_name = value; ☒
- c. Svariable\_name = value
- d. \$variable name as value;

85. JavaScript is ...

- a. Procedural oriented language
- b. Object oriented programming language ☒
- c. Firmware
- d. None of the above

86. Data types in JavaScript are

- a. Primary and secondary
- b. Primitive and non-primitive ☒
- c. Local and universal
- d. None of the above

87. PHP stands for

- a. Hypertext Pre-processor ☒
- b. Program hyper processor
- c. Process hyper program
- d. None of the above

88. concat() is ...

- a. Integer method
- b. String method ☒
- c. Image method
- d. None of the above

89. \_\_\_\_\_ is an identifier whose value may change during the execution of the program.

- a. Constant
- b. Function
- c. Variable ☒
- d. None of the above

## MCQ Question From Chapter ( 1 to 4)

90. Which of the following language is not a web scripting language?

- a. HTML
- b. CSS
- c. JavaScript
- d. C Language ✓

91. Which of the following statement is not true?

- a. HTML is standard language for development of webpages
- b. HTML helps to embed text, graphics, audio, video and animation on webpage
- c. HTML is also used to store database in websites ✓
- d. HTML also defines a link to traverse from one page to another

92. An example of client-side scripting language is

- a. PHP
- b. JSP
- c. ASP
- d. JavaScript ✓

93. JavaScript was originally developed by

- a. Google
- b. Microsoft
- c. Sun Microsystems
- d. Netscape ✓

94. What are the basic three types of data in JavaScript?

- a. Numbers, Strings and Boolean ✓
- b. Numbers, Strings and Bytes
- c. Integer, Character and Boolean
- d. Numbers, Strings and Array

95. Greater than or equal to ( $\geq$ ) is an example of

- a. Assignment
- b. Comparison ✓
- c. Logical
- d. Conditional

96. Which of the following statement is not a type of looping statement?

- a. Do while
- b. For
- c. Switch case ✓
- d. While

97. Which of the following is not an example of object?

- a. Array
- b. String
- c. Image
- d. Number ✓

98. Which of the following statement is not true?

- a. PHP is open-source scripting language
- b. PHP is client-side scripting language ✓
- c. PHP can be integrated with databases like MySQL, Oracle, Sybase and MS SQL Server
- d. PHP syntax is same as C language

## MCQ Question From Chapter ( 1 to 4)

99. What are the two methods of form access?

- a. Get/Post ☒
- b. Give/Take
- c. Input/Output
- d. Set/Get

100. In PHP, in order to access MySQL database you will use:

- a. mysqlconnect() function
- b. mysql-connect() function
- c. mysql\_connect() function ☒
- d. sql\_connect() function

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### Chapter 4: Programming Concepts (C, Functions, Pointers, File Handling)

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101. The \_\_\_\_\_ statement is used to delete a table.

- a. DROP TABLE ☒
- b. DELETE TABLE
- c. DEL TABLE
- d. REMOVE TABLE

102. Which program copies the databases from one server to another?

- a. Mysqldcopydb ☒
- b. Mysqldbcopy
- c. Mysqlflushdb
- d. Mysqldbflush

103. Which among the following have the maximum bytes?

- a. Varchar
- b. Char
- c. Both Varchar and Char
- d. Text Type ☒

104. In C programming, the main() function type is

- a. int ☒
- b. void
- c. float
- d. char

105. Which of the following is not a C data type?

- a. int
- b. float
- c. real ☒
- d. char

106. Pointer is a variable whose value is

- a. Integer
- b. Address ☒
- c. Float
- d. Character

## MCQ Question From Chapter ( 1 to 4)

107. Function returning no value is

- a. void function ☒
- b. int function
- c. main function
- d. char function

108. Which operator is used to access value at the address stored in a pointer?

- a. &
- b. \* ☒
- c. %
- d. ->

109. Which operator is used to find the address of variable?

- a. & ☒
- b. \*
- c. %
- d. ->

110. fopen() is used to

- a. Open file ☒
- b. Create file
- c. Close file
- d. None of the above

111. fclose() is used to

- a. Open file
- b. Close file ☒
- c. Create file
- d. None of the above

112. feof() function is used to

- a. Open file
- b. Check end of file ☒
- c. Close file
- d. None of the above

113. Which of the following is not a loop in C?

- a. for
- b. do-while
- c. while
- d. until ☒

114. Which of the following is a logical operator in C?

- a. && ☒
- b. +
- c. -
- d. \*

115. Which of the following is a conditional operator in C?

- a. &&
- b. ?: ☒
- c. ==
- d. !=

## MCQ Question From Chapter ( 1 to 4)

116. The size of integer data type in C is

- a. 2 bytes
- b. 4 bytes ☒
- c. 8 bytes
- d. 1 byte

117. Array index in C starts with

- a. 0 ☒
- b. 1
- c. -1
- d. None of the above

118. Function with same name but different arguments is called

- a. Overloading ☒
- b. Overriding
- c. Recursion
- d. None of the above

119. Recursion is a process in which function calls

- a. Another function
- b. Itself ☒
- c. Main function
- d. Library function

120. The output of `printf("%d", sizeof(char));` is

- a. 1 ☒
- b. 2
- c. 4
- d. Depends on compiler

121. The output of `printf("%d", sizeof(int));` is

- a. 1
- b. 2
- c. 4 ☒
- d. 8

122. The output of `printf("%d", sizeof(float));` is

- a. 2
- b. 4 ☒
- c. 8
- d. Depends on compiler

123. Which of the following function can convert string to integer?

- a. itoa
- b. atoi ☒
- c. atol
- d. atof

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124. Which function is used to copy one string to another?

- a. strcpy ☒
- b. strcat
- c. strcmp
- d. strrev

125. Which function is used to compare two strings?

- a. strcpy
- b. strcat
- c. strcmp ☒
- d. strrev

126. Which function is used to concatenate two strings?

- a. strcpy
- b. strcat ☒
- c. strcmp
- d. strrev

127. Which function returns the length of string?

- a. strlen ☒
- b. strcat
- c. strcpy
- d. strcmp

128. Which of the following is not a storage class in C?

- a. auto
- b. register
- c. static
- d. inline ☒

129. Which operator is used to access members of structure through pointer?

- a. .
- b. -> ☒
- c. &
- d. \*

130. Which of the following is used to define a macro?

- a. #define ☒
- b. #include
- c. #macro
- d. #header

131. Which of the following is not valid identifier in C?

- a. \_var1
- b. var\_2
- c. 2var ☒
- d. var3

132. Which of the following is correct about C language?

- a. High level language ☒
- b. Assembly language
- c. Low level language
- d. Machine language



## MCQ Question From Chapter ( 1 to 4)

133. Which of the following is correct statement about pointer?

- a. Pointer stores the value of variable
- b. Pointer stores the address of variable ☒
- c. Pointer stores the type of variable
- d. Pointer stores the size of variable

134. Which of the following cannot be stored in a pointer?

- a. int
- b. float
- c. double
- d. string ☒

135. Which of the following header file is necessary to perform file operation in C?

- a. stdio.h ☒
- b. stdlib.h
- c. string.h
- d. conio.h

136. Which of the following header file is necessary to perform memory allocation?

- a. stdio.h
- b. stdlib.h ☒
- c. string.h
- d. conio.h

137. Which of the following is not a keyword in C?

- a. return
- b. main ☒
- c. break
- d. switch

138. Which of the following is a bitwise operator?

- a. &&
- b. ||
- c. << ☒
- d. !=

139. The output of printf("%c", 65); is

- a. 65
- b. A ☒
- c. a
- d. None of the above

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140. What is the output of C program?

```
void main() {  
    int b = 25;  
    int *p;  
    p = &b;  
    printf("%d %d", &b, p);  
}
```

- a. 25 25
- b. 1234 1234
- c. 25 1234 ☒
- d. 1234 25

141. \_\_\_\_\_ is a reserved word that has standard and predefined meanings in C.

- a. Variable
- b. Identifier
- c. Keyword ☒
- d. None of the above

142. \_\_\_\_\_ is a quantity that doesn't change during program execution.

- a. Variable
- b. Constant ☒
- c. Data type
- d. None of the above

143. \_\_\_\_\_ is a symbolic name, which is used to store different types of data in the computer's memory and may change during the program execution.

- a. Variable ☒
- b. Constant
- c. Identifier
- d. None of the above

144. \_\_\_\_\_ is a symbol that instructs C to perform some operation or action on one or more operands.

- a. Operand
- b. Operation
- c. Operator ☒
- d. None of the above

145. \_\_\_\_\_ is something that an operator acts on.

- a. Operand ☒
- b. Operation
- c. Operator
- d. None of the above

## MCQ Question From Chapter ( 1 to 4)

146. Which of the following is used to terminate a statement in C?

- a. .
- b. :
- c. ; ☒
- d. ,

147. Which of the following is the correct way to declare a pointer?

- a. int \*p; ☒
- b. int &p;
- c. int p\*;
- d. int p&;

148. Which of the following is not a looping statement?

- a. for
- b. while
- c. do-while
- d. repeat ☒

149. Which of the following function can convert integer to string?

- a. itoa ☒
- b. atoi
- c. atof
- d. atol

150. Which of the following file mode is used to read and write a file?

- a. r
- b. w
- c. r+ ☒
- d. a

151. Which of the following function reads single character from file?

- a. fgetc ☒
- b. fgets
- c. fscanf
- d. getc

152. Which of the following function writes a single character to a file?

- a. fputc ☒
- b. fputs
- c. fprintf
- d. putc

153. Which function is used to read a line from a file?

- a. fgets ☒
- b. fscanf
- c. fgetc
- d. getc

154. Which function is used to write a line to a file?

- a. fputc
- b. fputs ☒
- c. fprintf
- d. putc

## MCQ Question From Chapter ( 1 to 4)

155. What is the default return type of main() in C?

- a. void
- b. int ☒
- c. float
- d. char

156. Which of the following is used to ignore the rest of the loop and continue the next iteration?

- a. break
- b. continue ☒
- c. exit
- d. return

157. Which of the following is used to terminate the loop entirely?

- a. break ☒
- b. continue
- c. exit
- d. return

158. Which of the following is the correct syntax for if-else statement?

- a. if (condition) {...} else {...} ☒
- b. if condition {...} else {...}
- c. if (condition) else {...}
- d. if (condition) {...} else

159. Which of the following is correct about switch statement?

- a. It can only test integer and character types ☒
- b. It can test floating point numbers
- c. It can test strings
- d. It can test arrays

160. Which of the following is correct about break statement?

- a. Break terminates the loop ☒
- b. Break skips the current iteration
- c. Break returns a value
- d. Break is used in functions

161. Which of the following is correct about continue statement?

- a. Terminates the loop
- b. Skips current iteration ☒
- c. Returns a value
- d. Terminates program

162. Which of the following is correct about recursion?

- a. Function calling itself ☒
- b. Function calling another function
- c. Function returns value
- d. Function terminates program

## MCQ Question From Chapter ( 1 to 4)

163. Which of the following is correct about structure in C?

- a. Structure is a collection of different data types ☒
- b. Structure can only contain integers
- c. Structure can contain arrays only
- d. Structure can only contain characters

164. Which operator is used to access members of structure?

- a. . ☒
- b. ->
- c. &
- d. \*

165. Which operator is used to access members of structure through pointer?

- a. .
- b. -> ☒
- c. &
- d. \*

166. Which of the following is correct about union?

- a. Union can store only one member at a time ☒
- b. Union can store all members at a time
- c. Union can store none
- d. Union can store fixed values only

167. Which of the following is correct about typedef?

- a. Used to define constants
- b. Used to define new type name ☒
- c. Used to define functions
- d. Used to define variables

168. Which of the following is correct about enum?

- a. Used to define constants ☒
- b. Used to define variables
- c. Used to define pointer
- d. Used to define arrays

169. Which of the following is correct about array?

- a. Collection of variables of same type ☒
- b. Collection of variables of different type
- c. Collection of functions
- d. Collection of pointers

170. Which of the following is the correct way to declare an array of 10 integers?

- a. `int arr[10];` ☒
- b. `int arr;`
- c. `int arr();`
- d. `int arr{};`

171. Which of the following is correct about pointer arithmetic?

- a. Pointers can be added or subtracted ☒
- b. Pointers cannot be added or subtracted
- c. Pointers can only be multiplied
- d. Pointers cannot be compared

## MCQ Question From Chapter ( 1 to 4)

172. Which of the following is correct about memory allocation functions?

- a. malloc() ☒
- b. calloc() ☒
- c. realloc() ☒
- d. free() ☒

173. Which of the following is correct about dynamic memory?

- a. Memory allocated during compile time
- b. Memory allocated during runtime ☒
- c. Memory is static
- d. Memory cannot be allocated

174. Which of the following is correct about pointer to pointer?

- a. Pointer stores address of variable
- b. Pointer to pointer stores address of pointer ☒
- c. Pointer stores value of pointer
- d. Pointer to pointer stores value

175. Which of the following is correct about const pointer?

- a. Pointer value can change
- b. Pointer address cannot change ☒
- c. Pointer and value cannot change
- d. None of the above

176. Which of the following is correct about void pointer?

- a. Pointer without type ☒
- b. Pointer to integer
- c. Pointer to char
- d. Pointer to float

177. Which of the following is correct about file pointer?

- a. Pointer used to access file ☒
- b. Pointer used to access memory
- c. Pointer used to access array
- d. Pointer used to access string

178. Which of the following is correct about standard file I/O in C?

- a. stdin, stdout, stderr ☒
- b. filein, fileout, fileerr
- c. stdread, stdwrite, stderrror
- d. None of the above

179. Which of the following is correct about fprintf()?

- a. Writes formatted data to console
- b. Writes formatted data to file ☒
- c. Writes unformatted data
- d. Reads formatted data

## MCQ Question From Chapter ( 1 to 4)

180. Which of the following is correct about fscanf()?

- a. Reads formatted data from console
- b. Reads formatted data from file ✓
- c. Reads unformatted data
- d. Writes formatted data

181. Which of the following is correct about feof()?

- a. Returns true if end of file reached ✓
- b. Returns false if end of file reached
- c. Reads character from file
- d. Writes character to file

182. Which of the following is correct about fseek()?

- a. Moves file pointer to desired location ✓
- b. Reads data from file
- c. Writes data to file
- d. Closes file

183. Which of the following is correct about rewind()?

- a. Moves file pointer to beginning ✓
- b. Moves file pointer to end
- c. Moves file pointer to middle
- d. Closes file

184. Which of the following is correct about ftell()?

- a. Returns current file pointer position ✓
- b. Sets current file pointer position
- c. Reads data from file
- d. Writes data to file

185. Which of the following is correct about binary file mode?

- a. Reads and writes text
- b. Reads and writes binary data ✓
- c. Reads only text
- d. Writes only text

186. Which of the following is correct about text file mode?

- a. Reads and writes binary data
- b. Reads and writes text ✓
- c. Reads only binary
- d. Writes only binary

187. Which of the following is correct about fclose()?


- a. Opens file
- b. Closes file ✓
- c. Reads file
- d. Writes file

188. Which of the following is correct about fflush()?

- a. Clears input/output buffer ✓
- b. Reads data
- c. Writes data
- d. Closes file

MCQ Question From Chapter ( 1 to 4)

189. Which of the following is correct about temporary file?

- a. File deleted automatically after program ends 
- b. File never deleted
- c. File deleted manually
- d. File stored in permanent storage