



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22
Programme – Master of Science in Mathematics
Course Name – Computer Programming
Course Code - MSCM(CS)201
(Semester II)

Time allotted : 1 Hrs.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following :

- (1) What is the size of data type float in byte/s?

a) 1	b) 2
c) 3	d) 4
- (2) Which of the following specifier is used for float?

a) %d	b) %f
c) %c	d) %a
- (3) Which of the following is a primary memory?

a) RAM	b) Hard Disk
c) Pendrive	d) CD
- (4) Arithmetic Logic Unit is a part of

a) Memory	b) Central Processing Unit
c) Input device	d) Output device
- (5) ASCII value of Y is

a) 122	b) 121
c) 90	d) 89
- (6) Which of the following is ternary operator?

a) +	b) =
c) >	d) ? :
- (7) Which of the following is assignment operator?

a) +	b) =
c) >	d) ? :
- (8) Which of the following is binary operator?

- a) +
- b) -
- c) *
- d) All of these

(9) Which of the following is logical operator?

- a) &
- b) &&
- c) >>
- d) <<

(10) Which of the following is not correct?

- a) int name;
- b) int Name;
- c) int name123;
- d) int 123name;

(11) Priority of operators defines -

- a) which operator will evaluated first
- b) which operator will evaluated last
- c) which operator will not evaluated at all
- d) None of these

(12) Which of the following is a way of associativity in C?

- a) top to bottom
- b) left to right
- c) bottom to top
- d) All of these

(13) Which of the following has lowest precedence?

- a) ++
- b) +
- c) %
- d) ||

(14) C is a language.

- a) low level
- b) high level
- c) machine level
- d) assembly

(15) stdio in header file stands for

- a) standard input output
- b) standard image output
- c) standard input out
- d) standard in out

(16) Which of the following is not a keyword in C?

- a) int
- b) float
- c) main
- d) function

(17) An ampersand (&) used before a variable denotes

- a) name
- b) data type
- c) value
- d) address

(18) Expression x+=5 means

- a) x=x+x
- b) x=x+5
- c) x+5
- d) x+5=x

(19) % operator can be applied to

- a) integer values only
- b) float values only
- c) double values only
- d) All of these

(20) & is operator.

- a) relational
- b) bit wise
- c) logical
- d) None of these

(21) ++x is operator.

- a) pre increment
- b) post increment
- c) pre decrement
- d) post decrement

(22) t-- is operator.

- a) copy string
c) delete string
- b) comparing strings
d) concat strings
- (37) strlen() function used in string for
- a) copy string
c) finding length
- b) comparing strings
d) append strings
- (38) Which of the following is exit controlled loop?
- a) while
c) do-while
- b) for
d) All of these
- (39) Which of the following is unconditional control structure?
- a) if-else
c) do-while
- b) else-if
d) goto
- (40) continue keyword cannot be used with/in
- a) for loop
c) while loop
- b) switch-case
d) do-while loop
- (41) break keyword can be used with/in
- a) for loop
c) do-while loop
- b) while loop
d) All of these
- (42) Which of the following best defines the use of continue keyword?
- a) Terminate the loop
c) Terminate the current iteration and move to next iteration
- b) Terminate the program
d) Restart iteration from the very first iteration
- (43) Which of the following best defines the use of break keyword?
- a) End the loop when encountered
c) Terminate the program
- b) Skip the current iteration and move to next iteration
d) All of these
- (44) Size of a 1D array (in bytes) is calculated as
- a) Size of data type
c) Number of elements
- b) Size of data type * size of an array
d) Size of data type + size of an array
- (45) Which of the following data type is not allowed as expression for switch-case?
- a) int
c) float
- b) char
d) All of these
- (46) Which of the following is best suited for executing statements first then checking condition?
- a) do-while loop
c) while loop
- b) for loop
d) None of these
- (47) else block is associated with if block.
- a) sometimes
c) not always
- b) always
d) depends
- (48) The scope of if statement is (without any braces)
- a) first statement after if
c) second statement after if
- b) all the statements after if
d) first two statements after if
- (49) What is the output of the following code? #include void main(){ if(5); printf("right"); }

- a) compilation error
c) right
- b) no error but no output
d) 5
- (50) What is the output of the following code? `#include void main(){ if(5) printf("right"); else printf("wrong"); }`
- a) compilation error
c) 5
- b) right
d) wrong
- (51) Find the value of Y if X=5? (`Y=X>3?1:0`)
- a) 0
c) 3
- b) 1
d) 5
- (52) What is the output of the following code? `#include void main(){ char ch='A'; printf("%c",ch); }`
- a) a
c) 65
- b) A
d) 97
- (53) What is the output of the following code? `#include void main(){ int x=5; x+=2; printf("%d",x); }`
- a) 7
c) 3
- b) 5
d) 2
- (54) What is the output of the following code? `#include void main(){ int x=2,y; y=x++; printf("%d%d",x,y); }`
- a) 32
c) 33
- b) 23
d) 22
- (55) ASCII value of '\0' used in string is
- a) 3
c) 1
- b) 2
d) 0
- (56) MATLAB stands for?
- a) matrix laboratory
c) MATrix LABoratory
- b) Matrix Laboratory
d) None of these
- (57) Which command is used to clear a command window?
- a) Clear
c) clc
- b) close all
d) clear all
- (58) What are the characters in MATLAB are represented in their value in memory?
- a) Decimal
c) Hex
- b) ASCII
d) String
- (59) What does MATLAB consist of?
- a) MATLAB Language
c) Handle Graphics
- b) MATLAB working environment
d) All of the above
- (60) What are the types of loops does MATLAB provides?
- a) While loop
c) Not Supported
- b) For loop
d) Both a and b