

Half Yearly Examination 2025-26

Class - VIII

Subject – Computer

Time : 2.30 hrs.

M.M.- 80

Instruction :

1. Please do not write anything on your question paper.
2. Do not copy the question on your answer script, write the correct question number only.
3. Answer must be written in neat and legible handwriting.
4. First 15 minute have been allotted for reading question paper. Do not write anything meanwhile.

Section – A

Q. 1. Write the correct answer.

[15]

- (1) An algorithm should involve number of steps to reach a solution.
(i) Finite (ii) Infinite (iii) Maximum (iv) Minimum
- (2) allows flowchart to be drawn without intersecting lines or a reverse flow.
(i) Flow lines (ii) Connector (iii) Start/Stop (iv) Processing
- (3) describes the aim/purpose and content of the chart.
(i) Plot Area (ii) Gridlines (iii) Chart Title (iv) None of these
- (4) shows trends in data at equal intervals.
(i) Line chart (ii) Area chart (iii) Pie chart (iv) Bar chart
- (5) An must be either used between two values or the two cell addresses.
(i) Input (ii) Operator (iii) Excel (iv) Output
- (6)returns the current system date and time.
(i) Today () (ii) Now () (iii) Max (range) (iv) Min (range)
- (7) is an operating system.
(i) Linux (ii) Word (iii) Excel (iv) Power Point
- (8) includes many computers placed in different geographical areas connected to each other through a network.
(i) Modem (ii) RTOS (iii) Distributed Operating System (iv) Both (i) and (ii)
- (9) is used to evaluate an expression and result in true or false.
(i) input/Output (ii) Connector (iii) January 1998 (iv) Flow lines
- (10) Java is developed in
- (i) January 1997 (ii) January 1996 (iii) January 1998 (iv) January 1896
- (11) is a mechanism by which one class acquires the properties of another class.
(i) Encapsulation (ii) Inheritance (iii) Abstraction (iv) None of these
- (12) is used to carry out processes like calculation and assigning values.
(i) Processing Box (ii) Decision Box (iii) Input/Output Box (iv) Start Box
- (13) A set of instruction given to a computer in a computer language is known as a
- (i) Hardware (ii) Program (iii) Operating system (iv) Oracle
- (14)operating system are used when the time span required to execute an instruction based on a input is time-bound.
(i) RTOS (ii) Multiuser (iii) Single User (iv) Modem

(15) An absolute reference in Excel means that the reference is

- (i) Open (ii) Locked (iii) Default (iv) Unlocked

Q. 2. Fill in the blanks.

[5]

- (a) are the names given to different parts of a program.
 (b) An algorithm is a set of steps written in manner.
 (c) chart is a unique version of a line or column graph.
 (d) Unix is a operating system.
 (e) The function returns the number of values in a selected range of cells.

Q. 3. Answer in one word:

[5]

- (a) Which user interface uses only the keyboard ?
 (b) What symbol must a formula in excel always begin with ?
 (c) Which function key is used for creating charts in excel ?
 (d) Name the smallest functional unit of the java program.
 (e) What is the full form of POP ?

Section – B

Q.4(a) Write a Java program to assign two numbers with values 10 and 12 and print the sum of two numbers. [5]

(b) Draw a flowchart to enter three angles and check whether a triangle is possible or not. [Hing : - Sum of three angles = 180 degrees] [5]

Q. 5. Answer the following questions.

[18]

- (1) Write the features of OOPs.
 (2) Mention any two advantages and two disadvantages of flowchart.
 (3) Write the steps to resize a chart in MS Excel.
 (4) Write down the steps to delete a worksheet in MS Excel.
 (5) Name the types of cell referencing in MS Excel.
 (6) Write the explain any three functions of an operating system.

Q. 6. Write short notes [Any two].

[4]

- (a) Algorithm (b) Pie Chart (c) Object and class

Q. 7. Write the difference in between [Any one].

[3]

- (a) Embedded charts and chart sheets. (b) Multiuser and multitasking Operating System

Q. 8. Project, Practical and Viva

[20]