

Instructions:

Read the question paper carefully. Write neatly and legibly. Do not over write. Pay special attention to spelling. Read the answers before submitting the answer sheet

I. Choose the correct answer:-

15] 5

1. ___ topology does not use switches or repeaters.
(a) Bus (b) Cut
(c) Ring (d) Chain
2. Choose the odd one
(a) BUS (b) Tree
(c) Star (d) CAN
3. The process of software development is called the _____.
(a) CDLC (b) SDCL
(c) SDLC (d) SCDL
4. Which is the outline colour of an object?
(a) Stroke color (b) Stroke Height
(c) Stroke Style (d) Fill color
5. In ___ topology, each workstation is connected to a central switch.
(a) Tree (b) Star
(c) Ring (d) Bus
6. The ___ statement can be used to check whether a given year is leap year or not.
(a) if (b) whether
(c) Goto (d) if else
7. Many computers are connected to one computer which work as a _____.
(a) HUB (b) Server
(c) PDA (d) None of the above
8. ___ is a data type in java.
(a) long (b) tall
(c) Not (d) variable
9. Choose the odd one
(a) Assignment (b) Relational
(c) Keyword (d) Logical
10. How many options are there in Free Transform Tool?
(a) One (b) Two
(c) Three (d) Four

5 Write the name of following Operators (complete the given table)

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Symbols of Operator	Name of Operator
&&	
!	
%	

VI. Do as directed

1. Write the full form of the following:-

- SDLC
- PAN
- JVM
- LAN

[2]

2. Write Syntax for

- if-else statement
- A simple java program

[2] 2

VII. Write java programs for the following (any two)

- To check whether the given number is even or odd
- To assign the age of the user and check whether the user is valid to vote or not.
- Write a java program to enter average marks of a student and print "pass with honours" if it is greater than 75, else print "pass".

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VIII. Very Short Answer Questions

- What is color palette used for?
- Give one disadvantage of Ring topology.
- Write the names of any two biggest App stores.
- Which statement is used to check one condition at a time?
- Give an example of a double data type.

[5] 5

IX. Short Answer Questions: -

- List the two types of comments in java.
- Mention any two real life situations where you would use the if statement.
- Write a short note on web apps.
- What are the advantages of Networking?
- What is Lasso Tool?

[10]

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X. Long Answer Question: - (any 5)

1. Write a note on java compilation.
2. What are the equipments required for networking?
3. What are identifiers? What are the rules to form identifiers in java?
4. Write the uses of any four commonly known apps?
5. What is Topology? Write its types.
6. Explain Brush Tool.

XI. Practical

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