

**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:-**

[10]

1. How many options are there in Free Transform Tool?  
(a) One (b) Two  
(c) Three (d) Four
2. \_\_\_ topology does not use switches or repeaters.  
(a) Bus (b) Car  
(c) Ring (d) Chain
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. Choose the odd one  
(a) BUS (b) Tree  
(c) Star (d) CAN
9. \_\_\_ is a data type in java.  
(a) long (b) tall  
(c) Not (d) variable
10. Choose the odd one  
(a) Assignment (b) Relational  
(c) Keyword (d) Logical

## II. Fill in the blanks

1. Title bar displays the \_\_\_ of the open file.
2. A area covered by CAN is larger than a LAN but smaller than a \_\_\_.
3. Networking is a better solution to deliver \_\_\_ at a fast speed.
4. Google Play is an international online software store for \_\_\_ devices.
5. \_\_\_ is the process of working out the bugs in your app.
6. \_\_\_ are the reserved words in java.
7. Programs store and \_\_\_ data.
8. Co-axial and Fiber optics are types of \_\_\_
9. System. \_\_\_.println
10. Stroke height displays the \_\_\_ of the stroke.

[10]

## III. State True or False

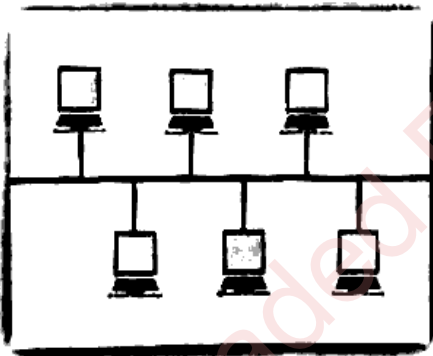
1. The selection Tool has three common modes.
2. Twisted pair cable is like a TV cable wire.
3. Native apps are developed for a single mobile operating system.
4. <= is an example of logical operators in java.
5. 12 is an example of float data type in java.

[5]

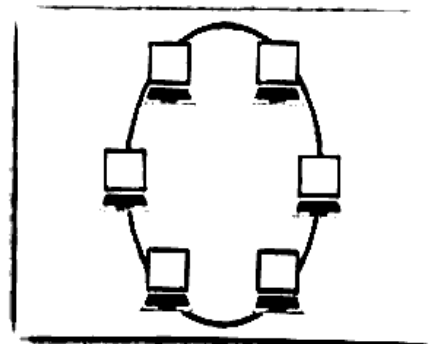
## IV. Write the name of topology for the following: -

[4]

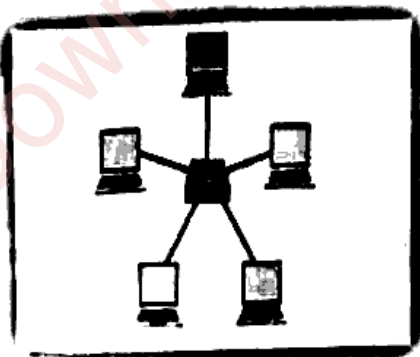
(1)



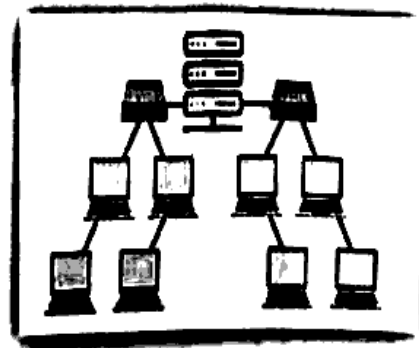
(2)



(3)



(4)



## V. Do as directed

### 1. Write the full form of the following:-

- SDLC
- JVM
- PAN
- API

[6]

### 2. Write Syntax for

- if-else statement
- Writing a simple java program

## VI. Write java programs for the following (any two)

[10]

- To assign two numbers and calculate their sum.
- 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".

## VII. Very Short Answer Questions

[5]

- 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.

## VIII. Short Answer Questions: -

[10]

- List the two types of comments in java.
- Mention any two real life situation where you would use the if statement.
- Write a short note on web apps.
- Name two commands used in computer networking.
- What is Lasso Tool?

## IX. Long Answer Question: - (any 5)

[20]

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

## X. Practical

[20]

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