

**GREENLAWNS HIGH SCHOOL
COMPUTER SCIENCE
FINAL EXAMINATION**

**STD : 8 A/B/C
TIME : 2 HOURS**

MARKS : 80

NOTE :

- **ALL THE ANSWERS ON THE ANSWER SHEET. NO NEED TO COPY THE QUESTIONS**

I. A. Multiple Choice Questions : (15 MARKS)

1. Android operating system is based on:

- a) Unix
- b) Windows
- c) Linux
- d) DOS

2. Native apps are developed for:

- a) All platforms
- b) Only browsers
- c) A single platform
- d) Servers only

3. JVM stands for ____.

- a) Java Variable Machine
- b) Java Virtual Machine
- c) Java Visual Machine
- d) Joint Virtual Machine

4. Web apps require:

- a) No internet
- b) Browser to run
- c) High storage
- d) SDK only

5. Java follows ____ principle.

- a) Write once run anywhere
- b) Write many run once
- c) Write once run once
- d) Write anywhere run anywhere

6. Which is an example of a Hybrid App framework?

- a) Android Studio**
- b) React Native**
- c) Xcode**
- d) Windows OS**

7. An application (App) is:

- a) Hardware device**
- b) Programming language**
- c) Operating system**
- d) Special software to perform specific tasks**

8. Which of the following is an example of a network service?

- a) Calculator**
- b) Facebook**
- c) Paint**
- d) Notepad**

9. Which of the following is a keyword?

- a) Sum**
- b) Test**
- c) public**
- d) Name123**

10. Which of the following is NOT a need of networks?

- a) File sharing**
- b) Hardware sharing**
- c) Application sharing**
- d) Formatting computer**

11. An object is a ____.

- a) Program**
- b) Real world entity**
- c) Compiler**
- d) Operator**

12. Intranet is used ____.

- a) Within an organization**
- b) Worldwide**

- c) In schools only
- d) For gaming

13. Which device connects many computers in a network?

- a) Modem
- b) Hub
- c) Printer
- d) Switch

14. Which of the following is NOT an OOP concept?

- a) Inheritance
- b) Compilation
- c) Encapsulation
- d) Polymorphism

15. HTTP is used to ____.

- a) Send emails
- b) Transfer files
- c) Access websites
- d) Secure payments

B. WRITE THE FULL FORMS OF :

(5 MARKS)

- a) OHA
- b) SDK
- c) SMTP
- d) IDE
- e) https

II. A. NAME THE FOLLOWING :

(10 MARKS)

1. Technique of converting digital signal to analog
2. The essential component needed to see the result of a solution
3. Device that connects dissimilar networks
4. Tokens that do not change their value
5. Website providing links to other websites
6. Group of characters enclosed in double quotes
7. Set of rules for communication on internet
8. Statement used to display output with new line
9. Unique address of a website
10. Operating system developed by Apple

**B. State whether True or False. If False, correct the underlined word
(5 MARKS)**

- a) In a network, the person or device that receives signals is called the sender
- b) MAN is larger than LAN but smaller than WAN.
- c) JAVA is a procedure-oriented programming language
- d) Objective-C is one of the programming languages used to develop iOS apps.
- e) Identifiers must start with a digit

**C. Categorize each application under suitable description below :
(5 MARKS)**

Google Duo, Facebook, Google Play, Twitter, Youtube

- 1. It is used for video calling _____
- 2. It is used for messaging and sharing views _____
- 3. It is used to download apps for smartphones _____
- 4. It is used to play online videos _____
- 5. It is a very popular social networking application _____

III. A. Write the Java program with print and println (10 MARKS)

a) Output :

**

*

b) Output :

My name – Snehal

Class – 5

Div - A

B. Identify and name the constant :

(5 MARKS)

- a) "Rahul"
- b) '5'
- c) True
- d) -78.25
- e) -63

C. Identify and name the token :

(5 MARKS)

- a) while
- b) ()
- c) name
- d) *
- e) void

IV. ANSWER THE FOLLOWING :

A. Explain any 3 concepts of OOP

(3 MARKS)

B. Write any 3 features of LAN

(3 MARKS)

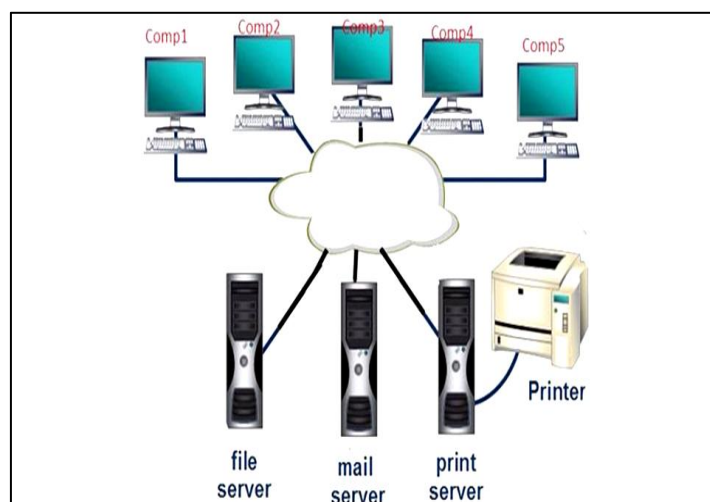
C. What are the last 3 steps in the development of simple apps

(3 MARKS)

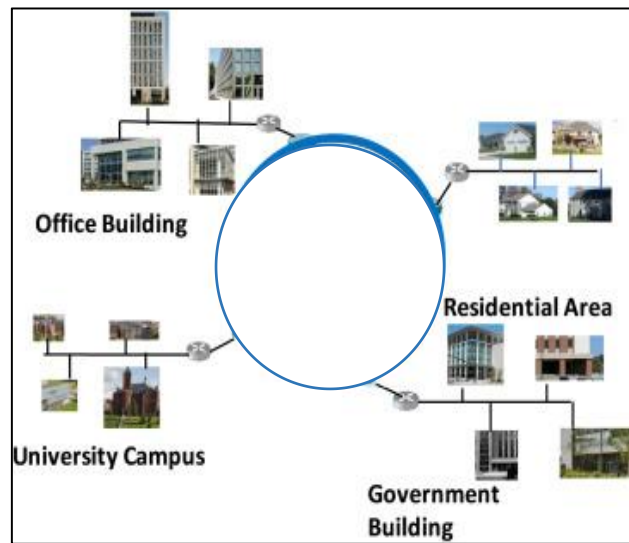
D. Identify the network

(3 MARKS)

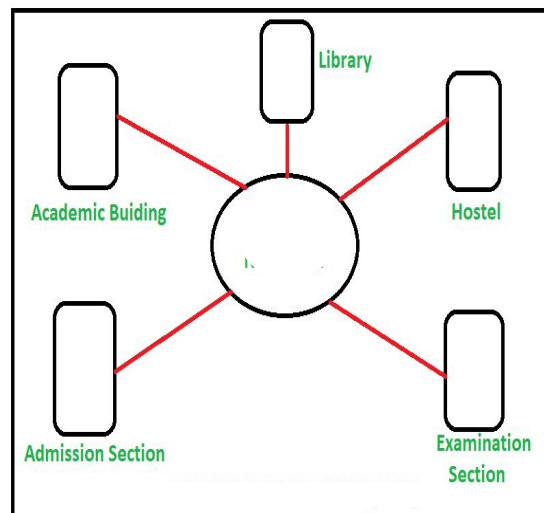
1.



2.



3.



E. DEFINE :

(5 MARKS)

- a) Post Office Protocol
- b) Application
- c) Program
- d) Cloud computing
- e) Modularity Programming

F. Name six separators or punctuators

(3 MARKS)

_____ ALL THE BEST _____