Sample Question Paper 2023-24
Class 12
Subject- Computer

Time- 3 Hours 15 minutes   M.M.- 60

Note: The first 15 minutes are allotted for the candidates to read the question paper. Direction: Answer all the questions.

i. Multiple Choice Questions-   5x1=5

1. Where are data and functions declared in OOP?
    (a) In Class   (b) In Object   (c) In main function   (d) Anywhere.
2. Which of the following does Java Interpreter convert into machine code?
    (a) User code   (b) Bit code   (c) Bite code   (d) Machine code
3. Which among the following is not related to AI? –
    (a) Computer games (b) Expert System   (c) E- commerce   (d) robot
4. Which of these is a robot called aircraft?
    (a) UAV drone   (b) mobile   (c) helicopter   (d) airplane
5. Who among these are the inventors of Java?
    (a) Fleming   (b) James Gosling   (c) Balaguru Swami   (d) Dennis Ritchie

ii. Answer the following questions in one word/ sentence.
    (a) Write the full name of OOP.   5x1=5
    (b) What is the main function of JVM?
    (c) Which organization developed the Indian robot named Vyommitra?
    (d) What is PUMA in the context of robotics?
    (e) Write the formal name of the drone.

iii. Answer the following questions -   5x2=10
    (a) What is a drone? How does it works ?
    (b) What are Class and Object?
    (c) What are interpreters in JAVA?
    (d) Mention two differences between robots and humans.
    (e) What is JAVA language used for? What is AWT? Mention two of its
        qualities.Write the (formal) name.

4. Answer the following questions
    (a) What are JDK, JRE and JVM in JAVA? Describe.   5x3=15
    (b) What is a robot? Write their main characteristics.
    (c) What do you understand by public, private and protected members of the
        class?
    (d) What are Methods? What are the two methods in Java?
    (e) What is Encapsulation? Give examples.

5. Answer any five of the following questions.   5x5=25