

OBJECT ORIENTED PROGRAMMING USING JAVA

[Maximum

Time : 2:30 Hours]

NOTES :

- i) Attempt all questions.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is a difference in Hindi Translation of any question, the students should answer the question according to the Hindi version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Answer any two of the following

- a) What do you mean by OOP? Explain OOP concepts.
- b) What are the different types of operators used in Java?
- c) Explain switch statement with example.

Q2) Answer any two of the following :

- a) What are constructors? Explain different types of constructors in Java.
- b) Explain about private, public and protected access control.
- c) How to import a package? Explain with example.

Q3) Answer any two of the following:

- a) What is an interface? List the rules to create an interface in Java with example.
- b) What is polymorphism? Discuss its types.
- c) What is multiple inheritance and how to perform it in Java?

Q4) Answer any two of following:

- a) List Java's Built-in Exception. Write the importance of finally block.
- b) What is exception? Explain the types of exception handling techniques in java.
- c) What is the difference between multitasking and multithreading?

Q5) Write short notes on any two of the following:

- a) Thread priority.
- b) Encapsulation.
- c) Abstract class.