N.B.

1) Attempt any **FOUR** questions from Section – I and any **TWO** questions from Section – II.
2) Figures to the right indicate **FULL** marks.
3) Answers to both the sections should be written in SAME answer book.

SECTION – I

Q.1 Explain various features of Object Oriented Programming language. **(10)**

Q.2 Explain various flow control statements used in Java with the help of examples. **(10)**

Q.3 Differentiate between interface and abstract class. **(10)**

Q.4 How event based programming is done in Java? Explain with the help of an example. **(10)**

Q.5 Explain Applet life cycle in detail. **(10)**

Q.6 Write short notes on any **TWO** of the following: **(10)**
a) JDK environment
b) Data types in Java
c) Exception
d) Finalization

SECTION – II

Q.7 Define an applet. Create an applet to draw human face using rectangle, lines and oval. **(15)**

Q.8 What is purpose of Java swing? Explain any four controls in swing. **(15)**

Q.9 What is thread? Explain concepts of thread priorities and synchronization. **(15)**

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