



VI Semester B.A./B.Sc. Examination, May 2017  
(Semester Scheme) (2015-16 Only) (Repeaters)  
COMPUTER SCIENCE - VII  
Object Oriented Programming Using Java

Time : 3 Hours

Max. Marks : 70

**Instruction** : Answer *all* the Sections.

SECTION - A

(2×10=20)

Answer **any ten** questions. **Each** carries 2 marks.

1. What is internet ?
2. What is JVM ? Explain.
3. Define class and object.
4. What is byte code ?
5. Write the syntax for switch-case statement.
6. What is meant by wrapper class ?
7. What is the use of final keyword ?
8. How to declare comments in java ?
9. What is meant by thread ?
10. Mention any two differences between interface and class.
11. What is an error and exception ?
12. What is meant by stream ? What are the different types of streams ?

P.T.O.



## SECTION - B

Answer **all** the questions. **Each** question carries **ten** marks.

(10×5=50)

13. a) Explain features of JAVA.  
b) Write any five differences between JAVA and C.

OR

- a) Explain different looping statements in java.  
b) Explain different operators in java.

14. a) What is constructor ? Explain different types of constructors.  
b) Explain method overloading with an example program.

OR

- a) Explain scope of variables.  
b) Explain different types of access specifiers in java.

15. a) Explain super keyword with an example.  
b) Explain this keyword with an example.

OR

- a) What is an array ? How to declare and initialize ? What are the different dimensions of an array ?  
b) What is meant by vector ? What are the different vector methods ?

16. a) How to implement multiple inheritance using interface ? Explain.  
b) Define package. What are different java API packages ?

OR

- a) What is thread and explain thread life cycle.  
b) What are the different thread priorities ?

17. a) What is an applet ? Explain applet life cycle.  
b) Write a program to implement keyboard events.

OR

- a) Explain how to handle exceptions in java.  
b) What is the use of finally statement ? Explain.