

(B) Explain :-

- (i) throw
- (ii) throws
- (iii) finally.

6

9. (A) Create an Applet to display following on Applet Area



6

- (B) Write procedure to create menus in Java. 6

OR

10. (A) Create an applet to display the message "Hello World" on the applet area. 6

(B) Explain :-

- (i) Button class
- (ii) Text area
- (iii) Label.

6

AP - 558

Fifth Semester B. C. A. (Part - III) Examination

CORE JAVA

Paper - 5 ST 1

P. Pages : 4

Time : Three Hours]

[Max. Marks : 60

- Note :** (1) All questions are compulsory.
 (2) All questions carry equal marks.
 (3) Use suitable data wherever necessary.

1. (A) What is JVM ? Explain. 3
- (B) What are the primitive data types of Java ? Explain. 3
- (C) Write a program to display following pattern using string class :—
- S
- SG
- SGB
- SGBA
- SGBAU 6

OR

2. (A) Write a program to display following pattern using command line argument.

1

0 1

0 1 0

1 0 1 0

1 0 1 0 1

6

- (B) What is type casting ? Explain. 3

- (C) How strings are handled in Java ? Explain. 3

3. (A) How constructor calling is done in an Inheritance ? Explain. 6

- (B) Explain :—

(i) Sub class

(ii) Super class. 6

OR

4. (A) Explain :—

(i) Abstract class

(ii) this keyword. 6

- (B) How data members of an object can be initialised ? Explain with example. 6

5. (A) What are Interfaces ? Explain. 6

- (B) Write procedure to create user defined package. 6

OR

6. (A) State and explain the difference between a class and Interface. 6

- (B) Explain :—

(i) Import statement

(ii) Implements keyword. 6

7. (A) Explain :—

(i) try block

(ii) Catch block. 6

- (B) What is multithreading ? Explain. 6

OR

8. (A) State and explain the life cycle of a thread. 6