

(6 pages)

Reg. No. :

Code No. : 9338

Sub. Code : KCAM 33

M.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2017.

Third Semester

Computer Applications

ADVANCED JAVA PROGRAMMING

(For those who joined in July 2016 and afterwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. A class is a _____ for an object.
(a) element (b) template
(c) instance (d) none
2. The _____ operator dynamically allocates memory for an object.
(a) new (b) assignment
(c) logical (d) none

3. The _____ statement defines a namespace in which classes are stored.
(a) package
(b) class
(c) data
(d) none
4. _____ suspend a thread for a period of time.
(a) run
(b) join
(c) sleep
(d) none
5. The AWT classes are contained in _____ package.
(a) java.awt (b) .awt
(c) AWT (d) None
6. _____ create a multiline edit control.
(a) Tool kit
(b) Window
(c) Text Area
(d) None

Page 2

Code No. : 9338



7. A _____ is a software component that has been designed to reusable in variety of different Environment.

- (a) JavaBean
- (b) JDBC
- (c) Swing
- (d) None

8. _____ uses a virtual cursor to point to a row of virtual table.

- (a) Statement
- (b) Parameter
- (c) Resultset
- (d) None

9. Servlet initialization by calling _____ method.

- (a) Service
- (b) init
- (c) destroy
- (d) None

Page 3

Code No. : 9338

10. _____ file of web application is known as deployment descriptor.

- (a) get
- (b) redirect
- (c) Web.xml
- (d) None

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) What are the data types used in Java?

Or

(b) Discuss about Inheritance with example.

12. (a) How to importing a package?

Or

(b) Discuss about Exception Handling.

13. (a) Explain Label with Example.

Or

(b) Write about Inner Classes.

Page 4

Code No. : 9338

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14. (a) Write a short note on RMI?

Or

(b) Discuss about prepared Statement.

15. (a) Write notes on BDK.

Or

(b) Write about Anatomy of Java Servlet.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain Arrays and their types.

Or

(b) Explain Constructor with example.

17. (a) Write about Interface with example.

Or

(b) Write a Java program to create thread.

18. (a) Discuss about AWT Controls in detail.

Or

(b) Write about Event Handling.

Page 5 Code No. : 9338

19. (a) Write about Statement objects and their types.

Or

(b) Explain Java database connectivity.

20. (a) Explain JSP tags.

Or

(b) Explain the working of session.

Page 6 Code No. : 9338

