

(6 pages)

Reg. No. :

Code No. : 9912

Sub. Code : HCAM 23

M.C.A. (CBCS) DEGREE EXAMINATION,
APRIL 2015.

Second Semester

Computer Applications

JAVA PROGRAMMING

(For those who joined in July 2012 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. The Java programming language is a _____

- (a) Machine Level Language
- (b) High Level Language
- (c) Assembly Level Language
- (d) None of the above

- 2. Which is not a valid comment style in Java
 - (a) /* comment */
 - (b) /* comment
 - (c) /** comment */
 - (d) // comment
- 3. Choose best option that describes constructor
 - (a) Have no return type
 - (b) Use name of the class and have no return type
 - (c) Use name of the class
 - (d) None of the above
- 4. A constructor that is automatically generated in the absence of explicit constructors called?
 - (a) Default constructor
 - (b) Nullary constructor
 - (c) Empty constructor
 - (d) All the above
- 5. Which one of the following always honors the component's preferred size
 - (a) FlowLayout
 - (b) GridLayout
 - (c) BorderLayout
 - (d) None of the above
- 6. Which one does not extend java.lang.Number
 - (a) Integer
 - (b) Boolean
 - (c) Character
 - (d) (b) and (c)

Page 2

Code No. : 9912



7. If s="text" what is the value returned by s.length()?

- (a) False (b) True
(c) 4 (d) 5

8. What is the difference between a TextArea and TextField?

- (a) A TextArea can handle multiple lines of text
(b) A textarea is not a class
(c) A textarea can be used for output
(d) Textarea are used for displaying graphics

9. What is the value of k after the following code fragment?

```
Int k = 0;  
int n = 12  
while (k<n) {k=k+1;}
```

- (a) 0 (b) 11
(c) 12 (d) unknown

10. What does the following line of code mean?
Double table []

- (a) table is a variable that refers to a real number
(b) table is a variable that refers to two numbers
(c) it is not legal java code
(d) table is a variable that refers to an array

Page 3 Code No. : 9912

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Explain While Statement.

Or

(b) What is classes and object? Illustrate.

12. (a) Write about the syntax of applet tag.

Or

(b) Explain Abstract class in Java.

13. (a) What is the difference between applet and swing?

Or

(b) Write about event handling methods and give example.

14. (a) Explain TCP.

Or

(b) Write about : default exception handling.

Page 4 Code No. : 9912

[P.T.O.]



15. (a) Explain life cycle of a servlet.

Or

- (b) Write about jdbc.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Explain about static data members.

Or

- (b) Write briefly about executing a java application.

17. (a) Explain about the applet class.

Or

- (b) Give an example for polymorphism using java program.

18. (a) Explain anonymous inner classes.

Or

- (b) Explain about list scroll bars control.

19. (a) Explain accessing resources on the internet.

Or

- (b) Explain user defined exception handling mechanism.

Page 5

Code No. : 9912

20. (a) Write a brief note of Retrieving the values of parameters.

Or

- (b) Write brief note about servlet package.

Page 6

Code No. : 9912

