



DAF-003-00340700

Seat No. _____

B. A. C. (Sem. IV) (W.E.F. 2016) Examination

April - 2022

CS-19 : Programming With Java

Faculty Code : 003

Subject Code : 00340700

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Attempt the following objective Question : 4
- (1) What is JDK?
 - (2) What is Data type?
 - (3) What is Keyword?
 - (4) What is Identifier?
- (B) Answer in brief : (any One) 2
- (1) What is Comments?
 - (2) What is finalize ()?
- (C) Answer in brief : (any One) 3
- (1) What is Array? Explain types of it.
 - (2) What is Command line Argument'? Explain it.
- (D) Answer in brief : (any One) 5
- (1) Explain Java Features in detail.
 - (2) What is Operator? Explain Operator in detail.
- 2 (A) Attempt the following objective Question : 4
- (1) What is Inheritance?
 - (2) What is Nested Class?
 - (3) What is final class?
 - (4) What is interface?
- (B) Answer in brief (any One) 2
- (1) What is Abstract Class? Explain it.
 - (2) What is Final Class? Explain it.
- (C) Answer in brief : (any One) 3
- (1) What is Access Specifier? Explain in detail.
 - (2) What is Method Overloading? Explain with example.
- (D) Answer an brief : (any One) 5
- (1) What is Package? Explain with Example
 - (2) What is Universal Class? Explain with example.

- 3 (A) Attempt the following objective Question : 4
- (1) What is Daemon Thread ?
 - (2) What is Thread Class?
 - (3) What is finally?
 - (4) What is throws?
- (B) Answer in brief : (any One) 2
- (1) What is Exception Handling?
 - (2) Explain Stream and its types.
- (C) Answer in brief : (any One) 3
- (1) Explain File and Random Access file class in Detail.
 - (2) What is Multithreading? Explain in detail.
- (D) Answer in brief (any One) 5
- (1) What is Thread? Explain Thread Life cycle in detail.
 - (2) Write a Program to Reading and writing through byte stream class.
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- 4 (A) Attempt-the following objective Question : 4
- (1) Which functions is called to display the output of an applet?
 - (2) Which methods can be used to output a string in an applet?
 - (3) Which method is called only once during the run time of your applet?
 - (4) Which method is first called for any applet when it starts its execution?
- (B) Answer in brief : (any One) 2
- (1) What is Applet ?
 - (2) What is Graphics Class?
- (C) Answer in brief : (any One) 3
- (1) What is No Layout Manager? Explain it.
 - (2) What is Group Layout? Explain it.
- (D) Answer in brief : (any One) 5
- (1) Explain Layout Manager in detail.
 - (2) Explain Applet Life cycle in detail.

- 5 (A) Attempt the following objective Question : 4
- (1) Which classes in Java contains swing version of an applet?
 - (2) Which of these class is super class of all the events?
 - (3) Which of these methods are used to register a keyboard event listener?
 - (4) Which of these methods are used to register a mouse motion listener?
- (B) Answer in brief : (any One) 2
- (1) What is Swing?
 - (2) What is AWT?
- (C) Answer in brief : (any One) 3
- (1) Difference between AWT and Swing Components.
 - (2) Difference between Jpanel and JFrame.
- (D) Answer in brief : (any One) 5
- (1) Explain Event Delegation Model in detail.
 - (2) Explain any three Swing components in detail.
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