

2018

Time : 3 hours

Full Marks : 100

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer any five questions, selecting at least one from each group.

Group - A

1. Describe the concept of OOPS. Explain the features of Java.
2. Define constructor. What are the characteristics of constructors and default constructors used in Java? Explain with example.
3. What is multithreading in Java. Describe the life cycle of thread.

4. Explain the Life Cycle of Java applet. Differentiate between applet and application in Java.

Group - B

5. How client and server involved in web application? Explain with an example.
6. How do you add VB script with HTML? Write HTML code and script to validate text Field for checking blank entries?
7. Discuss the key objects of ASP and highlight the features of their properties, methods and events.
8. Write short notes on the following :
 - (a) POP & IMAP
 - (b) HTTP

Group - C

9. Write short notes on the following :
 - (a) Firewall
 - (b) Session key
10. Explain DSA algorithm with suitable diagram?
11. What is an attack? Explain types of attacks.

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