

DECEMBER 2015

**P/ID 16113/KAN/
PITN**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) What are the four new interface elements required for ActiveX scripting? Explain.

Or

- (b) Write JavaScript program to find the maximum number in an array of size N.

2. (a) What is ActiveX document? What are the advantages of creating and deploying ActiveX documents?

Or

- (b) Write and explain the HTML code required to implement an ActiveX document.

3. (a) Describe the interfaces required for implementing URL monikers.

Or

- (b) Explain the process of filtering the user request using ISAPI.

4. (a) How do you create and test DLL? Explain with an example.

Or

- (b) Describe the procedure for testing a DHTML application.

5. (a) Write short notes on ActiveX document technology.

Or

- (b) Explain testing a DLL of an ActiveX document technology.

PART B — (5 × 10 = 50 marks)

Answer any FIVE of the following.

6. Write a JavaScript and associated HTML code that allows a user to display an order form. Automatically calculate the amount given and process them in the form locally.
7. Describe the communication steps involved in an ActiveX scripting session using the host, an engine and the page.

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8. How will you create an ActiveX document enabled application? Explain with suitable example.
 9. Explain the following.
 - (a) IOle Document View
 - (b) IOle CommandTarget.
 10. How does Microsoft MFC application wizard provide features to work with URL monikers? Explain.
 11. Create a simple ISAPI extension using the ISAPI extension wizard. Describe each intermediate step clearly.
 12. Explain the steps for converting a project tracking system to an ActiveX document.
 13. Design an E-mail registration form and provide the validation process using JavaScript.
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