

# PC-131/AK

O-2/2041

WEB TECHNOLOGY

Paper – MS(A)-211

IInd Year (Annual)

Time : Three Hours]

[Maximum Marks : 80

**Note :** Attempt *two* questions each from Section A and B carrying 16 marks each and the entire Section C consisting of 8 short answer type questions carrying 2 marks each.

## SECTION – A

- I. What is Client-Server Model for web applications? Discuss web technologies used on the client and server-side.
- II. Explain the following :
  - (a) Protocol Tunneling.
  - (b) TCP/IP.
- III. What is HTML Frame? Discuss various tags used in HTML Frames.
- IV. What is XML? How it is different from HTML.

## **SECTION – B**

- V. What is JavaScript? Explain form validation with JavaScript.
- VI. What is an array? Explain various types of arrays in PHP.
- VII. Define Operator. Discuss various types of Operators in PHP.
- VIII. Explain the following :
- (a) Session Management in Servlet.
  - (b) Servlet API.

## **SECTION – C**

- IX. Write short notes on the following :
- (a) IP address.
  - (b) HTTP.
  - (c) DTD.
  - (d) XML-DOM.
  - (e) Data types in PHP.
  - (f) CSS.
  - (g) jQuery.
  - (h) Cookies and Session.