

**BT-3/D-18****33112****INTERNET AND WEB TECHNOLOGY**

Paper : IT-205(N)

Time : Three Hours]

[Maximum Marks : 75

**Note :** Attempt *five* questions in all, selecting at least *one* question from each unit. .

**UNIT-I**

1. (a) Differentiate between Internet, Intranet and Extranet with example. 7½
- (b) Explain OSI model in detail. 7½
2. (a) Make header diagram of IPv4. Explain the role of each field in IPv4 header. 7½
- (b) Discuss various modes of connecting Internet. 7½

**UNIT-II**

3. (a) Discuss different types of Search engines. 7½
- (b) Explain the working of SMTP. 7½
4. (a) Explain MIME in detail. 7½
- (b) Explain the working of POP. 7½

**UNIT-III**

5. (a) Write syntax for CSS padding, element selector, border, lists. 7½
- (b) Write HTML code for table consisting of 3 rows and 3 columns. 7½
6. (a) Differentiate between call() and apply() function in Java script using example. 7½
- (b) How to make a array as a stack using Java script? 7½

**UNIT-IV**

7. (a) Discuss different types of decryption mechanisms. 7½
  - (b) Explain the working of Internet Information Server in detail. 7½
  8. Write short notes on the following :
    - (a) Digital Signature.
    - (b) Intruder Detection System. (2×7½=15)
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