

Roll No. ....

**22648**

**M. Tech 2nd Semester (CSE) CBCS**

**Scheme (Elective - I)**

**Examination – May, 2018**

**INTERNET AND WEB DEVELOPMENT**

**Paper : MTCSE22D4**

***Time : Three Hours ]***

***[ Maximum Marks : 100***

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Question No. 1 is *compulsory*. In total attempt *five* questions.

1. (a) Diagrammatically show Internet Protocol Model ?

5 × 4 = 20

(b) Write note on SLIP ?

(c) Explain mobile routing ?

(d) What do you understand by cookies ?

(e) State whether true or false. If false explain why ?

(i) An ordered list can't be nested inside an unordered list.

(ii) Hyper links are denoted by link elements.

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(iii) Element br represent line break.

(iv) The width of data cells in a table must be same.

#### UNIT - I

2. Explain IP routing concepts. 20
3. Explain how Internet Access happens through PPP? 20

#### UNIT - II

4. (a) Differentiate between Bridges and Routers. 10  
(b) What is mobile routing? Explain in detail. 10
5. Explain Link state routing and Distance vector routing? 20

#### UNIT - III

6. What are web crawlers? Explain crawling policies. 20
7. Explain the architecture of Search Engine. 20

#### UNIT - IV

8. (a) How ASP works and how ASP objects are used? 12  
(b) Explain ASP.Net with classic ASP. 8
9. What do you understand by Document Object Model (DOM)? 20