

Total No. of Questions : 10]

SEAT No. :

**P2909**

**[4958]-1104**

[Total No. of Pages : 2

**T.E.(IT)**

**WEB ENGINEERING AND TECHNOLOGY**

**(2012 Course)(Semester-I) (314445)**

*Time :2½Hours]*

*[Max. Marks : 70*

*Instructions to the candidates:*

- 1) *Answer Q1 or Q2,Q3or Q4, Q5 or Q6 , Q 7 or Q8, Q 9 or Q10.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data if necessary.*

**Q1)** a) What is DNS? Explain with suitable diagram. **[4]**

b) Explain with suitable diagram the categories of web application **[6]**

**OR**

**Q2)** a) Explain the working of search engines. **[5]**

b) Describe the phases of website development in brief. **[5]**

**Q3)** a) Define navigation systems. Explain different types of navigation systems. **[5]**

b) State the characteristics of good websites. **[5]**

**OR**

**Q4)** a) Write HTML tag for hyper link, character formatting and ordered list**[6]**

b) Differentiate between HTML and DHTML. **[4]**

**Q5)** a) Explain session management technique in PHP. **[8]**

b) Explain control and looping statement in PHP. **[8]**

**OR**

**P.T.O.**

**Q6)** a) Explain how object is created and modified in java script. [8]

b) Describe following functions of PHP [8]

i) Chr ( )

ii) Strlen ( )

iii) Strpos ( )

iv) Strcmp ( )

**Q7)** a) What is the difference between doGet( ) and doPost ( ) in servlet? [8]

b) Explain the life-cycle methods of java servlet. With suitable diagram[8]

**OR**

**Q8)** a) Differentiate between HTML and XML. [8]

b) Write a short note on web personalization and Ontology. [8]

**Q9)** a) What are the different steps for web-site deployment. [9]

b) Compare and contrast CMS development tools Drupal and Joomla.[9]

**OR**

**Q10)** a) What is Loop in wordpress and how it works? [9]

b) Write a short note on AJAX with example. [9]

