

GUJARAT TECHNOLOGICAL UNIVERSITY**BE SEM-VI Regular Examination May 2011****Subject code: 160705****Subject Name: Web Application Development****Date: 23-05-2011****Time: 10.30 am – 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) i) Explain following terms: URI, Web browser, HTTP **03**

ii) Explain following terms with example. **04**

<optgroup> 2)

(b) Explain CSS with all types. Explain BOX MODEL. **07**

Q.2 (a) What are differences between client side and server side scripting language? Write down java script code to check mobile number (mobile number should start with 9 or 8) and mail id(check @ and .). **07**

(b) i) Generate XML file from below code: **04**

```
<!DOCTYPE NEWSPAPER [
<!ELEMENT NEWS(ARTICLE+)>
<!ELEMENT ARTICLE(HEADLINE, BODY, NOTES)>
<!ELEMENT HEADLINE(#PCDATA)>
<!ELEMENT BODY(#PCDATA)>
<!ELEMENT NOTES(#PCDATA)>
<!ATTLIST ARTICLE AUTHOR CDATA #REQUIRED>
<!ATTLIST ARTICLE EDITOR CDATA #IMPLIED>
```

ii) Explain following terms: <xs: sequence>, <value-of>, <for-each> **03**

OR

(b) What is XML ELEMENT and XML Schema? Explain CDATA and PCDATA with example. **07**

Q.3 (a) Give the answer of following question. **07**

- i) Justify it: " HTTP is called as stateless protocol".
- ii) How can you open a link in a new browser window?
- iii) What's the correct syntax for referring to an external script called "abs.js"?

1) <script href="abc.js">

2) <script src="abc.js">

3) <script target="abc.js">

iv) What is difference between Java script and JAVA?

v) Give difference between DTD and XML schema.

vi) Justify it: "Java script is used in validation techniques".

vii) Which file can be configured for Apache Web Server?

(b) Write down java script code to validate user name and password (password length must in between 6 to 12 characters. User name should not start with _, @, or any number, both are not blank). **07**

OR

Q.3 (a) How do you create cookie in PHP? Give difference between session and cookie with example. **07**

- (b) Write down HTML/CSS code to create table with 5 rows and 3 columns. 07
Even no. of rows display in green color and odd no. of rows display in yellow color.
- Q.4** (a) What's contribution of SOAP, Web feeds and BLOGS to web services? 07
What is aggregation in web services?
- (b) What's SOAP? Explain structure of SOAP. 07
- OR**
- Q.4** (a) Explain Web server. Give difference between IIS and Apache Web 07
Server? Write down only steps of UNIX/LINUX web server.
- (b) What is the relation ship among SOAP, XML, and HTTP? Explain with 07
example.
- Q.5** (a) What's myadmin and database bug. What's function in PHP? Explain 07
types of function with example.
- (b) What's PHP? Write down source code to create database and retrieve 07
data with connection of PHP.
- OR**
- Q.5** (a) How do you connect to server with PHP? Explain with example. 07
- (b) What are basic commands of PHP? Explain with example. 07
