

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA ENGINEERING – SEMESTER –6 (NEW)- EXAMINATION –WINTER-2022

Subject Code: 3360706**Date: 15-12-2022****Subject Name: Advanced Web Technology****Time: 02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.
5. English version is authentic.

- Q.1** Answer any seven out of ten. દશમાંથી કોઈપણ સાતના જવાબ આપો. **14**
1. Write the Full form of ASP.
 2. What is hyper link in HTML? Write down example.
 3. Explain Radio Control.
 4. List the features of ASP.NET.
 5. Differentiate Placeholder and style in HTML Tag.
 6. Write down the advantages of Master Page.
 7. What is script manager in AJAX Control?
 8. Explain File Upload Server control.
 9. Explain web.config File and Machine.config File.
 10. Give difference between ASP.NET and Classical ASP.
- Q.2** (a) Differentiate Web Application and Website. **03**
- OR
- (a) Explain Label Control and Textbox Control with minimum five properties. **03**
- (b) List different advantages and disadvantages of cookies in state management. **03**
- OR
- (b) Write down the steps for opening an Existing Web site. **03**
- (c) Explain ASP.NET Objects. **04**
- OR
- (c) Explain Panel with Example. **04**
- (d) Draw and Explain Web Form Round Trip. **04**
- OR
- (d) Explain Hidden Fields with Example. **04**
- Q.3** (a) Write the Custom Validator for Email and Mobile. **03**
- OR
- (a) Explain Required Field Validator and Compare Validator. **03**
- (b) Write the Difference between Verification and Validation. **03**
- OR
- (b) Write down the steps for creating nested master page. **03**
- (c) Explain View State with Example. **04**
- OR
- (c) Explain Application State with Example. **04**
- (d) What is skin? Explain how to apply skin to a control. **04**
- OR
- (d) Explain Global.asax application file. **04**
- Q.4** (a) Explain Methods of Command Object in ADO.Net. **03**
- OR

	(a) What is theme in ASP.Net? Explain how to apply theme to aspx file.	03
	(b) Explain Data List and Repeater Control.	04
	OR	
	(b) Explain Difference between DataSets and DataAdapter.	04
	(c) Develop a web application to Add, Update, View and Delete records from Database and show data in Grid view.	07
Q.5	(a) Explain CLR in Details.	04
	(b) Draw ADO.Net Architecture.	04
	(c) Explain Update Process Control in AJAX.	03
	(d) Explain Client Server Architecture with Figure.	03
.....		
Q.1	દશમાંથી કોઈપણ સાતના જવાબ આપો.	14
	1. ASP નું આખું નામ જણાવો.	
	2. HTML માં hyper link શું છે? તેનું ઉદાહરણ આપો.	
	3. Radio Control સમજાવો.	
	4. ASP.NET ની features જણાવો.	
	5. Placeholder અને style નો તફાવત જણાવો.	
	6. Master Page ની ફાયદા જણાવો.	
	7. AJAX Control માં script manager એટલે શું?	
	8. File Upload Server control સમજાવો.	
	9. web.config File અને Machine.config File સમજાવો.	
	10. ASP.NET અને Classical ASP નો તફાવત જણાવો.	
Q.2	(a) Web Application અને Website તફાવત જણાવો.	03
	OR	
	(a) Label Control અને Textbox Control ઓછામાં ઓછી ૫ properties સાથે સમજાવો.	03
	(b) State management માં cookies ના ફાયદા તથા ગેરફાયદા જણાવો.	03
	OR	
	(b) Web site ને ઓપેન કરવાના સ્ટેપ્સ જણાવો.	03
	(c) ASP.NET Objects સમજાવો.	04
	OR	
	(c) Panel ઉદાહરણ સાથે સમજાવો.	04
	(d) Web Form Round Trip દોરો અને વર્ણવો.	04
	OR	
	(d) Hidden Fields ઉદાહરણ આપી સમજાવો	04
Q.3	(a) Custom Validator Email તથા Mobile સાથે સમજાવો.	03
	OR	
	(a) Required Field Validator અને Compare Validator સમજાવો.	03
	(b) Verification અને Validation તફાવત જણાવો.	03
	OR	
	(b) Nested master page ના સ્ટેપ્સ જણાવો.	03
	(c) View State ઉદાહરણ સાથે સમજાવો	04
	OR	
	(c) Application State ઉદાહરણ સાથે સમજાવો	04
	(d) Skin એટલે શું? skin ને control પર કેવી રીતે અપ્લાય કરી સકાય.	04
	OR	
	(d) Global.asax application file સમજાવો.	04

Q.4	(a) ADO.Net માં Methods of Command Object સમજાવો.	03
	OR	
	(a) ASP.Net માં theme શું છે? theme ને aspx file માં અપ્લાય કેવી રીતે કરી સકાય.	03
	(b) Data List તથા Repeater Control સમજાવો.	04
	OR	
	(b) DataSets and DataAdapter નો તફાવત સમજાવો.	04
	(c) ડેટાબેસ માંથી રેકૉર્ડ એડ , અપડેટ, વ્યુ, ડીલીટ કરવા માટે ની વેબ એપ્લીકેશન બનાવો તેમજ ગ્રીડ વ્યુ માં બતાવો.	07
Q.5	(a) CLR ને Details માં સમજાવો.	04
	(b) ADO.Net Architecture દોરો.	04
	(c) AJAX માં Update Process Control સમજાવો.	03
	(d) Client Server Architecture આકૃતિ સહ સમજાવો.	03