

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**DIPLOMA ENGINEERING – SEMESTER – VI EXAMINATION –WINTER - 2018**

**Subject Code: 361601**

**Date: 27-11-2018**

**Subject Name: ASP.NET and VB.NET Web Programming**

**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 programmable & Communication aids are strictly prohibited.
5. Use of only simple calculator is permitted in Mathematics.
6. English version is authentic.

- Q.1** (a) Write short note on: i) CLR ii) Assemblies **07**  
**પ્રશ્ન. ૧** અ ટૂંકનોંધ લખો: i) CLR ii) Assemblies **07**  
(b) Write short note on ASP.NET architecture. **09**  
બ ASP.NET આર્કિટેક્ચર સમજાવી ટૂંકી નોંધ લખો. **09**
- Q.2** (a) Differentiate between **07**  
i) Classic ASP v/s ASP.NET  
ii) HTML Server controls v/s Web Server Controls  
**પ્રશ્ન. ૨** અ તફાવત આપો. **07**  
i) Classic ASP v/s ASP.NET  
ii) HTML Server controls v/s Web Server Controls  
(b) Define validation. Describe Compare Validator control with its properties and **09**  
example. **09**  
બ Validation ની વ્યાખ્યા આપો. Compare Validator કંટ્રોલ તેની પ્રોપર્ટી અને ઉદાહરણ સાથે સમજાવો **09**
- OR
- (b) What is Master page? How can we use master page in ASP.NET web application? **07**  
બ Master page શું છે? ASP.NET web application માં master page કેવી રીતે બનાવી શકાય તે સમજાવો.
- Q.3** (a) Explain view state with a suitable example. Write advantages and disadvantages **07**  
of view state. **07**  
**પ્રશ્ન. ૩** અ ViewState નું ઉદાહરણ આપી સમજાવો. તથા તેના લાભ – ગેરલાભ લખો. **07**  
(b) Explain ObjectDataSource in brief. **09**  
બ ObjectDataSource વિગતે સમજાવો. **09**
- OR
- Q.3** (a) What is query string? Explain with its advantages and disadvantages. **07**  
**પ્રશ્ન. ૩** અ Query string શું છે? Advantages અને disadvantages આપી સમજાવો. **07**  
(b) Explain CheckBoxList and Radio Button control with its notable properties, **09**  
Methods and Events. **09**  
બ CheckBoxList અને Radio Button control તેની notable properties, Methods અને Events સાથે સમજાવો. **09**
- Q.4** (a) Differentiate between: **07**  
i) Classic ASP v/s ASP.NET

		ii) Web server controls v/s HTML controls	
પ્રશ્ન. ૪	અ	તફાવત આપો:	07
		ii) Classic ASP v/s ASP.NET	
		ii) Web server controls v/s HTML controls	
	(b)	Describe ADO.NET architecture with its diagram.	09
	બ	ADO.NET નો આર્કીટેક્ચર આકૃતિ દોરી સમજાવો.	09
		OR	
Q.4	(a)	Explain RequiredFieldValidator and RangeValidator controls with short example.	07
પ્રશ્ન. ૪	અ	કમ્પેરવેલીડેટર અને રેન્જવેલીડેટર વેલીડેટર ઉદાહરણ આપી સમજાવો.	07
	(b)	Explain Web .config file with its configuration settings tags.	09
	બ	Web.config file ને configuration settings tags સાથે સમજાવો.	09
Q.5	(a)	Explain Cookie with its advantages and disadvantages.	07
પ્રશ્ન. ૫	અ	Cookie તેની advantages અને disadvantages આપી સમજાવો	07
	(b)	What is DataBinding? Explain types of data binding in ASP.NET.	09
	બ	DataBinding શું છે? Data binding ની types સમજાવો.	09
		OR	
Q.5	(a)	Write short note on: i) SqlDataReader ii) Dataset	07
પ્રશ્ન. ૫	અ	ટૂંકનોંધ લખો: i) SqlDataReader ii) Dataset	07
	(b)	Explain SqlDataSource in detail.	09
	બ	SqlDataSource વિગતે સમજાવો.	09

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