TYIT (Semv) / ASP. NET with / 6

Q. P. Code: 21096

[Total Marks: 100]

		P 33 " 3
N.	B.: (1) All questions are compulsory.	
	(2) Make suitable assumptions wherever necessary and state the assumptions made	
	(3) Answers to the same question must be written together.	
	(4) Numbers to the <u>right</u> indicate <u>marks</u> .	AV.e
	(5) Draw <u>neat labeled diagrams</u> wherever <u>necessary</u> .	
	(6) Use of Non-programmable calculators is allowed.	
1.	Attempt <u>any two</u> of the following:	10
a.	Differentiate between structures and classes.	S.
b.	Explain variable sized arrays with suitable example.	
c.	Write a short note on .NET Framework.	
d.	Are multiple Main() methods allowed in C#? Justify with an example.	
2.	Attempt any three of the following:	
a.	Explain the concept of private and shared assembly.	
b.	What is exception handling? Explain the syntax of exception handling code. What is the use of finally block?	
C. "	Explain the different keywords used for interrupting the loops.	
d.	Explain the concept of boxing and unboxing.	
e.	Define inheritance and polymorphism. Explain how multiple inheritance is supported by classes in C#.	
£	Explain Write() and WriteLine() Methods with examples	
f.	Explain writely and write incly with examples	
3.	Attempt <u>any three</u> of the following:	15
a.	What is the use of menus and toolbars in Windows application? Explain,	

(3 Hours)

## 4. Attempt any three of the following:

the necessary events.

b.

C.

d.

e.

f.

ot <u>any three</u> of the following:

Write a windows application to change the color of form into Red, Green and Blue

upon clicking the respective buttons. [Hint: Drag three buttons and Label them. Write

a. What is post-back event? Explain with suitable example.

State the conventions that are used with events.

What is ArrayList? State its methods and properties.

Differentiate between ListBox and ComboBox controls.

- b. Explain .NET Framework architecture in detail.
- c. Explain the work of session state in ASP.NET.
- d. What is CSS? Explain inline and embedded CSS.
- e. Explain ViewState with suitable example.
- f. What is the difference between themes and skins in ASP.NET?

What is Common DialogBox? Explain FontDialog with suitable example.

[Turn Over]

15

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	A 1W 277 KG 335 KV 27 37 567 A7.	Will Count
5.	Attempt <u>any three</u> of the following:	15
a	How do we create a User control in ASP.NET?	
b	When do we have to use TreeView control in ASP.NET?	
С	Explain the following validation controls with example	
	(i) CompareValidator (ii) CustomValidator (iii) RangeValidator	
	(iv) RegularExpressionValidator (v) RequiredFieldValidator	80
d	Explain Request and Response objects of ASP.NET	
e	What are the benefits of using a custom enumeration like Direction over built-in types like System. Byte or String.	
f	What are the different ways to redirect a user to another page programmatically? What's the	
•	difference between them?	
_		
6.	Attempt <u>any three</u> of the following:	15
a.	Explain ADO.NET object model with help of suitable diagram.	
b.	Write the necessary steps for connecting to the SQL server database.	
C.	What is the difference between DataReader and DataAdapter? Explain.	
d.	State the ways of deployment of website in ASP_NET.	
e.	Write a note on Authorization and Impersonation.	
f.	Explain any four Standard Query operators in LINQ.	
7.	Attempt any three of the following:	15
a.	Brief the concept of JQuery.	1.0
b.	Write short note on ScriptManager and UpdatePanel Controls.	
C.	Explain DOM manipulation methods in jQuery	
d.	Write a jQuery application to give Fade In and Fade Out effects. [Make necessary assumptions for the program.]	
e.	Explain the difference between AJAX Page Processing and Traditional Page Processing.	
f.	What is web service? Explain the basic steps to create a web service using ASP.NET with C#.	