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	Dot Net
	the way of the second of some of the second
	Lnterview
	Cis What is the Rosenburgh
	· Tutorialis Ride - com au listano - a ridonier A A
150	many is an it required a single the secret
Q.	What wis so Net Framework?
A .	is a sport platform for building various app. as.
	It contains inbuilt func. in form of class, library AAPIS that are used to develop app. for web, windows, share.
	benefor to socially toyolo shot is a
Q2	- Major components of . Net frame work?
	> Common language Rustime (CLR)
	() the enercution of . Het pragrams. It works as a
	layer blu OS & app written in Net cargage
	like Plenory Hanagers.
	Type Safety etc. Type Safety etc. Not Framework Class Library (FCL)
,	· Net tranework cours

4	It manages includes collection of classes, mamespaces
	+ value types that are use a for
	applications to access common functionality.
	applica tons
\bigcirc 3	What is . Net Assembly?
Ψ,	
Α.	An assembly is a smallest unit of deployment in a
	nicrocalt. Net damework application. It can be implemented
	as one 4 dll lie. It praides all required continues
	information to CLR. The Net framework
	multiple vousions of app. in sys. via assembly.
	The war entities of merbitaly transport ale a and
	-> Assembly has 4 diff components:
lo n	month seeds to mot a sail a load of seeds
2771	4 Assembly manifest a
	rissembly manifest
	Contains info. about verbions of assembly
	SOTT SALTS
	Type meta data the to management to
	Type more successions
	it contains binary info. of the program.
	11 6011-515
	MSIL Source Code montre de la seconom de la
and the state of	1 400 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Microsoft Intermediate Lang. 16 a CPU
	independent bet of inst. S that can be
	efficiently convented to native code
	JI was a source

G Resources and Man of Jource of the Man of Anna All other related file like icon images etc. Q4 Diff. types of Assemblies? A Private assembly a single application . It's kept in a Local folder in which the client app. has been installed. 10) is a marchelon entented source the date Public or Shared Assembly is allowed to be shared by multiple apps. A SA must reside in Global Assembly cache (GA with a strong name assigned to it. the provides find only a read only a case to Q 5 Describe GAC in the oNet Framework. fund con seinglast. A. GAC stands for global assembly cache. It's an area of memory reserved to store a scendilics in . Net app that are running on a machine. It stores those assemblies which will be thered by many apps P. 6 What is a Satelite assembly?

A.	provides an assembly the multi- lingual support. They
	include busined resources for an app.
	include localized resources for an app.
	Using satellite assembly, you can include resources for
	Island Sate wife assuming 1 you can
	diff lang. in diff assembly.
03	E la lill II II de la Vendeu
Ψ.	Emplain diff. b/w dataset and data reader.
	1) det require con.
A.	Dataset is a disconnect anch. We don't require con.
	while working with Dataset.
	Did service the detain
	Data Reader is a connected oriented service, the detain
	ava. as long as a connection enists.
	Dataset is an in-memory representation of a collection
	of Db objects. His like a small Db because it
	stores the schema and data in the app. memory area.
	proves the screma and and
	Data Reader provides fud-only k-read-only access to
	data from data source. It's like a
_#	fud only record set.
	A GAC what for John assumbly cans the
<u> </u>	to the memory and to stone when the stone
-1-99	Dataset can be perialized & represented in XML, so it
	can easily pass a sound to other hiers.
	Data Reader can't be scriplized.
	Data reader curt de octionage.
	1 2 3 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2
4	

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	Date	

Dataset is updatable, we can make changes to the data k bend those changes back to the data source. Data set is best choice when we want a manipulation of

Data Reader best choice when we require no manipulation,

Q8. Web. Config & Machinel. Configura Machine Config

is the master config file on your sys. It is default conf. for

all apps running on a machine. This is automatically installed when you install Visual + Studio , Net. He can have only

one Machine. Config file on a souver

Web. Config

Ly is an app. level configuration file which is automatically created when you create an ASP. Net web app.

It stores config. data in XML. Generally one website = one WC but can have multiple to manage octtings at

Various level.

Q9. What do you understand by side-side enecution of assembly?

A. Allows assemblie to co-enists on same PC.

010	AND SAME STATE OF THE STATE OF
10 Q 15 G	What is MVC
33-40	SI ouch - nothers
+ A con	M) 1
	which separates the representation and user interaction
	Model was the smooth state of the
ecusina un	Modeling to be to see show see
	rep. the real world object 4 provides data to
	the view. It's nothing but a set of classes that
	desocibes business logic
	View
I	
at to	the is an areth conjection of its definite
t off ste.	is responsible for book & feel. It represents UI
	components like HTML, CSS, j Query etc
	- no standard significant some a service
	Controller
	is resp. for taking end usen req. via View 4
e lles	Loading appropriate Models 4 View
	were down take as the asternation of the asternatio
	water hen you create an ASP Net web app
Oll	Sulla Ministration of the spiritual coronal
1475	explain the situation you will use a feet Service 4
9.60	Remoting in projects.
5.75	
A>	Both Net Web Service & Net Remothing are
	Solutions (so 181
	Solutions for dist. solver
<u></u>	
	. Net Web Services
	alique remained the come on came PL &

allows communication blue app. over the LINW. It's a simple programming model with broad cross-platform reach. It supports heterogeneous environment which means client a remote object can build in any platform. I commende si el sido confirmin no longer being used by the application to get heb services should be used if application demands Communication over a public n/w k require to work across multiple platforms. Net Remoting and to interact with each other across application domains It supports homogenous env. oNET. Mit de services de puid using It allows high speed communication blu a client application & components in a binary format. communication b/w proprietary. NET components, usually over an internet n/w O12 What is & garbage collection? Is it possible to force garbage collection to run? A. Garbage sollection is a . Net feature that manages the

memory for applications by allocating & releasing memory automatically. When the garbage collector performs a collection, et identifies objects in the managed heap that are no longer being wed by the application & performs the necessary operations to reclaim their memory. System, GC. Collect() > to force GC Q13 Why do we need to serialization in . NET? It's the process of converting an object into a stream of bytes to possist the object's state into the memory, a database for a file. The revenue of perialization is description. Serialization facilitates the transmission of an obj. over Remoting apps heavily depends on sevialization 4 describing ation. Existing org who notes incomes good an internet rifus Q14. Managed & un Managed code? A. Managed Code Is a code whose execution is managed by

Page N	O.		
ate			

Common Language Run-time. This code runs inside

the CLR.

Hence, it's necessary to install the Net framework
in order to enecute the managed code.

Un-manage Code

It is any code that doesn't depends on CLR for execution and is not under the contol of CLR. It means it is developed by other lang. independent of . NET framework.

It was its own runtime environment for compiling A