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|--------------|---|------------------------|
| SR.NO | Project NAME | Technology |
| 1 | Online E-Learning Platform Hub | React+Springboot+MySql |
| 2 | PG Mates / RoomSharing / Flat Mates | React+Springboot+MySql |
| 3 | Tour and Travel management System | React+Springboot+MySql |
| 4 | Election commition of India (online Voting System) | React+Springboot+MySql |
| 5 | HomeRental Booking System | React+Springboot+MySql |
| 6 | Event Management System | React+Springboot+MySql |
| 7 | Hotel Management System | React+Springboot+MySql |
| 8 | Agriculture web Project | React+Springboot+MySql |
| 9 | AirLine Reservation System / Flight booking System | React+Springboot+MySql |
| 10 | E-commerce web Project | React+Springboot+MySql |
| 11 | Hospital Management System | React+Springboot+MySql |
| 12 | E-RTO Driving licence portal | React+Springboot+MySql |
| 13 | Transpotation Services portal | React+Springboot+MySql |
| 14 | Courier Services Portal / Courier Management System | React+Springboot+MySql |
| 15 | Online Food Delivery Portal | React+Springboot+MySql |
| 16 | Muncipal Corporation Management | React+Springboot+MySql |
| 17 | Gym Management System | React+Springboot+MySql |
| 18 | Bike/Car ental System Portal | React+Springboot+MySql |
| 19 | CharityDonation web project | React+Springboot+MySql |
| 20 | Movie Booking System | React+Springboot+MySql |

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| 21 | Job Portal web project | React+Springboot+MySql |
| 22 | LIC Insurance Portal | React+Springboot+MySql |
| 23 | Employee Management System | React+Springboot+MySql |
| 24 | Payroll Management System | React+Springboot+MySql |
| 25 | RealEstate Property Project | React+Springboot+MySql |
| 26 | Marriage Hall Booking Project | React+Springboot+MySql |
| 27 | Online Student Management portal | React+Springboot+MySql |
| 28 | Resturant management System | React+Springboot+MySql |
| 29 | Solar Management Project | React+Springboot+MySql |
| 30 | OneStepService LinkLabourContractor | React+Springboot+MySql |
| 31 | Vehical Service Center Portal | React+Springboot+MySql |
| 32 | E-wallet Banking Project | React+Springboot+MySql |
| 33 | Blogg Application Project | React+Springboot+MySql |
| 34 | Car Parking booking Project | React+Springboot+MySql |
| 35 | OLA Cab Booking Portal | React+NextJs+Springboot+MySql |
| 36 | Society management Portal | React+Springboot+MySql |
| 37 | E-College Portal | React+Springboot+MySql |
| 38 | FoodWaste Management Donate System | React+Springboot+MySql |
| 39 | Sports Ground Booking | React+Springboot+MySql |
| 40 | BloodBank mangement System | React+Springboot+MySql |

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| 41 | Bus Tickit Booking Project | React+Springboot+MySql |
| 42 | Fruite Delivery Project | React+Springboot+MySql |
| 43 | Woodworks Bed Shop | React+Springboot+MySql |
| 44 | Online Dairy Product sell Project | React+Springboot+MySql |
| 45 | Online E-Pharma medicine sell Project | React+Springboot+MySql |
| 46 | FarmerMarketplace Web Project | React+Springboot+MySql |
| 47 | Online Cloth Store Project | React+Springboot+MySql |
| 48 | Train Ticket Booking Project | React+Springboot+MySql |
| 49 | Quizz Application Project | JSP+Springboot+MySql |
| 50 | Hotel Room Booking Project | React+Springboot+MySql |
| 51 | Online Crime Reporting Portal Project | React+Springboot+MySql |
| 52 | Online Child Adoption Portal Project | React+Springboot+MySql |
| 53 | online Pizza Delivery System Project | React+Springboot+MySql |
| 54 | Online Social Complaint Portal Project | React+Springboot+MySql |
| 55 | Electric Vehical management system Project | React+Springboot+MySql |
| 56 | Online mess / Tiffin management System Project | React+Springboot+MySql |
| 57 | | React+Springboot+MySql |
| 58 | | React+Springboot+MySql |
| 59 | | React+Springboot+MySql |
| 60 | | React+Springboot+MySql |

Spring Boot + React JS + MySQL Project List

| Sr.No | Project Name | YouTube Link |
|-------|--|---|
| 1 | Online E-Learning Hub Platform Project | https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW |
| 2 | PG Mate / Room sharing/Flat sharing | https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp |
| 3 | Tour and Travel System Project Version 1.0 | https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12 |
| 4 | Marriage Hall Booking | https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7 |
| 5 | Ecommerce Shopping project | https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq |
| 6 | Bike Rental System Project | https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H |
| 7 | Multi-Restaurant management system | https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB |
| 8 | Hospital management system Project | https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw |
| 9 | Municipal Corporation system Project | https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF |
| 10 | Tour and Travel System Project version 2.0 | https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ |

| Sr.No | Project Name | YouTube Link |
|-------|--|---|
| 11 | Tour and Travel System Project version 3.0 | https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug |
| 12 | Gym Management system Project | https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX |
| 13 | Online Driving License system Project | https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn |
| 14 | Online Flight Booking system Project | https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh |
| 15 | Employee management system project | https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H |
| 16 | Online student school or college portal | https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD |
| 17 | Online movie booking system project | https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm |
| 18 | Online Pizza Delivery system project | https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM |
| 19 | Online Crime Reporting system Project | https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO |
| 20 | Online Children Adoption Project | https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N |

Question Bank: Microsoft Dot Net Technologies

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| Topic / Module: | Dot Net Technologies |
| Q. No.: | 1 |
| Question: | Shared Assemblies are installed at: |
| Answer Choices | |
| Choice 1: | System Assembly Cache |
| Choice 2: | Global Assembly Cache |
| Choice 3: | Machine Assembly Cache |
| Choice 4: | Windows Assembly Cache |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|-------------------------|
| Topic / Module: | |
| Q. No.: | 2 |
| Question: | What are delegates? |
| Answer Choices | |
| Choice 1: | Value Pointer |
| Choice 2: | Function Pointer |
| Choice 3: | Pass By Reference |
| Choice 4: | Pass By Value |
| Correct Answer: | 2 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 3 |
| Question: | "XYZ" company wants to revamp his website. One of the important changes "XYZ" wants is to display Ad banners. As a developer you want to initialize the banner image paths when the first user accesses the application. So what will you do? |
| Answer Choices | |
| Choice 1: | Add code in application_onstart event of global.asax file |
| Choice 2: | Add code in application_begin request event of global.asax file |
| Choice 3: | Add code to session_onstart event of global.asax |
| Choice 4: | Add code in page.load event handler in the startup page of the application |
| Correct Answer: | 1 |
| Difficulty Level: | Difficult |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 4 |
| Question: | Which of the following is a value type, and not a reference type? |
| Answer Choices | |
| Choice 1: | Array |
| Choice 2: | Delegate |
| Choice 3: | Enum |
| Choice 4: | Class |
| Correct Answer: | 3 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 5 |
| Question: | Which of the following is the standard column type in the DataGrid |
| Answer Choices | |
| Choice 1: | TemplateColumn |
| Choice 2: | ButtonColumn |
| Choice 3: | BoundColumn |
| Choice 4: | HyperLinkColumn |
| Correct Answer: | 3 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 6 |
| Question: | Pick the command line that would result in the C# compiler generating an XML documentation file: |
| Answer Choices | |
| Choice 1: | csc /doc:HelloWorld.xml HelloWorld.cs |
| Choice 2: | csc / doc / docfile:HelloWorld.xml HelloWorld.c |
| Choice 3: | csc / doc / out:HelloWorld.xml HelloWorld.cs |
| Choice 4: | csc /xml HelloWorld.cs |
| Correct Answer: | 1 |
| Difficulty Level: | Difficult |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
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| Q. No.: | 7 |
| Question: | Which of the following is not a method of System.Object? |
| Answer Choices | |
| Choice 1: | GetType |
| Choice 2: | ToString |
| Choice 3: | Equals |
| Choice 4: | Clone |
| Correct Answer: | 4 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 8 |
| Question: | When creating a C# Class Library project, what is the name of the supplementary file that Visual Studio.NET creates that contains General Information about the assembly? |
| Answer Choices | |
| Choice 1: | AssemblyInfo.xml |
| Choice 2: | AssemblyInfo.cs |
| Choice 3: | AssemblyInformation.cs |
| Choice 4: | AssemblyAttributes.cs |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 9 |
| Question: | What is a formatter? |
| Answer Choices | |
| Choice 1: | Object |
| Choice 2: | Class |
| Choice 3: | Method |
| Choice 4: | None |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 10 |
| Question: | All types derive from a single base type called |

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| Answer Choices | |
| Choice 1: | System.Base |
| Choice 2: | System.Object |
| Choice 3: | System.Root |
| Choice 4: | System.Type |
| Correct Answer: | 2 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 11 |
| Question: | A reference to a reference-type instance requires how many bytes? |
| Answer Choices | |
| Choice 1: | 2 bytes |
| Choice 2: | 4 bytes |
| Choice 3: | 8 bytes |
| Choice 4: | 16 bytes |
| Correct Answer: | 2 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 12 |
| Question: | 2. Which property of the AdRotator control points to the file with the information required to work? |
| Answer Choices | |
| Choice 1: | Admethods |
| Choice 2: | Adcontrol |
| Choice 3: | Advertisementfile |
| Choice 4: | adlist.xml |
| Correct Answer: | 3 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 13 |
| Question: | This class provides an empty control. You can create a new control by assembling existing controls on the surface of this control |
| Answer Choices | |
| Choice 1: | ContainerControl |
| Choice 2: | The Component class |

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| Choice 3: | The UserControl class |
| Choice 4: | The Control class |
| Correct Answer: | 3 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 14 |
| Question: | ASP.NET has several built-in objects that are used to provide the required functionality in an ASP.NET application. They are |
| Answer Choices | |
| Choice 1: | Request, Response |
| Choice 2: | Application, Session |
| Choice 3: | Server |
| Choice 4: | All of the Above |
| Correct Answer: | 4 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 15 |
| Question: | 8. What is the valid event handlers that occur when a user closes his browser |
| Answer Choices | |
| Choice 1: | Session_End |
| Choice 2: | Application_End |
| Choice 3: | Browser_End |
| Choice 4: | Browser_Close |
| Correct Answer: | 1 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 16 |
| Question: | What is the exception that is thrown when there is an attempt to dynamically access a method that does not exist? |
| Answer Choices | |
| Choice 1: | MissingMethodException |
| Choice 2: | TypeLoadException |
| Choice 3: | MethodLoadException |
| Choice 4: | MethodAccessException |
| Correct Answer: | 1 |

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| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 17 |
| Question: | Which of the following is the correct way to disable session state in an ASP.NET page? |
| Answer Choices | |
| Choice 1: | <%@ Page SessionState="false" %> |
| Choice 2: | <%@ Page UseSessionState="false" %> |
| Choice 3: | <%@ Page DisableSessionState="true" %> |
| Choice 4: | <%@ Page EnableSessionState="false" %> |
| Correct Answer: | 4 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 18 |
| Question: | What is the term used to describe the process the Runtime uses to find an assembly? |
| Answer Choices | |
| Choice 1: | Locating |
| Choice 2: | Probing |
| Choice 3: | Searching |
| Choice 4: | Resolving |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 19 |
| Question: | Which keyword is used in C# to prevent a class from being inherited by another class? |
| Answer Choices | |
| Choice 1: | Override |
| Choice 2: | Protected |
| Choice 3: | Sealed |
| Choice 4: | NotInheritable |
| Correct Answer: | 3 |
| Difficulty Level: | Easy |
| Reference: | Unknown |

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| (If question taken from book/ website/etc.) | |
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| Topic / Module: | |
| Q. No.: | 20 |
| Question: | Which one of the following is NOT a valid state management tool? |
| Answer Choices | |
| Choice 1: | Application State |
| Choice 2: | Hidden Form Fields |
| Choice 3: | Query State |
| Choice 4: | Session State |
| Correct Answer: | 3 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 21 |
| Question: | 8. Which operator is used for connecting a event with a procedure in c#? |
| Answer Choices | |
| Choice 1: | += |
| Choice 2: | = |
| Choice 3: | Both |
| Choice 4: | None |
| Correct Answer: | 1 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 22 |
| Question: | C# types are defined in ____, organized by ____, compiled into ____, and then grouped into ____. |
| Answer Choices | |
| Choice 1: | files, modules, namespaces, assemblies |
| Choice 2: | files, namespaces, assemblies, modules |
| Choice 3: | files, assemblies, namespaces, modules |
| Choice 4: | files, namespaces, modules, assemblies |
| Correct Answer: | 4 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 23 |
| Question: | Which C# statement is actually a shortcut for calling the Enter and Exit methods of the Monitor class? |
| Answer Choices | |
| Choice 1: | Mutex |
| Choice 2: | Lock |
| Choice 3: | Semaphore |
| Choice 4: | Thread |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |
| Topic / Module: | |
| Q. No.: | 24 |
| Question: | 7. Which of the following namespace should you use to access the registry from C# code? |
| Answer Choices | |
| Choice 1: | System.MarshalByRefObject |
| Choice 2: | System.Environment |
| Choice 3: | Microsoft.Win32 |
| Choice 4: | System.LocalDataStoreSlot |
| Correct Answer: | 3 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 25 |
| Question: | You work as software developer at XYZ Ltd. You need to develop Win Form that provides online help for users. You want the help functionality to be available when users press the F1 key. Help text will be displayed in a pop-up window for the text box that has focus. To implement this functionality, you need to call a method of the HelpProvider control and pass the text box and the help text. What should you do? |
| Answer Choices | |
| Choice 1: | SetShowHelp |
| Choice 2: | SetHelpString |
| Choice 3: | SetHelpKeyword |
| Choice 4: | ToString |
| Correct Answer: | 2 |
| Difficulty Level: | Difficult |
| Reference: (If question taken from book/ | Unknown |

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| website/etc.) | |
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| Topic / Module: | |
| Q. No.: | 26 |
| Question: | <p>You are a developer for a XYZ Ltd. that provides free software over the Internet. You are developing an e-mail application that users all over the world can download.</p> <p>The application displays text strings in the user interface. At run time, these text strings must appear in the language that is appropriate to the locale setting of the computer running the application. You have resources to develop versions of the application for only four different cultures. You must ensure that your application will also be usable by people of other cultures.</p> <p>How should you prepare the application for deployment?</p> |
| Answer Choices | |
| Choice 1: | Package a different assembly for each culture |
| Choice 2: | Package a different executable file for each culture. |
| Choice 3: | Package a main assembly for source code and the default culture. Package satellite assemblies for the other cultures. |
| Choice 4: | Package a main assembly for source code. Package satellite assemblies for each culture. |
| Correct Answer: | 3 |
| Difficulty Level: | Difficult |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 27 |
| Question: | <p>You use Visual Studio .NET to create a Windows-based application that will track XYZ sales. The application's main object is named XYZ. The XYZ class is created by the following definition:</p> <pre>public class XYZ { . }</pre> <p>You write code that sets properties for the XYZ class. This code must be executed as soon as an instance of the XYZ class is created. Now you need to create a procedure in which you can place your code.</p> <p>Which code segment should you use?</p> |
| Answer Choices | |
| Choice 1: | public XYZ() |
| Choice 2: | public void XYZ () |
| Choice 3: | public bool XYZ () |
| Choice 4: | public New() |
| Correct Answer: | 1 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 28 |
| Question: | You develop a Windows-based application by using Visual Studio .NET. The application includes a form named XYZForm and a class named Contact. XYZForm includes a button named cmdCreateContact. You must ensure that your application creates an instance of Contact when a user clicks this button. You want to write the most efficient code possible. Which code segment should you use? |
| Answer Choices | |
| Choice 1: | Contact contact = new Object(); |
| Choice 2: | Contact contact = new Contact; |
| Choice 3: | Object contact = new Contact; |
| Choice 4: | Contact contact = new Object; |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 29 |
| Question: | You are creating an ASP.NET page for XYZ. You create a DataGrid control that displays past purchases made by the user. The DataGrid control is populated from an existing database when the page is created. The page contains TextBox controls that allow users to update their personal information, such as address and telephone number. You need to ensure that the page is refreshed as quickly as possible when users update their contact information. What should you do? |
| Answer Choices | |
| Choice 1: | Set the Enable property of the DataGrid control to false |
| Choice 2: | Set the EnableViewState property of the DataGrid to false. |
| Choice 3: | Write code in the Page.Load event handler that populates the DataGrid control only when the IsPostBack property of the page is false. |
| Choice 4: | Write in the Page.Load event handler that populates the DataGrid control only when the IsPostBack property of the page is true. |
| Correct Answer: | 4 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 30 |
| Question: | 6. Look at the statement below. What is a type of names? <pre>foreach (string name in names) { strNames+=name; }</pre> |

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| Answer Choices | |
| Choice 1: | An one-dimensional array of strings |
| Choice 2: | ArrayList. |
| Choice 3: | string. |
| Choice 4: | Both a and b are true |
| Correct Answer: | 4 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 31 |
| Question: | <p>What is the output of following C# code ?</p> <pre> using System; class MainClass { static void Main() { string str = null ; if(str == "") Console.WriteLine("True") ; else Console.WriteLine("False") ; } } </pre> |
| Answer Choices | |
| Choice 1: | True |
| Choice 2: | False |
| Choice 3: | Syntax error |
| Choice 4: | NullReferenceException |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 32 |
| Question: | <p>What is the output of following C# code ?</p> <pre> class MainClass { static int Main() { System.Console.WriteLine(1 + 2 + " Strings " + false + "!"); return 0; } } </pre> |

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| Answer Choices | |
| Choice 1: | Syntax Error |
| Choice 2: | 3 Strings False! |
| Choice 3: | 12 Strings False! |
| Choice 4: | 3 Strings False |
| Correct Answer: | 3 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 33 |
| Question: | What is Boxing? |
| Answer Choices | |
| Choice 1: | The conversion of a value type to an object instance |
| Choice 2: | The conversion of an object instance to a value type. |
| Choice 3: | The conversion of a value type to reference type |
| Choice 4: | The conversion of a reference type to a value type |
| Correct Answer: | 1 |
| Difficulty Level: | Difficult |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 34 |
| Question: | 2. It is possible for a derived class to define a member that has the same name as the member in its base class. Which of the following keywords would you use if your intent is to hide the base class member? |
| Answer Choices | |
| Choice 1: | Virtual |
| Choice 2: | Sealed |
| Choice 3: | Ref |
| Choice 4: | New |
| Correct Answer: | 4 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 35 |
| Question: | 1. Which one will not combine with override |
| Answer Choices | |
| Choice 1: | Static |
| Choice 2: | New |

| | |
|---|----------------------|
| Choice 3: | Virtual |
| Choice 4: | 1 and 2 and 3 |
| Correct Answer: | 4 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|--|
| Topic / Module: | |
| Q. No.: | 36 |
| Question: | Which of the following is Executes the Command and returns a Single Value? |
| Answer Choices | |
| Choice 1: | ExecuteNonQuery() |
| Choice 2: | ExecuteScalar(). |
| Choice 3: | ExecuteReader(). |
| Choice 4: | ExecuteXmlReader() |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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| Topic / Module: | |
| Q. No.: | 37 |
| Question: | In case of interfaces which of the following holds good |
| Answer Choices | |
| Choice 1: | Not possible to declare fields |
| Choice 2: | You can create a property but not define it |
| Choice 3: | Interfaces serve as base classes from which you can create derived classes |
| Choice 4: | All the above are correct |
| Correct Answer: | 2 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|-----------------|--|
| Topic / Module: | |
| Q. No.: | 38 |
| Question: | Which of the following is true for a special member of the class namely 'this' |
| Answer Choices | |
| Choice 1: | this cannot be used in a static method |
| Choice 2: | this cannot be used in a class A to access a member of class B |
| Choice 3: | The this member can never be declared: it is automatically implied when you create a class |
| Choice 4: | All the above are correct |
| Correct Answer: | 4 |

| | |
|---|---------|
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|---|
| Topic / Module: | |
| Q. No.: | 39 |
| Question: | Current thread property of the Thread class returns ----- |
| Answer Choices | |
| Choice 1: | Main thread |
| Choice 2: | Thread in which it is defined |
| Choice 3: | Any active thread in the program |
| Choice 4: | None of the above |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|---|
| Topic / Module: | |
| Q. No.: | 40 |
| Question: | What is the difference between Array and ArrayList Classes? |
| Answer Choices | |
| Choice 1: | Array is a standard array whereas ArrayList is a collection of arrays |
| Choice 2: | Array is a fixed array whereas ArrayList is a dynamic array |
| Choice 3: | Array can be resized whereas ArrayList cant' be resized |
| Choice 4: | Both are same |
| Correct Answer: | 2 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|--|
| Topic / Module: | |
| Q. No.: | 41 |
| Question: | In Vb.net, abstract class is specified using the keyword |
| Answer Choices | |
| Choice 1: | MustInherit |
| Choice 2: | Abstract |
| Choice 3: | Inherit |
| Choice 4: | MustOverride |
| Correct Answer: | 1 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---------------|--|
| website/etc.) | |
|---------------|--|

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|---|---|
| Topic / Module: | |
| Q. No.: | 42 |
| Question: | In vb.net, for declaring an event signature, what keyword must use? |
| Answer Choices | |
| Choice 1: | Signature |
| Choice 2: | Eref |
| Choice 3: | Event |
| Choice 4: | Declare |
| Correct Answer: | 3 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

| | |
|---|---|
| Topic / Module: | |
| Q. No.: | 43 |
| Question: | Which can help to prevent logic errors and data loss that can occur when the work is done between variables of different types? |
| Answer Choices | |
| Choice 1: | Option Strict |
| Choice 2: | Option Restrict |
| Choice 3: | Option Limit |
| Choice 4: | Option |
| Correct Answer: | 1 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|----------------------------|
| Topic / Module: | |
| Q. No.: | 44 |
| Question: | Structure is of _____ type |
| Answer Choices | |
| Choice 1: | Simple |
| Choice 2: | Value |
| Choice 3: | Reference |
| Choice 4: | Object |
| Correct Answer: | 2 |
| Difficulty Level: | Easy |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|-----------------|----|
| Topic / Module: | |
| Q. No.: | 45 |

| | |
|---|---|
| Question: | Which of the following depicts a Satellite Assembly? |
| Answer Choices | |
| Choice 1: | Assembly used to localize the application |
| Choice 2: | Strongly names Assembly |
| Choice 3: | Assembly created by Microsoft for .NET base Class Library |
| Choice 4: | Assembly created to share through satellite. |
| Correct Answer: | 1 |
| Difficulty Level: | Difficulty level - 2 |
| Reference: (If question taken from book/ website/etc.) | Unknown |

| | |
|---|---|
| Topic / Module: | |
| Q. No.: | 46 |
| Question: | Can an Asp.net application be run without Global.asax & Global.resx file? |
| Answer Choices | |
| Choice 1: | No |
| Choice 2: | Yes |
| Choice 3: | Without Global.asax but with Global.resx |
| Choice 4: | Without Global.resx but with Global.asax |
| Correct Answer: | 2 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

| | |
|---|--|
| Topic / Module: | |
| Q. No.: | 47 |
| Question: | Select the invalid parameter in vb.net |
| Answer Choices | |
| Choice 1: | ByVal |
| Choice 2: | Optional ByVal |
| Choice 3: | ByRef |
| Choice 4: | Out |
| Correct Answer: | 4 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|-----------------|--|
| Topic / Module: | |
| Q. No.: | 48 |
| Question: | what methods are fired during the page load? |
| Answer Choices | |
| Choice 1: | Init(),Load(),Unload(),PreRender() |
| Choice 2: | Load(),Init(),PreRender(),Unload() |
| Choice 3: | Init(),Load(),PreRender(),UnLoad() |

| | |
|---|------------------------------------|
| Choice 4: | Init(),Load(),UnLoad(),PreRender() |
| Correct Answer: | 3 |
| Difficulty Level: | Difficult |
| Reference: (If question taken from book/ website/etc.) | Unknown |

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|---|---|
| Topic / Module: | |
| Q. No.: | 49 |
| Question: | Which of the following class declarations create a new exception named ValidationException? |
| Answer Choices | |
| Choice 1: | [Exception()] |
| Choice 2: | public class ValidationException {} |
| Choice 3: | public exception ValidationException; |
| Choice 4: | public class ValidationException : System.Exception {} |
| Correct Answer: | 4 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

| | |
|---|--|
| Topic / Module: | |
| Q. No.: | 50 |
| Question: | when do u say assembly is not compatible |
| Answer Choices | |
| Choice 1: | when major and minor changed |
| Choice 2: | when build number changed |
| Choice 3: | when revision changed |
| Choice 4: | 2 and 3 |
| Correct Answer: | 1 |
| Difficulty Level: | Intermediate |
| Reference: (If question taken from book/ website/etc.) | Unknown |

Q. No. 51

Question:

Which of the following is not a .NET compatible language?

Answer Choices

A: C#, J#

B: VB.NET

C: Managed C++

D: Java

Q. No. 52

Question:

Common language specification (CLS)

Answer Choices

A: is an execution engine for all .NET applications.

B: is similar to JVM as in Java.

C: defines standard rules for defining .NET compliant languages.

D: is a compiler.

Q. No. 53

Question:

Common Type Structure (CTS)

Answer Choices

A: defines data types in order to be run by CLR.

B: defines a set of rules for all compilers to generate managed code for .NET.

C: describes a set of features that different languages have in common.

D: All of the above.

Q. No. 54

Question:

Which of the following statements is correct about Managed Code?

Answer Choices

A: Managed code is the code that is compiled by the JIT compilers.

B: Managed code is the code where resources are Garbage Collected.

C: Managed code is the code that is written to target the services of the CLR.

D: Managed code is the code that runs on top of Windows.

Q. No. 55

Question:

Contents of assembly file can be investigated using

Answer Choices

A: ILDASM.exe

B: ILDASM.dll

C: ILDASM.inc

D: ILDASM.aspx

Q. No. 56

Question:

The job of JIT or jitter is to (Choose all that apply)

Answer Choices

A: Compile CIL into machine-specific-code.

B: Cache the compiled results in memory for later use.

C: Compile code into CIL

D: Both A and B

Q. No. 57

Question:

Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

Answer Choices

A: gacutil

B: ngen

C: sn

D: ildasm

Q. No. 58

Question:

What are the configuration file used by the .NET Framework?

Answer Choices

A: Machine configuration, Machine config file

B: Application configuration file

C: Security configuration file

D: All of the above

Q. No. 59

Question:

Which of the following is not the content of the assembly manifest?

Answer Choices

A: Version number

B: Strong name

Q. No. 60

Question:

WCF services can communicate with _____.

Answer Choices

A: all programming languages

B: XML

C: only the languages included with Visual Studio .NET

D: multiple platforms and multiple languages

Q. No. 61

Question:

Which of the following data types are value types?

1. int, uint, float, doubl

2. short, ushort

3. string

4. long, ulong

5. byte, sbyte

6. object

Answer Choices

A: 1, 2, 3, 4

B: 1, 2

C: 1, 2, 4, 5

D: 3, 6

Q. No. 62

Question:

Which of the following statement is correct regarding the output of C# program given below:
using System;

namespace PlacementYogi

{

class DataTypes

{

static void Main(string[] args)

{

int result;

```
short var1 = 30;
short var2 = 300;
result = var1 * var2;
Console.WriteLine(result);
}
}
}
```

Answer Choices

A: An error is reported as widening conversion cannot take place.

B: During arithmetic operation, if the result exceeds the high or low value of the range, value wraps around till the other side of the range.

C: An overflow error will be thrown since the result of the multiplication exceeds the range of a Short Integer.

D: Value 8000 will be printed on console.

Q. No. 63

Question:

Which one of the following options is not Relational Operators in C#?

Answer Choices

A: &&, ||

B: ==, !=

C: <, >

D: <=, >=

Q. No. 64

Question:

What is the output of the following program?

using System;

namespace PlacementYogi

```
{
    class Operators
    {
        public static void Main(String[] args)
        {
            byte a1 = 0xAB;
            byte a2 = 0x99;
            byte result;
            result = (byte)~a2;
        }
    }
}
```

```
        Console.Write(result + " ");  
        result = (byte)(a1 << a2);  
        Console.Write(result + " ");  
        result = (byte)(a2 >> 3);  
        Console.WriteLine(result);  
    }  
}  
}
```

Answer Choices

A: 102 0 19

B: 102 1 19

C: 102 0 38

D: 1 0 1

Q. No. 65

Question:

Which of the following option is the correct way to define and initialise an array of 3 integers?

1. `int[] p = {10, 20, 30};`
2. `int[] p;`
`p = new int{10, 20, 30};`
3. `int[] p;`
`p = new int[3]{10, 20, 30};`
4. `int[] p;`
`p = new int[2];`
`p[0] = 10;`
`p[1] = 20;`
`p[2] = 30;`
5. `int[] p;`
`p = new int[3];`
`p[0] = 25;`
`p[1] = 30;`
`p[2] = 40;`

Answer Choices

A: All

B: 1 only

C: 1,2,4

D: 1,3,5

Q. No. 66

Question:

What is a purpose of a delegate?

Answer Choices

-
- A: To spawn an additional thread to provide parallel processing
B: To copy member methods and properties from an existing class
C: To enable an assembly to respond to an event that occurs within a class
D: To provide identical member methods and properties from multiple related classes.

Q. No. 67

Question:

What is boxing?

Answer Choices

- A: Encapsulating an object in a value type.
B: Encapsulating a copy of an object in a value type.
C: Encapsulating a value type in an object.
D: Encapsulating a copy of a value type in an object.

Q. No. 68

Question:

Match the following ArrayList methods and properties:

| Methods | Properties |
|---------------|--|
| A. Capacity | 1. Gets the number of elements currently in the list |
| B. Count | 2. Removes the element at the specified place |
| C. RemoveAt() | 3. Gets or sets the number of elements in the list |

Answer Choices

- A: A3, B1, C2** B: A1, B2, C3
C: A2, B3, C1 D: A1, B3, C2

Q. No. 69

Question:

In which of the following collections is the Input/Output based on a key?

1. Map
2. Stack
3. BitArray
4. HashTable
5. SortedList

Answer Choices

A: 1 and 2 only

B: 2 and 3 only

C: 1, 2 and 3 only

D: All of the above

Q. No. 70

Question:

Which of the following statements is correct about the C#.NET program given below?

```
using System;
namespace IndiabixConsoleApplication
{
    class MyProgram
    {
        static void Main(string[] args)
        {
            int index = 6;
            int val = 44;
            int[] a = new int[5];
            try
            {
                a[index] = val ;
            }
            catch(IndexOutOfRangeException e)
            {
                Console.Write("Index out of bounds ");
            }
            Console.Write("Remaining program");
        }
    }
}
```

Answer Choices

A: Value 44 will get assigned to a[6].

B: It will output: Index out of bounds

C: It will output: Remaining program

D: It will output: Index out of bounds Remaining program

Q. No. 71

Question:

Which of the following statements are correct about exception handling in C#.NET?

1. If an exception occurs then the program terminates abruptly without getting any chance to recover from the exception.

Which method of the DataSet object is used to return the DataSet's contents in XML form as a string.

Answer Choices

A: GetXml() B: ReadXml() C: WriteXml() D: SetXml()

Q. No. 76

Question:

ADO.NET provides the ability to create and process in-memory databases called:

Answer Choices

A: views. B: relations. C: tables. **D: datasets.**

Q. No. 77

Question:

What does ADO stand for?

Answer Choices

A: Advanced Data Objects
B: Active Data Objects
C: ActiveX Directory Objects
D: ActiveX Data Objects

Q. No. 78

Question:

Which is/are DataAdapter Events?

Answer Choices

A: OnRowUpdating B: OnRowUpdated
C: Both 1 & 2 D: onRowDeleting

Q. No. 79

Question:

_____ is a bridge between a DataSet and data source for retrieving and saving data.

Answer Choices

A: DataControler B: DataCommand **C: DataAdapter** D: None

Q. No. 80

Question:

Which of the following is NOT true?

Answer Choices

A: A WCF Service can be consumed by Windows applications

B: A WCF Service can be consumed by Web applications

C: A WCF Service can perform calculations

D: A WCF Service cannot return a dataset

Q. No. 81

Question:

Data that is in _____ format can pass through many firewalls that _____ cannot penetrate.

Answer Choices

A: binary, text

B: text, binary

C: SOAP, WCF

D: WCF, SOAP

Q. No. 82

Question:

Web.config file is used...

Answer Choices

A: Configure the time that the server-side code behind module is called

B: To store the global information and variable definitions for the application

C: To configure the web server.

D: To configure the web project.

Q. No. 83

Question:

The first event triggers in an aspx page is..

Answer Choices

A: Page_load()

B: Page_click()

C: Page_Init()

D: Page_destoy()

Q. No. 84

Question:

Attribute must be set on a validator control for the validation to work.

Answer Choices

A: ControlToValidate

B: ControlToBind

C: ValidateControl

D: Validate

Q. No. 85

Question:

If a developer of ASP.NET defines style information in a common location. Then that location is called as

Answer Choices

A: Master Page

B: Theme

C: Customization

D: None of the Above

Q. No. 86

Question:

Which of the following is TRUE about Windows Authentication in ASP.NET?

Answer Choices

A: Automatically determines role membership

B: Role membership determined only by user programming

C: ASP.NET does not support Windows Authentication

D: None of the Above

Q. No. 87

Question:

What section of the config.Web file is used for storing a list of authorized users?

Answer Choices

A: authorization

B: authentication

C: securityPolicy

D: None

Q. No. 88

Question:

The different implementations of LINQ are:

1. LINQ to SQL - Refers to a component of .NET Framework version 3.5 that provides a run-time infrastructure to manage relational data as objects.
 2. LINQ to DataSet - Refers to a component that makes it easier and faster to query over data cached in a DataSet object.
 3. LINQ to XML - Provides an in-memory XML programming interface.
 4. LINQ to Objects - Refers to the use of LINQ queries with any IEnumerable or IEnumerable(T) collection directly, without the use of an intermediate LINQ provider or API, such as LINQ to SQL or LINQ to XML.
- Answer Choices

Answer Choices

A: 1, 2, 3

B: 1, 2

C: 1,2,3,4

D: All of these.

Q. No. 89

Question:

Select the control which does not have any visible interface

Answer Choices

A: Datalist

B: DropDownList

C: Repeater

D: Datagrid

Q. No. 90

Question:

Which control supports paging

Answer Choices

A: Repeater

B: Datagrid

C: Both

D: None

| Questions | Answer Option (Only 4 options to be given : A, B, C and D) | Correct Answer |
|-----------|---|----------------|
|-----------|---|----------------|

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|--|---|-----------------------------------|
| | | er (only one optio n) |
| Q.No.91 Any process can be divided into multiple _____ | A: programs B: Threads C: Application Domains D: CLRs | C |
| Q.No.92 In order to compile a C# program from the command line, what command would you use? | A: cmd B: comp C: csc D: daml | C |
| Q.No.93 Code that you develop with a language compiler that targets the runtime is called..... | A: MSIL B: Managed Code C: Unmanaged Code D: Jit-compiled code | B |
| Q.No.94 What is the correct namespace for use with the SQL .NET Data Provider objects? | A: System.SQL B: System.Data.SqlConnections C: System.Data.SqlClient D: System.SqlConnections | C |
| Q.No.95 How many SqlDataReader objects can be open on one Connection at one time? | A: 4 B: 3 C: 1 D: 2 | C |
| Q.No.96 To which namespace does the HttpChannel class belong? | A: System.Remoting B: System.Runtime.Remoting.Channels.Http C: System.Runtime.Remoting D: System.Runtime.Remoting.Channels | B |
| Q.No.97 Which of the following methods will install a Windows service? | A: xcopy.exe B: regedit.exe C: setup.exe D: service.exe | C |

| | | |
|---|---|---|
| Q.No.98 Which tool can you use to pre compile a Windows application? | A: mscorcfg.msc B: ngen.exe C: caspol.msc D: caspol.exe | B |
| Q.No.99 Which class will allow you to programmatically work with your Windows service? | A: ServiceController B: ServiceConfiguration C: ServiceStatus D: ServiceControl | A |
| Q.No.100 Which control provides no visible interface elements? | A: DataList B: DropDownList C: Repeater D: Datagrid | C |
| Q.No.101 What is the valid event handler that occurs when a user closes his browser? | A: Session_End B: Browser_End C: Application_End D: Unload | A |
| Q.No.102 The Common Language Runtime (CLR) just in time (JIT) compilers compiles which item on an as-needed basis? | A: Class B: Method C: Assembly D: All above | B |
| Q.No.103 Pick the command line that would result in the C# compiler generating an XML documentation file: | A: csc /doc:HelloWorld.xml HelloWorld.cs B: csc /doc/docfile:HelloWorld.xml HelloWorld.cs C: csc /doc/out:HelloWorld.xml HelloWorld.cs D: csc /xml HelloWorld.cs | A |
| Q.No.104 What namespace must be used in order to use the DOM for XML support? | A: System.Data.XML B: System.Data.XML.DOM C: System.XML D: System.DOM | C |
| Q.No.105 What is the maximum number of cookies that can be allowed to a web site? | A: 1 B: 10 C: 20 D : More than 1024 | C |
| Q.No.106 What is the size of the session ID? | A: 32 bit long string B: 32 bit long double C: 32 bit long integer D: 32 bit long float | A |

| | | |
|--|---|---|
| Q.No.107 Which class is used to execute the SQL statement or stored procedure against a data source? | A: DataAdapter B: Command C: DataSet D: DataTable | C |
| Q.No.108 Which objects is used to create foreign key between tables? | A: DataRelation B: DataRelationship C: DataConstraint D: Datakey | A |
| Q.No.109 The _____ property of chekbox can slow down the application. | A: checked B: text C: autopostback D: render | C |
| Q.No.110 The _____ property of the comparevalidator control specifies the ID of the servecontrol to use for comparing values. | A: ControlToValidate B: CompareWith C: ControlToCompare D: ValueToCompare | A |
| Q.No.111 _____ is an XML/HTTP based protocol. | A: TCP B: SOAP C: FTP D: SMTP | B |
| Q.No.112 What is the transport protocol used to call a webservice? | A: HTTP B: SOAP C: FTP D: SMTP | A |
| Q.No.113 Which of the following is not a valid state management tool? | A: Query state B: Hidden Form Field C: Application State D: Cookies | A |
| Q.No.114 Where do you store the information about the user locale? | A: System.Web.user B: System.web C: System.Web.UI.User D: System.Web.UI.Page.Culture | D |

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| Q.No.115 What is the difference between Server.Transfer & Response.Redirect? | A: No Difference B: Server.Transfer needs a roundtrip, Response.Redirect does not C: Response.Redirect needs roundtrip, Server.Transfer does not D : Server.Transfer can transfer user between 2 applicaions | C |
| Q.No.116 Which of the following namespace should you use to access the registry from C# code? | A: System.MarshalByRefObject B: System.Environment C: Microsoft.Win32 D: System.LocalDataStoreSlot | B |
| Q.No.117 What layout mode is the default when a new Web Form is created? | A: GridBagLayout B: GridLayout C: FlowLayout D: FormLayout | B |
| Q.No.118 In ASP.NET in form page the object which contains the user name is? | A: Page.User.Identity B: Page.User.IsInRole C: Page.User.Name D: None of the Above | A |
| Q.No.119 What is the function of the CustomValidator? | A: It allows for custom C# client-side code to validate entries in a control. B: It allows for a custom mixture of validator controls to use one central control for the display of messages. C: It uses scripted client-side code to validate the entry in a control. D: It uses server-side code to validate the entry in a control. | C |
| Q.No.120 Which security file will override the machine configuration file? | A: Enterprise configuration B: Application configuration C: Security configuration D: User configuration | B |
| Q.No.121 What is the significance of Response.AddHeaders()? | A: Adds HTTP Headers to output stream B: Adds Tag to rendered Page C: Add Headers to the web site D: All the above | A |
| Q.No.122 What section of the config.Web file is used for storing a list of authorized users? | A: authorization B: authentication C: securityPolicy D: None of the above | A |

| | | |
|---|---|---|
| <p>Q.No.123</p> <p>What happens if an ASP.NET server control with event-handling routines is missing the runat = "server" attribute from its definition?</p> | <p>A: The control will operate as usual; the default is runat="server".</p> <p>B: The control will revert to being a client-side control and function as such.</p> <p>C: The control will not function; the default is runat= "client".</p> <p>D: The compilation of the application will fail.</p> | D |
| <p>Q.No.124</p> <p>The control used in ASP.NET to display information from data set but with better formatting and editing behavior is</p> | <p>A: Panel</p> <p>B: Button</p> <p>C: DataList</p> <p>D: All of the Above</p> | C |
| <p>Q.No.125</p> <p>What executable unit gets created when we build an ASP.Net application?</p> | <p>A: DLL</p> <p>B: EXE</p> <p>C: COM</p> <p>D: None of the above</p> | A |
| <p>Q.No.126</p> <p>What is the output format of the file the C# compiler produces?</p> | <p>A: Byte code</p> <p>B: IL</p> <p>C: Hex dump</p> <p>D: Intel Assembler</p> | B |
| <p>Q.No.127</p> <p>Which line causes a compile error in the following code?</p> <p>interface Test2</p> <pre>{ int Int2; void Method2A(int); string Method2B (); int Method2C(int, int); int Method2A(char); }</pre> | <p>A: Line 3</p> <p>B: Line 4</p> <p>C: Line 5</p> <p>D: Line 7</p> | A |

| | | |
|---|---|---|
| <p>Q.No.128</p> <p>What kind of delegate will be created for the following method?</p> <pre>public void Method12(object sender, System.EventArgs e) { ... }</pre> | <p>A: Single delegate B: Event delegate C: Multicast delegate D: Proxy delegate</p> | C |
| <p>Q.No.129</p> <p>Which property of the session object is used to set the local identifier ?</p> | <p>A: SessionId B: LCID C: Item D: key</p> | B |
| <p>Q.No.130</p> <p>The interface used by ASP.Net to create Unique Id's?</p> | <p>A: AppDomainSetup B: System.UI.Naming.Container C: IAsyncResult D: customFormatter</p> | B |
| <p>Q.No.131</p> <p>Given the following code segment, what will the value returned from the method be?</p> <pre>public int SomeFun() { int x = 42; int y = 12; int w; object o; o = x; w = y * (int)o; return w; }</pre> | <p>A: 46 B: 491 C: 504 D: Runtime error, Null Pointer exception!</p> | C |
| <p>Q.No.132</p> <p>To produce a dialog box similar to the Windows Print dialog box, which of the following controls would you use?</p> | <p>A: PrintPreviewDialog B: PrintDialog C: PrintBox D: SetupPrintDialog</p> | B |

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| Q.No.133 Which line must exist in the AssemblyInfo.cs file in order to "sign" the assembly? | A: [assembly: AssemblyKeyFile("")] B: [key: AssemblyKeyFile("")] C: [assembly: AssemblyKeyFile("myKeys.snk")] D: [key: AssemblyKeyFile("myKeys.snk")] | C |
| Q.No.134 What must be done before you can consume a web service? | A: Build a proxy library by using the TblImp.exe utility. B: Build a proxy library by using the Disc.exe utility. C: Build a proxy library by using the csc.exe utility. D: Build a proxy library by using the wsdl.exe utility. | D |
| Q.No.135 The feature in ASP.NET 2.0 that is used to fire a normal postback to a different page in the application is called | A: Theme B: Cross Page Posting C: Code-front D: None of the above | B |
| Q.No.136 Which property of the CheckedListBox allows you to preset the maximum number of items that can be selected? | A: MaxItems B: MaximumItems C: SelectionItems D: SelectionMode | D |
| Q.No.137 Which line of code will set the Link data for a LinkLabel? | A: this.linkLabel1.Text = "http:\\www.microsoft.com"; B: this.linkLabel1.Link = "http://www.microsoft.com"; C: this.linkLabel1.HyperLink = "http://www.microsoft.com"; D: None of the above. | D |
| Q.No.138 Which property will allow the user to enter more than one line in a text box? | A: MaxLines B: MultipleLines C: MultiLines D: MultiLine | D |
| Q.No.139 The _____ method of the server object is used by server and acts as an interface between the virtual/relative directories on the web server & the physical directories on the | A: Server.URLEncode() B: Server.MapPath() C: Server.HTMLEncode D: Server.Transfer() | C |

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| server | | |
| Q.No.140 What is a transaction? | A: A banking term. B: A concept used to describe a step in the business process. C: A combination of DML steps that must succeed or the data is returned to its initial state. D: A combination of DDL steps that must succeed or the data is returned to its initial state. | C |
| Q.No.141 Which code segment will populate a DataSet? | A: sqlDataProvider1.Fill (dsUsers1); B: sqlDataProvider.Fill (dataAdapter1); C: sqlDataAdapter.Fill (dsUsers1); D: sqlDataAdapter.Fill (dataAdapter1); | C |
| Q.No.142 The Parse event is triggered after which of these occurrences? | A: Data is sorted. B: Data is filtered. C: Data is bound to a control. D: Data is returned to the data source. | D |
| Q.No.143 You need to get access to a database that is stored on a server running Microsoft Access 2002. Which data adapter would you use? | A: SqlDataAdapter B: OleDbDataAdapter C: OleDbDataAdapter D: ODBCDataAdapter | B |
| Q.No.144 Which code segment would correctly expose the Convert() method of a web service? | A: public int Convert() { // write the method code here } B: private int Convert() { // write the method code here } C: protected int Convert() { // write the method code here } D: public Convert() { // write the method code here } | A |
| Q.No.145 What is the name of the process the browser uses to find the address of a web server? | A: DMZ B: DNS C: Active Directory D: Database lookup | B |

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| Q.No.146 Which of the following is not a member of ADODBCommand object? | A: ExecuteReader B: ExecuteScalar C: ExecuteStream D: Open | D |
| Q.No.147 What is the lifespan for items stored in viewstate? | A: Exists for the Life of the current page B: 20 mins C: 2 mins D: 2 sec | A |
| Q.No.148 Which namespace allows us to form authentication ? | A: System.Web.UI.Forms.Security B: System.Web.Security C: System.Web.Configuration D: System.Web.Services | B |
| Q.No.149 Setting the SelectedIndex property of a ListBox to -1 will | A: Cause an error. B: Cannot be done. C: De-select any selected item. D: Both a and b. | C |
| Q.No.150 Which is true about the name and text property of a control? | A: They are the same when the control is first created. B: The text property changes to match any changes in the name property. C: The name property changes to match any changes in the text property. D: They are never the same unless the programmer makes it that way. | A |
| Q.No.151 If in an ASP.NET application one want to create http handlers which of the interface is used? | A: IHttpHandlerFactory B: pipeline C: Handler D: None of the above | A |
| Q.No.152 What does the attribute dir="rtf" stand for? | A: The direction of RTF files. B: The encoding of RTF files. C: The direction for the display of characters. D: A directory listing of all RTF files. | C |
| Q.No.153 Which code-access class can be used to represent permissions related to network access? | A: NetworkPermission B: RemotePermission C: URLPermission D: SocketPermission | D |

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| Q.No.154 To dynamically add a context menu to your application, which section of code should be used? | A: MenuItem m = new MenuItem(); contextMenu1.MenuItems.Add (m); B: MenuItem m = new MenuItem(); contextMenu1.MenuItem.Add (m); C: MainMenu m = new MainMenu(); contextMenu1.MenuItems.Add (m); D: MainMenu m = new MainMenu(); contextMenu1.MenuItem.Add (m); | A |
| Q.No.155 Which Registry key would lead you to find the installed Windows service? | A: HKEY_LOCAL_MACHINE\Services B: HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services C: HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services D: HKEY_LOCAL_MACHINE\CurrentControlSet\Services | B |
| Q.No.156 Which method displays the custom control? | A: The Prerender B: Render C: Page_Load D: Display | B |
| Q.No.157 To debug an ASP.NET application, you need to attach to which process? | A: aspnet.exe B: asp.net.exe C: aspnet_debug.exe D: aspnet_wp.exe | D |
| Q.No.158 Which object can you use from the PaintEventArgs object in order to draw on your new control? | A: Graphics object. B: Drawing object. C: GDI+ object. D: Control object. | A |
| Q.No.159 What would the outcome of an application that contained this code be? private void Form1_Load (object sender, EventArgs e) { this.Hide(); } | A: The application would not compile. B: The program would run but no form would display. C: The program would run and display the form. D: A runtime error would occur. | C |

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| <p>Q.No.160</p> <p>What connection is used in ADO.NET to connect to an SQL Server 6.0?</p> | <p>A: Use the OleDbConnection class. B: Upgrade the server to SQL 7.0 and use the OleDbConnection class. C: Upgrade the server to SQL 2000 and use the OdbcConnection class. D: Upgrade the server to SQL 6.5 and use the SqlConnection class.</p> | <p>A</p> |
| <p>Q.No.161</p> <p>What is output of following code?</p> <pre>public void A() { int x; x=8; x *= 4 + 8 / 2; }</pre> | <p>A: 20 B: 30 C: 48 D: 64</p> | <p>D</p> |
| <p>Q.No.162</p> <p>What is wrong with the following code?</p> <pre>using System; using System.Drawing; using System.Windows.Forms; public class MyCustomControl: System.Windows.Forms.Control // override the OnPaint event of the Control class // draw your own user interface using GDI+ protected override void OnPaint (System.Windows.Forms.PaintE ventArgs e) { // using the PaintEventArgs object, call the methods of GDI+ }</pre> | <p>A: The OnPaint declaration is wrong. B: The OnPaint arguments are wrong. C: There is invalid inheritance. D: There is a missing declaration.</p> | <p>D</p> |
| <p>Q.No.163</p> <p>Which of the following activation requests would you use in client code to have a client-activated remote object?</p> | <p>A: ServerObject s = new ServerObject(); B: ServerObject s = (ServerObject) Activator.GetObject (...); C: ServerObject s = (ServerObject) new ServerObject(); D: ServerObject s = (ServerObject) Activator.CreateInstance(...);</p> | <p>D</p> |

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| <p>Q.No.164</p> <p>In which directory does the < application_name >.exe.config file belong?</p> | <p>A: In the bin directory of the application. B: In the root directory of the application. C: In the \Winnt\System32 directory. D: In the \Program Files\Microsoft.NET directory.</p> | <p>B</p> |
| <p>Q.No.165</p> <p>The following piece of code is intended to create a new TabPage in a TabControl. What will happen when you try to run this code?</p> <pre>TabPage tpMyNewTabPage = new TabPage(); tpMyNewTabPage.Caption = "Add Students"; tpMyNewTabPage.Size = new System.Drawing.Size (536, 398); Button b = new Button(); tpMyNewTabPage.Controls.Add (b);</pre> | <p>A: The program compiles and executes properly. B: The program compiles and causes a runtime error. C: The program does not compile because it is unable to add the button. D: The program does not compile because of a syntax error.</p> | <p>D</p> |
| <p>Q.No.166</p> <p>Why does the data not display using the following code?</p> <pre>studentConnection.Open(); studentCommand = studentConnection.CreateCommand(); studentCommand.CommandType = CommandType.Text; studentCommand.CommandText = "SELECT * FROM Student"; studentAdapter = new SqlDataAdapter (studentCommand); studentSet = new DataSet(); this.txtFirstName.DataBindings.Add ("Text", studentSet, "FirstName");</pre> | <p>A: The command object is instantiated incorrectly. B: The dataset object is instantiated incorrectly. C: The data binding is done incorrectly. D: The dataset has not been populated.</p> | <p>D</p> |
| <p>Q.No.167</p> <p>In ASP.NET what does the following return < %</p> | <p>A: Gives the memory working set B: Gives Error C: Return Null value</p> | <p>A</p> |

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| <p>Response.Write(System.Environment.WorkingSet.ToString())</p> <p>% ></p> | <p>D: None of the above</p> | |
| <p>Q.No.168</p> <p>Which of the following can you use to add a Toolbox bitmap to your control?</p> | <p>A: [ToolboxBitmap(typeof(NewControl), @"C:\Mylcons\NewControllcon.ico")]</p> <p>B: [ToolboxBitmap(typeof(NewControl))]</p> <p>C: [ToolboxBitmap(@"C:\Mylcons\NewControllcon.ico")]</p> <p>D: All of the above.</p> | D |
| <p>Q.No.169</p> <p>Which of the following techniques expose a new procedure for a new created control?</p> | <p>A: public string newProperty;</p> <p>B: private string newValue; public string newProperty { get { return newValue; } set { newValue = Value; } }</p> <p>C: public string newValue; public string newProperty { get { return newProperty; } set { newValue = newProperty; } }</p> <p>D: public string newValue; public string newProperty { get { return newValue; } set { newValue = Value; } }</p> | B |
| <p>Q.No.170</p> <p>Which code segment would test the validity of a role-based user?</p> | <p>A: AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal); if (WindowsBuiltInRole == Administrator) { // do something here }</p> <p>B: AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal); WindowsPrincipal w = (WindowsPrincipal) Thread.CurrentPrincipal; if (w.WindowsBuiltInRole == Administrator) { // do something here }</p> <p>C: AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal); WindowsPrincipal w = (WindowsPrincipal)</p> | B |

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| | <pre>Thread.CurrentPrincipal; if (w.IsInRole(WindowsBuiltInRole == Administrator)) { // do something here }</pre> <p>D:</p> <pre>AppDomain.CurrentDomain.SetPrincipalPolicy (PrincipalPolicy.WindowsPrincipal); WindowsPrincipal w = (WindowsPrincipal) Thread.CurrentPrincipal; if (w.IsInRole(WindowsBuiltInRole.Administrator)) { // do something here }</pre> | |
|--|---|--|

Q. No. 171

Question:

The .NET Framework consists of.

Answer Choices

- A: the .NET Framework Objects
- B: the common language runtime
- C: the .NET Framework class library

D: Both B and C options

Difficulty Level: Easy

Reference: ([https://msdn.microsoft.com/en-us/library/zw4w595w\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/zw4w595w(v=vs.110).aspx))

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Microsoft .NET

Q. No. 172

Question:

Which of the following is not the content of the assembly manifest?

Answer Choices

- A: Version number
- B: Strong name
- C: Culture
- D: Assembly source code**

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Inside .NET Framework

Q. No. 173

Question:

_____ takes IL assembly as an input and installs the assembly and its dependencies into Native Image Cache.

Answer Choices

A: NGEN B: NIC C: NextGen D: None of the mentioned.

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Inside .NET Framework

Q. No. 174

Question:

Which of the following is not JIT compiler type?

Answer Choices

A: Pre-JIT B: ECONO-JIT C: Normal-JIT **D: Post-JIT**

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Assembly Contents

Q. No. 175

Question:

Code that targets the Common Language Runtime is known as?

Answer Choices

A: Unmanaged

B: Distributed

C: Managed Code

D: Native Code

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Satellite Assembly

Q. No. 176

Question:

What is a satellite Assembly?

Answer Choices

A: A peripheral assembly designed to monitor permissions requests from an application.

B: A satellite assembly is a compiled library (DLL) that contains “localizable” resources specific to a given culture such as strings, bitmaps

C: An assembly designed to alter the appearance or .skin. of an application.

D: Any DLL file used by an EXE file.

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: .NET Framework

Q. No. 177

Question:

What namespace does the Web page belong in the .NET Framework class hierarchy?

Answer Choices

A: System.Web.Control

B: System.Web.RootBuilder

C: System.Web.UserControl

D: System.Web.UI.Page

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: . NET Framework Class Library

Q. No. 178

Question:

Which of the following Class is not a part of System.Collections Namespace?

Answer Choices

A: Stack

B: ArrayList

C: Hashtable

D: Array

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: . NET Framework Class Library

Q. No. 179

Question:

Which of the following is not a namespace in the .NET Framework Class Library?

Answer Choices

A: System.Process

B: System.Security

C: System.Threading

D:

System.xml

Difficulty Level: Easy / Intermediate / Difficult

Reference: (Name of books)

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(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: . NET Framework Class Library

Q. No. 180

Question:

Which among the following does not belong to the C#.NET namespace?

Answer Choices

A: class

B: struct

C: enum

D: Data

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Strengths of C#

Q. No. 181

Question:

Can you overload a function with the same number and types of arguments (parameters) but with a different return type?

Answer Choices

A: Yes

B: No

C: Yes, but only if function is static

D: Yes, but only if function is virtual

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Strengths of C#

Q. No. 182

Question:

Which of the following are true about constructors and member functions?

Answer Choices

A: A constructor can return values, but a member function cannot

B: A member function can declare and define values, but a constructor cannot

C: A member function can return values, but a constructor cannot

D: All of the above

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Data Types

Q. No. 183

Question:

Which of the following are not C# value types?

Answer Choices

A: long

B: bool

C: struct

D: class

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Operators

Q. No. 184

Question:

Which of the following has the lowest precedence?

Answer Choices

A: Bitwise operators

B: Assignment operators

C: Multiplication and Division

D: Logical operators

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Arrays

Q. No. 185

Question:

How can you sort the elements of the array in descending order?

Answer Choices

A: System.Array.Clone()

B: By calling Sort() and then Reverse() methods.

C: By Calling Reverse()

D: By calling Sort()

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Arrays

Q. No. 186

Question:

Which copy Array.Clone() method perform?

Answer Choices

A: Shallow Copy

B: Hard Copy

C: Deep Copy

D:None

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Boxing and Unboxing

Q. No. 187

Question:

What is boxing?

Answer Choices

- A: Encapsulating an object in a value type.
- B: Encapsulating a copy of an object in a value type.
- C: Encapsulating a value type in a static type.
- D: Encapsulating a copy of a value type in an object.**

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Delegates

Q. No. 188

Question:

What is a delegate?

Answer Choices

- A: A strongly typed function pointer.**
- B: A light weight thread or process that can call a single method.
- C: A reference to an object in a different process.
- D: An inter-process message channel.

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module:

Q. No. 189

Question:

What's the implicit name of the parameter that gets passed into the set method/property of a class?

Answer Choices

A: Value

B: Data

C: Name

D: None of these

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Collections

Q. No. 190

Question:

Which of the following is NOT an interface declared in System.Collections namespace?

Answer Choices

A: IEnum

B: IComparer

C: IEnumerable

D: IEnumerator

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Error Handling (Exceptions Handling)

Q. No. 191

Question:

What is the output of this program?

```
class Output
{
    public static void main(String args[])
    {
        try
        {
```

```
int a = 5;
int b = 10;
int c = b / a - 5;
Console.WriteLine ("Csharp");
}
}
}
```

Answer Choices

A: Csharp B: sharp C: C **D: Compile time error**

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Error Handling (Exceptions Handling)

Q. No. 192

Question:

Which of these keywords are used for the block to handle the exceptions generated by try block?

Answer Choices

A: try **B: catch** C: throw D: check

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: ASP.Net page events

Q. No. 193

Question:

What is true about PreInit event?

Answer Choices

A: Check the IsPostBack property to determine whether this is the first time the page is being processed.

B: Set a master page dynamically.

C: Set the Theme property dynamically.

D: **All of them**

Difficulty Level: Difficult

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: ASP.Net page events

Q. No. 194

Question:

When an ASP.NET page runs, which event will fire first?

Answer Choices

A: Load

B: PreLoad

C: Init

D: **PreInit**

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: ASP.Net page directives

Q. No. 195

Question:

The attributes of the Page directive are

Answer Choices

A: AutoEventWireup

B: ErrorPage

C: Src

D: **All of them**

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Dealing withPostBacks

Q. No. 196

Question:

The feature in ASP.NET that is used to fire a normal postback to a different page in the application is called

Answer Choices

A: Theme

B: Cross Page Posting

C: Code-front

D: None of them

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: ASP .NET Server Controls

Q. No. 197

Question:

Which of following button control are provided in ASP.NET?

Answer Choices

A: Button

B: Link Button

C: Image Button

D: All of them

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Master Page

Q. No. 198

Question:

Which control is required inside a content page to reference ContentPlaceHolder control inside the master page?

Answer Choices

A: Content control on a content page.

B: ContentPlaceHolder on a content page.

C: Placeholder control is required on content page.

D: None of the above.

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Theme

Q. No. 199

Question:

At which level Theme can be applied?

Answer Choices

A: Page level

B: Site level (through the Web.config file)

C: Individual control level

D: All of the above.

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Themes

Q. No. 200

Question:

If a developer of ASP.NET defines style information in a common location. Then that location is called as

Answer Choices

A: Master Page

B: Theme

C: Customization

D: None of the Above

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Authentication

Q. No. 201

Question:

ASP.NET supports the following authentication providers.

Answer Choices

A: Windows

B: Forms

C: Passport

D: All of the mentioned

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Q. No. 202

Question:

Which of the following object is not an ASP component?

Answer Choices

A: LinkCounter

B: LinkButton

C: AdRotator

D: FileUpload

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: LINQ

Q. No. 203

Question:

Which of the following objects represents a LINQ to SQL O / R mapping?

Answer Choices

A: DataSet B: XElement C:ObjectContext **D: DataContext**

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: LINQ

Q. No. 204

Question:

How you can merge the results from two separate LINQ queries into a single result set.

Answer Choices

A: Use the ToList method.
B: Use the DataContractJsonSerializer class.
C: Use the XElement class.
D: Use the Concat method.

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: LINQ

Q. No. 205

Question:

LINQ query can work with?

Answer Choices

A: DataSet B: List<T> C: Array **D: All of the mentioned.**

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: LINQ

Q. No. 206

Question:

Which LINQ statement is used to merge two data sources to perform queries?

Answer Choices

A: where

B: select

C: **join**

D: group

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module:

Q. No. 207

Question:

Some control, by default, does not cause an automatic PostBack, i.e TextChanged event of TextBox. Which property will you set for automatic postback of these types of controls?

Answer Choices

A: isPostBack="false"

B: isPostBack="true"

C: PostBack="true"

D: AutoPostBack="true"

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: ADO.NET

Q. No. 208

Question:

Code snippet for having a named instance of SQL Server would be :

Answer Choices

A: "Server=localhost\\sqlexpress"

B: "Server=local\\sqlexpress"

C: "Server=host\\sqlexpress"

D: "Ser=localhost\\sqlexpress"

Difficulty Level: Easy / Intermediate / Difficult

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: ADO.NET

Q. No. 209

Question:

Syntax for closing and opening the connection in ADO.net is :

Answer Choices

A: sqlConn.Open() and sqlConn.close()

B: sqlConn.open() and sqlConn.Close()

C: sqlConn.Open() and sqlConn.Close()

D: None of the mentioned

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Remoting

Q. No. 210

Question:

How do we call methods in remoting Asynchronously in .NET?

Answer Choices

A: By using Delegates

B: By using NEW keyword

C: By using pointer

D: By using Non-default constructors

Difficulty Level: Difficult

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Web services

Q. No. 211

Question:

Web services use _____ to code and to decode data.

Answer Choices

A: SOAP

B: UDDI

C: XML

D: None of these

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: MVC

Q. No. 212

Question:

How to return the JSON from action method in ASP.Net MVC?

Answer Choices

A: return JSON()

B: return ActionResult()

C: return viewResult()

D: return Result()

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: MVC

Q. No. 213

Question:

ASP.NET MVC framework supports following action filters

Answer Choices

A: Action Filters

B: Authorization Filters

C: Result Filters

D: All of them

Difficulty Level: Difficult

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module:

Q. No. 214

Question:

Mode of storing ASP.NET session

Answer Choices

A: InProc

B: StateServer

C: SQL Server

D: All of the above

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: Session

Q. No. 215

Question:

Which of the following is not the way to maintain state?

Answer Choices

A: Request object

B: Cookies

C: Hidden fields

D: View state

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: authentication

Q. No. 216

Question:

Where do we include the user lists for windows authentication?

Answer Choices

A: <Credential> **B: <authorization>** C: <identity> D: <authentication>

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module:

Q. No. 217

Question:

By default, ASP.NET store SessionIDs in _____

Answer Choices

A: Cookies B: Cache C: Database D: Global variable

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module:

Q. No. 218

Question:

_____ is a property common in every validation control.

Answer Choices

A: ValidationExpression B: ValueToCompare
C: ControlToValidate D: ControlToCompare

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module:

Q. No. 219

Question:

_____ is the DataType return in IsPostBack property.

Answer Choices

A: bit

B: boolean

C: int

D: object

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: View master pages

Q. No. 220

Question:

The master page contains a placeholder tag _____ for individual content.

Answer Choices

A: <asp:ContentPlaceholder>

B: <asp:ContextPlaceholder>

C: <asp:ContentPlace>

D: None of them

Difficulty Level: Intermediate

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Topic / Module: View master pages

Q. No. 221

Question:

Which of the following is a valid skin code inside a skin file?

Answer Choices

A: <asp:TextBox BackColor="Yellow" BorderStyle="Dotted" ID="colorTxt" Runat="Server"/>

B: <asp:TextBox BackColor="Yellow" BorderStyle="Dotted" Runat="Server" />

C: <asp:TextBox BackColor="Yellow" BorderStyle="Dotted" ID="colorTxt" />

D: None of the above.

Difficulty Level: Difficult

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Q. No. 222

Question:

Which web server control is used to display advertisements in ASP.NET a webpage?

Answer Choices

A: Image

B: Imagemap

C: AdRotator

D: Panel

Difficulty Level: Easy / Intermediate / Difficult

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Q. No. 223

Question:

Which of the following server control shows data in a tabular format and allows sorting, paging, edit, delete each record?

Answer Choices

A: ListBox

B: GridView

C: Repeater

D: None of these

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Q. No. 224

Question:

AccessDataSource Control work with which of the following file types?

Answer Choices

A: .mpd file B: .mdf file **C: .mdb file** D: .myd file

Difficulty Level: Easy

Reference: (Name of books)

(If question taken from book) (Mention name of the book, author, ISBN)

Q. No. 225

Question:

Which method do you use to enforce garbage collection in .NET?

Answer Choices

- A: System.GC.Collect()
- B: System.GC()
- C: System.GC.Dispose()
- D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 226

Question:

The _____ method needs to be explicitly called in code to dereference an object from the heap.

Answer Choices

- A: Finalize
- B: Dispose
- C: Both A and B
- D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 227

Question:

Which is the root namespace for fundamental types in .NET Framework?

Answer Choices

-
- A: System
B: Object.System
C: System.Object
D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 228

Question:

There are separate compilers for the Visual Basic, C#, and Visual C++ programming languages in .NET Framework. Each .NET compiler produces an intermediate code after compiling the source code. The intermediate code is common for all languages and is understandable only to .NET environment. This intermediate code is known as

Answer Choices

- A: MSIL
B: MISL
C: CLR
D: CTS

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 229

Question:

What is the name of MSIL Disassembler utility that parses any .NET Framework assembly and shows the information in human readable format?

Answer Choices

- A: dasm.exe
B: Ildasm.exe
C: dasdm.exe
D: None of the Above.

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 230

Question:

We can use different versions of private assemblies in the same application without a re-build by specifying the assembly version in the _____ file.

Answer Choices

A: AssemblyInfo.cs or AssemblyInfo.vb

B: Global.cs or Global.vb

C: VersionInfo.cs or VersionInfo.vb

D: Both B and C

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 231

Question:

Which code is the code that is executed directly by the CLR instead of the operating system.

Answer Choices

A: Managed

B: Unmanaged

C: Secure

D: Unsecure

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 232

Question:

Which code is the code that is executed directly by the operating system outside the CLR environment.

Answer Choices

A: Managed

B: Unmanaged

C: Secure

D: Unsecure

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 233

Question:

Microsoft _____ provides the base for building applications and a clear separation between the UI and business logic

Answer Choices

A: WF

B: WCF

C: WPF

D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 234

Question:

WCF applications communicate with any process through _____ messages

Answer Choices

A: Simple Object Access Protocol

B: Same Object Access Protocol

C: Simple Open Access Protocol

D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 236

Question:

What will be the output of the code snippet.

```
int a = 29;
```

```
a--;
```

```
a -= ++a;
```

```
Console.WriteLine("The value of a is: {0}", a);
```

Answer Choices

A: -1

B: 28

C: 29

D: 0

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 237

Question:

Examine the following function definition

```
public void CreateAccount(string name, string address = "unknown", int age = 0);
```

Choose the valid function call

Answer Choices

A: CreateAccount("Sara", age: 30);

B: CreateAccount(address: "India", name: "Sara");

C: Both A and B

D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 238

Question:

Which namespace contains all the generic collections:

Answer Choices

A: Collection.Generic

B: System.Collections.Generic

C: Generic.Collection

D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 239

Question:

Which feature in MS.NET is similar to a class that is used for storing the reference to a method and invoking that method at runtime.

Answer Choices

- A: delegates
- B: function array
- C: interfaces
- D: NameSpace

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 240

Question:

Which of the following class is not part of the System.Collections namespaces

Answer Choices

- A: Arraylist
- B: Stack
- C: Array
- D: Queue

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 241

Question:

Which statement is true about array and collection:

Answer Choices

- A: You need to specify the size of an array at the time of its declaration. It cannot be resized dynamically, and The size of a collection can be adjusted dynamically, as per the user's requirement.
- B: You need not to specify the size of an array and a collection, both will be taken care by system at runtime.
- C: Array and Collection both can store values with different data types.
- D: A and C both.

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A.

Q. No. 242

Question:

Which assemblies are assemblies that are used to deploy language and culture specific resources for an application

Answer Choices

A: Private Assemblies

B: Shared Assemblies

C: Satellite Assemblies

D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 243

Question:

Which delegate is required to start a thread with one parameter?

Answer Choices

A: ThreadStart

B: ParameterizedThreadStart

C: ThreadStartWithOneParameter

D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 244

Question:

Which of the following is dictionary object?

Answer Choices

A: HashTable

B: SortedList

C: NameValueCollection

D: All of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 245

Question:

What will be the output of following code snippet?

```
public class EnumTest
{
    enum Days { Sun, Mon, Tue, Wed, Thu, Fri, Sat };

    static void Main()
    {
        int x = (int)Days.Sun;
        int y = (int)Days.Fri;
        Console.WriteLine("Sun = {0}", x);
        Console.WriteLine("Fri = {0}", y);
    }
}
```

Answer Choices

A: Sun = 0

Fri = 5

B: Sun = 1

Fri = 6

C: Sun

Fri

D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 246

Question:

When an exception is thrown, the _____ is responsible for handling this exception.

Answer Choices

A: GC

B: IL

C: CLR

D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 247

Question:

finally block is used

Answer Choices

A: to release resources used in try block

B: to acquire resources needed in try block

C: can be used for both

D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 248

Question:

Which of the following if not a valid web form page event?

Answer Choices

A: PreInit

B: PreLoad

C: PreRender

D: PreUnload

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 249

Question:

Which of the following if not a valid ASP.NET development model ?

Answer Choices

A: Web pages

B: MVC

C: Web forms

D: Web reports

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 250

Question:

Choose the incorrect statement –

Answer Choices

A: The MVC model provides full control over HTML, CSS, and JavaScript.

B: The MVC model defines web applications with 3 logic layers.

C: The MVC programming model is a lighter alternative to traditional ASP.NET (Web Forms).

D: None of the Above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 251

Question:

Which control is used as a container to store server controls that are dynamically added to the Web Page?

Answer Choices

A: HiddenField

B: ImageMap

C: Placeholder

D: None

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 252

Question:

Choose the correct statement –

Answer Choices

A: You can attach more than one validation control to an input control.

B: You can attach only one validation control to an input control.

C: You cannot attach validation control to an input control.

D: None of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 253

Question:

Which controls support templates?

Answer Choices

A: GridView

B: DataList

C: DetailsView

D: All of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 254

Question:

What is true about master page? Choose the correct option.

Answer Choices

A: You can not add more than one master page in a website.

B: Master page can be nested.

C: ContentPlaceholder control is required on a content page.

D: None of the above.

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: B

Q. No. 255

Question:

At which level Theme can be applied ?

Answer Choices

A: Page level

B: Site level (through the Web.config file)

C: Individual control level

D: All of the above.

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

.

Q. No. 256

Question:

To protect your ASP.NET application, you should perform the two fundamental functions are

Answer Choices

A: Authorization & Authentication

B: Authorization & Globalization

C: Authentication & Localization

D: Globalization & Localization

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

Q. No. 257

Question:

Which of the following is the default authentication mode for IIS?

Answer Choices

A: Anonymous

B: Windows

C: Basic Authentication

D: None

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: A

.

Q. No. 258

Question:

How you can merge the results from two separate LINQ queries into a single result set.

Answer Choices

A: Use the ToList method.

B: Use the DataContractJsonSerializer class.

C: Use the XElement class.

D: Use the Concat method.

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 259

Question:

LINQ query can work with?

Answer Choices

A: DataSet

B: List<T>

C: Array

D: All of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 260

Question:

Which interface defines the basic extension methods for LINQ?

Answer Choices

A: IComparable<T>

B: IList

C: IEnumerable

D: IQueryable<T>

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 261

Question:

Which LINQ statement is used to merge two data sources to perform queries?

Answer Choices

A: where

B: select

C: join

D: group

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 262

Question:

What are the three main objects of DataSet?

Answer Choices

A: DataTable, DataColumn, and DataType.

B: DataTable, DataRelation, and DataAdapter.

C: DataReader, DataAdapter, and DataSet.

D: DataTable, DataColumn, and DataRelation.

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 263

Question:

What happens when you call the Close method of a connection object?

1. The connection is destroyed.
2. The connection is returned to the connection pool.
3. The StateChangeEvent is fired.
4. All non - committed pending transactions are rolled back.

Answer Choices

A: 1, 2

B: 1,3

C: 2, 3, 4

D: All of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: C

Q. No. 264

Question:

The XmlWriter class is used to write XML to

Answer Choices

A: a stream

B: a file

C: a Textwriter object.

D: All of the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

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