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## **Scenarios in this PDF –**

- 1.COVIDSHIELD**
- 2.Acc Corp (100000 AND 50000)**
- 3.TechSoft(e-learning)**
- 4.Holiday Planners Hotel(pdf2)**
- 5.Holiday Planners Hotel(pdf3)**
- 6.ADV ADVENTURE COMPANY**
- 7.Doctor appointment booking**

## I. 11<sup>th</sup>Jan (Covidshield)

1. **Validated for 0,1,2 (“Member Details”): B.** [Range(0,2)]
2. **Developers want to display Date and Time..... : B.** RedirectResult
3. **Covishield: A**  
var customer = from m in entities .memberdetails where m.VaccineName == “Covishield”  
m.Gender == “Male” select m;
4. **ShowAllDetails() : C.** MemberID is set as Primary Key in the table.
5. **MemberDetails table: A**  
CREATE TABLE MemberVaccinationDetails(  
    MemberId int IDENTITY (102,1) PRIMARY KEY,  
    MemberName varchar (250) Not NULL,  
    Gender varchar (6) Not Null CHECK (Gender in ('Female', 'Male', 'Other'));  
    VaccinatedDate date Not NULL  
    DoseCount int Not NULL  
    VacaccineName varchar (50) Not Null, CHECK(VaccinanName in('Covishield', 'Covaxine'));  
    VaccineCenter varchar (50) Not NULL.  
    AmountPaid int NULL)
6. **Application should have same look and feel with outline as well: D.** All of the given choices
7. **Modify Member Details: A**
  - 1.Controller code  
    ViewBag.SaveMessage= “Save Successful”;
  - 2.View Code  
    @ViewBag .SaveMessage
8. **To handle error.., in MVC application : A and C**
  - A. Controller code  
        [HandleError(View= “Error”)]
  - C. Web.Config code  
        <customErrors mode= “On”/>
9. **AmountPaid Property: B.** public Nullable<int> AmountPaid {get;set;}
10. **Data from controller to View no type casting required: A.** ViewBag

## II. Acc Corp (100000 AND 50000) (19 pages)

1. **POST functionality of the login action: C**  
public ActionResult Login(EmployeeModel employee)
2. **Developer has to create a library with Repository class for database operations: B.** 3  
Entity Classes 1 Context Class
3. **Employee Name: Rahul Ajay**  
Employee ID: 1241  
Coverage: Rs. 200000  
Valid Till: 30 May 2022
4. **Employee ID: 1241**

**Coverage:** Rs. 200000

**Valid Till:** 30 May 2022 **A.** EmployeeInsurance

**5. Developer has to retrieve the employee name, in case employee login is successful and display a welcome message with the name of logged in employee. D.** The described approach is wrong because ViewBag lifetime is for the current request only. Use Session Instead

**6. Login Action in the LoginController class: D.** by changing defaults in the App\_Start/RoutConfig.cs file

**7. A file named “Master.cshtml” contains the header, footer and CSS references: B.** In the \_ViewStart.cshtml file, set Layout property to the path of the Master.cshtml file.

**8. To redirect the user to Error view(Error.cshtml) : A.** [HandleError(View= “Error”)]

**9. The image shows the navigation in the MVC app, for the Home, ViewCoverage ... : A**

For **Home/View:**

1. public ActionResult Home()

For **Coverage/ViewCoverage:**

1. public ActionResult ViewCoverage(string empid)

For **Coverage/UpdatCoverage:**

1. public ActionResult Update (string empld)

**10. Which of the following classes will best match the class generated by entity framework for Employee table: D. Insurance {get;set;} ans is long**

### **III. Holiday Planners Hotel(pdf2)**

- 1. Choose the correct EF query to search customer having address as Mumbai: A.** var customer = from c in entities.customerdetails where c.CustomerAddress == “Mumbai” select c;
- 2. “RemoveCustomer” coding question: A.** [HttpPost ActionName(“RemoveCustomer”)]
- 3. This request has been blocked because sensitive information could be disclosed to third party websites: C.** JsonRequestBehavior.AllowGet
- 4. Which file is used to set common layout across all views: A.** ViewStart.cshtml
- 5. Email Address property of the AdminModelClass.cs, the developer needs to ensure , the value cannot be empty and it must satisfy the email format: A and B** [Required] and [DataType(DataType.EmailAddress)]
- 6. Image is available in this question about Model Contents: A.** EF Designer from Database
- 7. Update Profile: AdminId, AdminFirstName .....** : D. Edit
- 8. Register Admin: AdminFirstName, AdminLastName .....**: A. RedirectToAction(“Login”);
- 9. Admin Login : B.** (Datatype.Password)
- 10. AdminDetails(Table is given): A.**

create table AdminDetails(AdminID int identity(10,1)primary key, AdminFullName varchar(50) not null,

AdminEmailID varchar(50) unique,  
AdminPassword varchar(10)not null)

## IV. TechSoft(e-learning)

1. **On submitting the register page validation error must be : B.** [Required (Error message= “Full name is Mandatory”)]
2. **Login link on the Register view redirect user to the login view of Login Controller: B.**  
Html.ActionLink(“Login”, “Login”)
3. **Select correct attribute to be added to the Email Property of Model class: D.** [DataType (Data Type. EmailAddress. ErrorMessage = “Invalid Email”)]
4. **Login Screenshot is available (2 options are available):** public ActionResult Login (UserModel user)
5. **To redirect user to Error view (Error.cshtml)...: A.** [Handle error (View = “Error”)]
6. **Successful registration, the user must be redirected to Login Page with Username.....: D.** TempData[“username”] = moduser. Email
7. **When user login is successful the user must be redirected to Course List view which lists out all the courses and on failed login a message must be displayed to the user on the same Login view.: B and C.** ViewResult and ActionResult
8. **Create Login Page Template: B.** Create

### 9.class Repository (Program): B and C

B. (from i in db.EUsers where i.Email == email && i.Password == pass select i);  
C. db.EUsers Where (i=> i.Email == email && i.Password == pass). Select(j=> j) ;

### 10.Login action method: C.

```
routes.MapRoute(  
    name : “Default”,  
    url: “{controller}/{action}/{id}”,  
    defaults: new {controller = “Login” , action = “Login” ,id = UrlParameter.Optional}  
);
```

**Answers:( According to group people)**

**1. Datatype.password**

**2. Admintable query: option a with int identity (10,1) primary key**

**3. multiple choice: (a) Required and (b)  
Datatype(Datatype.emailaddress)**

- 4. Update profile in screenshot; answer is edit**
  - 5. which approach? ans is EF designer from database**
  - 6. JSONRequestbehavior.allowget**
  - 7.HttpPost.ActionName("Remove customer")**
  - 8.Mumbai question: option A**
  - 9.Viewstart.cshtml**
- 
- 10. RedirectToAction("login")**

## I. TechSoft(e-learning)

1. [Required (Error message= "Full name is Mandatory")]
2. **Register (Login Controller): B.** Html.ActionLink("Login", "Login")
3. [DataType (Data Type. EmailAddress. ErrorMessage = "Invalid Error")]
4. public ActionResult Login (UserModel user)
5. **To redirect user to Error view (Error.cshtml)....: A.** [Handle error (View = "Error")]
6. **Successful registration, the user must be redirected to Login Page with Username.....: D.**  
TempData["username"] = moduser. Email
7. **Multiple choices:** ActionResult and ViewResult
8. **Multiple choices (queries):** Both the long queries are correct
9. **Create Login Page Template:** B. Create
- 10. Login login For Route**

## II. 11<sup>th</sup>Jan -COVIDSHIELD

1. **Validated for 0,1,2 ("Member Details"):** B. [Range(0,2)]
2. **Developers want to display Date and Time..... : C. ContentResult / B. RedirectResult**
3. **Covishield: A**  
var customer = from m in entities .memberdetails where m.VaccineName == "Covishield" m.Gender == "Male" select m;
4. **ShowAllDetails() :** C. MemberID is set as Primary Key in the table.
5. **MemberDetails table: A**  
CREATE TABLE MemberVaccinationDetails(  
    MemberId int IDENTITY (102,1) PRIMARY KEY,  
    MemberName varchar (250) Not NULL,  
    Gender varchar (6) Not Null CHECK (Gender in ('Female', 'Male', 'Other'));  
    VaccinatedDate date Not NULL  
    DoseCount int Not NULL  
    VacaccineName varchar (50) Not Null, CHECK(VaccinanName in('Covishield', 'Covaxine'));  
    VaccineCenter varchar (50) Not NULL.  
    AmountPaid int NULL)
6. **Application should have some look and feel with outline as well:** D. All of the given choices
7. **Modify Member Details: A**
  1. Controller code  
    ViewBag.SaveMessage= "Save Successful";
  2. View Code  
    @ViewBag .SaveMessage
8. **To handle error.., in MVC application : A and C**
  - A. Controller code  
    [HandleError(View= "Error")]
  - C. WebConfig code  
    <customErrors mode= :On"/>
9. **AmountPaid Property:** B. public Nullable<int> AmountPaid {get;set;}
10. **Data from controller to View no type casting required:** A. ViewBag

## III. Acc Corp (100000 AND 50000) (19 pages)

1. **POST functionality of the login action: C**

- public ActionResult Login(EmployeeModel employee)
2. **Developer has to create a library with Repository class for database operations: B.** 3 Entity Classes 1 Context Class
  3. **Employee Name:** Rahul Ajay  
**Employee ID:** 1241  
**Coverage:** Rs. 200000  
**Valid Till:** 30 May 2022  
**C. Details**
  4. **Employee ID:** 1241  
**Coverage:** Rs. 200000  
**Valid Till:** 30 May 2022 **A. EmployeeInsurance**
  5. **Developer has to retrieve the employee name , in case employee login is successful and display a welcome message with the name of logged in employee. D. Use Session Instead (at last is right)**
  6. **Login Action in the LoginController class: D.** by changing defaults in the App\_Start/RoutConfig.cs file
  7. **A file named “Master.cshtml” contains the header, footer and CSS references: B.** In the \_ViewStart.cshtml file, set Layout property to the path of the Master.cshtml file.
  8. **To redirect the user to Error view(Error.cshtml) : A.** [HandleError(View= “Error”)]
  9. **The image shows the navigation in the MVC app, for the Home, ViewCoverage ... : C/D**
  10. **Which of the following classes will best match the class generated by entity framework for Employee table: D.**

#### **IV. Holiday Planners Hotel(pdf2)**

1. **Choose the correct EF query to search customer having address as Mumbai: A.** var customer = from c in entities.customerdetails where c.CustomerAddress == “Mumbai” select c;
2. **“RemoveCustomer” coding question: A.** [HttpPost ActionName(“RemoveCustomer”)]
3. **This request has been blocked because sensitive information could be disclosed to third party websites: C.** JsonRequestBehavior.AllowGet
4. **Which file is used to set common layout across all views: A.** ViewStart.cshtml
5. **Email Address property of the AdminModelClass.cs, the developer needs to ensure , the value cannot be empty and it must satisfy the email format: A and B [Required] and [DataType(DataType.EmailAddress)]**
6. **Image is available in this question about Model Contents: A.** EF Designer from Database
7. **Update Profile: AdminId, AdminFirstName .....** : D. Edit
8. **Register Admin: AdminFirstName, AdminLastName .....** : A. RedirectToAction(“Login”);
9. **Admin Login : B.** (Datatype.Password)
10. **AdminDetails(Table is given): A.**  
create table AdminDetails(AdminID int identity(10,1)primary key,  
AdminFullName varchar(50) not null,

AdminEmailID varchar(50) unique,  
AdminPassword varchar(10)not null)

## V. Holiday Planners Hotel(pdf3)

1. **Login action method: C.**

```
routes.MapRoute(  
    name : "Default",  
    url: "{controller}/{action}/{id}",  
    defaults: new {controller = "Login" , action = "Login" ,id = UrlParameter.Optional}  
)
```

2. **Successful registration, the user must be redirected to Login Page with Username.....: D.**

TempData ["username"] = moduser.Email;

3. **Login: B.** public ActionResult Login(UserModel user)

4. **Select the correct attribute to be Email property of Model class to validate the correct email format and display the error message, (Register): D.**

[DataType(DataType.EmailAddress(ErrorMessage = "Invalid Email"))]

5. **When user login is successful the user must be redirected to Course List view which lists out all the courses and on failed login a message must be displayed to the user on the same Login view.: B and C.** ViewResult and ActionResult

6. **class Repository (Program): B and C**

B. (from i in db.EUsers where i.Email == email && i.Password == pass select i);

C. db.EUsers Where (i=> i.Email == email && i.Password == pass). Select(j=> j) ;

## SCENARIO EXAM

### SCENARIO-1 [ ADV ADVENTURE COMPANY]

Before moving on to next section to view the MCQ questions, please record your declaration (Yes or No) in the text box that you have completely read the scenario.

An ADV adventure company provides travel experience and solutions for the customer around the world. Its objective is to provide more enhanced support for the interest. For this to happen, company want to provide a more interactive and easy methods of selecting the available option through an automated application.

The application should be built with the following business scenarios:

- 1) Customer performs a purchase by selecting a package
- 2) Discount offers are provided based on each package
- 3) Once the purchase is made, an intimation mail is sent to the agency for confirmation
- 4) The agency will approve the request by verifying the customer and package details based on the availability.

The following requirements must be implemented for developing the application:

- 1) Create a Data model with appropriate relationship to capture:  
Customer details  
Package tour details  
Booking for a package by a customer  
Trip details
- 2) Create appropriate profiles, users by understanding the scenario and define the permissions and settings of OWD.
- 3) Create a workflow or process builder to send an email to the agency once the purchase record is created.
- 4) Create a vf page to display all the bookings of a customer using standard controller
- 5) Create an apex class which should return all bookings of customer.

#### Questions:

- 1) A visualforce page uses the booking object as a standard controller. Customer object is a parent of booking object. How can a developer display the name field rule of parent customer record on the page?
  - A. Use the SOQL syntax to find the related customer field
  - B. Use additional apex logic when the controller to query for the name field
  - C. Use the (!booking\_c customer\_c\_rName) merge field syntax
  - D. Use an additional standard controller for customer
- 2) In the company there are various levels of users according to their functional role. How the admin should be able to create users with levels?

## SCENARIO EXAM

- A. Organization wide default
  - B. Role hierarchy**
  - C. Profile
  - D. Sharing rule
- 3) After booking a travel package by a customer, the customized package has to be observed and approved by the seniors of the company. How this could implemented?
- A. Workflow
  - B. Profile
  - C. Approval process**
  - D. Flow builder
- 4) A developer is tasked with creating a scheme to track customer, package and booking details a single customer can have many bookings and single package can have many bookings. Each booking is owned and managed by a single user. Which scheme builder should be created to enable users to easily manage the bookings they own, without requiring the access to the customer of the package records?
- A. A lookup relationship to the customer object and a lookup relationship to the package object
  - B. A lookup relationship to the customer object and a master detailed relationship to the package object.
  - C. A master detailed relationship to the customer object and a master detailed relationship to the package object.**
  - D. A master detailed relationship to the customer object and a lookup relationship to the package object
- 5) Which type of controller should a developer use to display all the records for a custom object booking on a visualforce page?
- A. Standard controller
  - B. List controller**
  - C. Custom list controller
  - D. No controller required
- 6) A developer wants to apply custom styling in a visualforce page? which of the three options can be used?
- A. Inline CSS**
  - B. A static resource**
  - C. <apex:stylesheets> tag**
  - D. <apex:stylesheet> tag**

## SCENARIO EXAM

- 7) A unit test is written by a developer for an apex class method which returns all the Atlanta city customer records. What are the 2 ways for a developer to execute tests in an org (choose 2)?
- A. Bulk API
  - B. Developer console
  - C. Setup menu
  - D. Metadata API
- 8) A developer wants to override a new button using visualforce page which created booking object records. What should be used in the vf page to implement this? [B OR D]
- A. The object record must be .....controller
  - B. The standard controller attribute must be set to the booking object
  - C. The action attribute must be set to a controller method
  - D. The controller or extension must have a pageReference method
- 9) A customer will book a travel package. An email notification will be sent to a system admin after booking. Which feature of automation should be used to implement this functionality?
- A. Email alert
  - B. Profile
  - C. Approval process
  - D. Permission set
- 10) The OWD of booking object is private. After booking a travel package by a customer, the company assigns one tour guide to every booking. How can an admin make sure that a booking record should be accessible to appropriate guides?
- A. Grant read permission on booking object to profile of a guide
  - B. Create permission set with read permission on booking object and assign this permissions set to a guide
  - C. grant read, create permission on booking object of a profile of a guide
  - D. create sharing rule on booking object for booking....

## SCENARIO EXAM

### SCENARIO-2 [ Doctor appointment booking]

Before moving on to next section to view the MCQ questions, please record your declaration (Yes or No) in the text box that you have completely read the scenario.

Cloud 99 is the one of the famous hospital chains. The management of the cloud 99 asked Accenture to develop an application to ease the process of taking an appointment for a doctor. The users of this app are receptionist at hospital. An appointment can be taken over phone or face to face.

Functional requirements of the application.

1. Create a data model using following objects and field details
  - A. Doctor-
    - First-Name, Last-Name, Degree, Specialty, Email
  - B. Patient-
    - First-Name, Last-Name, Address, Phone, Age, Email
  - C. Appointment
    - Doctor, Patient, Date-of-Appointment, Time-of-Appointment.
  - D. Case paper-
    - Appointment, DoctorName(FirstName +LastName), PatientName(FirstName +LastName), Patient-Age, Charges.
  
2. Create formula fields for DoctorName and PatientName.
3. Create appropriate relationship between objects
4. Doctor object should contain field to display total number of appointments of a doctor by creating appropriate field.
5. Create a profile RECEPTIONIST. A user in this profile should be able Read, Create, Edit and Delete records of Patient and Appointment. Another object records a user should only be Read.
6. Design a process to create a Case paper automatically when an Appointment is taken
7. Create a workflow Rule to send an email to Patient and Doctor.
8. Create a VF page to display Doctor detailed and all his/her appointments (Hint: Pass an ID of any Doctor record to VF page)
9. Create Reports and Dashboard for the following cases:
  - a) Number of appoints per doctor.
  - b) Number of patients per doctor.

## SCENARIO EXAM

### Questions:

1. Identify the correct SOQL from the following to get all the appointments of all Doctors? (need to be corrected)
  - A. **SELECT Name, (SELECT Name, Appointments\_c from AppointmentsDoctors\_c**
  - B. SELECT Name, (SELECT Name, Appointments\_c from App
  - C. SELECT Name, (SELECT Name, Appointments\_c from Appointments\_c
  - D. SELECT Name, (SELECT Name, Appointments\_c from Appointments\_c
2. While configuring a process using process builder tool, select the valid options for executing actions when adding criteria?
  - A. **Conditions are met**
  - B. **Formula evaluates to true**
  - C. **No criteria- just execute true actions**
  - D. Execute all actions
3. The DoctorName formulae field created in the case paper object is what type of formulae?
  - A. **Cross-object**
  - B. Simple
  - C. Mixed
  - D. Inherited
4. Once the appointment is taken by a patient, a notification should be sent to the Doctor and Patient by an email. An administrator should select which action in workflow to implement this functionally?
  - A. Task
  - B. Field update
  - C. **Email alert**
  - D. Outbound message
5. As an admin which type of report you will create to display number of appointments for every doctor?
  - A. Join
  - B. **Summary**
  - C. Tabular
  - D. Join table

## SCENARIO EXAM

6. As an admin what type of field you will create in Doctor object to show all total number of Appointments of every doctor?
  - A. Formula
  - B. **Roll up summary**
  - C. Picklist
  - D. Picklist (multiselect)
  
7. A user in the RECEPTIONIST should be able to only read the records of the doctor object. What should be the value of organization wide default for doctor object?
  - A. Transfer
  - B. Private
  - C. **Public read only**
  - D. Public write only.
  
8. To create a case paper record automatically when an appointment is taken, which action as admin you will select in process builder?
  - A. Post to chatter
  - B. Update records
  - C. Processes
  - D. **Create a record.**
  
9. By using which type of controller for VF page the functionality to display Doctor details and all the appointments could be implemented [select 3]?
  - A. List controller
  - B. **Extension controller**
  - C. **Standard controller**
  - D. **Custom controller**
  
10. As a developer you wrote following apex code

```
Public class HospitalController{  
    Public static List<Doctor_c> getDoctorDetails (String docId){  
        Return (SELECT Id, Name, Specialty_c, Email_c  
                FROM Doctor_c  
                WHERE Id=docID;  
    }  
}
```

But this class shows error. Debug the code and suggest the solution
  - A. Change the parameter as Id docId
  - B. Remove the static keyword from the method
  - C. Change the return type of the method as List<Case\_c

**SCENARIO EXAM**

- D. Change the condition as  
WHERE iD= docId

## Birth Registration System

1. To redirect user to Error view(Error.cshtml) on any exception during on any exception during the login process , which of the below attribute should be added to the Login action method?

[HandleError(View="Error")]

[Error]

[Error(View="Error")]

[Redirect(View="Error")]

2. Developer wants to update the birth information , identify the correct POST implementation signature . Assume the BirthModel is a model class created to map with the Birth entity class.

Public ActionResult UpdateInfo()

Public ActionResult UpdateInfo(Models.BirthModel mod)

Public ActionResult UpdateInfo(int bid)

Public JsonResult UpdateInfo(Models.BirthModel mod)

3. Identify the correct code to be written in the Repository class for retrieving all the Birth details from the BirthInfo table.

Assumption :- BirthControlSystemDBEntities is DBcontext class , BirthInfo is an entity class and BirthInfoes is DBSet type.

```
Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
{
    List< BirthInfo> result=new List< BirthInfo>();
    result=(from l in db.BirthInfoes select i).ToList< BirthInfo >();
    return result;
}
```

```
Not sure

BirthControlSystemDBEntities db=new BirthControlSystemDBEntities()
{
    List< BirthInfo> result=new List< BirthInfo>();
    result=(from l in db.BirthInfoes select i);
    return result;
};
```

```
Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
{
    BirthInfo result=new BirthInfo();
    result=(from l in db.BirthInfoes select i).ToList< BirthInfo >();
    return result;
}
```

4. The User needs to add the birth details to DB, Identity the correct repository class code that fulfils the requirement.

Assumption :- BirthControlSystemDBEntities is DBcontext class , BirthInfo is an entity class and BirthInfoes is DBSet type.

```
public void AddEntry(BirthInfo obj)
{
    Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
    {
        db.BirthInfoes.Add(obj);
    }
}
```

```
public void AddEntry(BirthInfo obj)
{
    Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
    {
        db.BirthInfoes.Add(obj);
        Obj.SaveChanges();
    }
}
```

```

public void AddEntry(BirthInfo obj)
{
    Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
    {
        db.BirthInfoes.Add(obj);
        db.SaveChanges();
    }
}

```

} Not sure

- Developers wants to set the below page to be executed as the default page. Identify the correct code from the following.

```

Routes.MapRoute{
    Name:"Default",
    url:"{controller}/{action}/{id}",
    defaults:new {controller="Home", action="Index", id=UrlParameter.Optional}
}

```

```

Routes.MapRoute{
    Name:"Default",
    url:"{controller}/{action}/{id}",
    defaults:new {controller="Home", action="Create", id=UrlParameter.Optional}
}

```

```

Routes.MapRoute{
    Name:"Default",
    url:"{controller}/{action}/{id}",
    defaults:new {controller="Create", action="Home", id=UrlParameter.Optional}
}

```

```
Routes.MapRoute{  
    Name:"Default",  
    url:"{controller}/{action}/{id}",  
    defaults:new {controller="Home", action="Index1", id=UrlParameter.Optional}  
}
```

6. Select the correct command for creating BirthInfo table?

Note: Refer the birthInfo table structure given above in the scenario

See pic option 1 // most probably not sure

7. The MVC app requires a common look and feel so that all the view pages have the same header logo, footer image , background and font. A file named “Master.cshtml” contains the header , footer and CSS references. How will this file be used by all other views as their template?

1. In the \_Layout.cshtml file, set the Layout property to the path of the Master.cshtml file.
2. In the \_ViewStart.cshtml file, set the Layout property to the path of the Master.cshtml file.
3. In the View\_Start .cshtml file, set the TemplateFile property to the path of the Master.cshtml file.
4. In the \_Layout.cshtml file, set the ViewStart property to the path of the Master.cshtml file. //not sure

8. Identify which scaffolding template will be used to create the view to display all the Birth information as given below?

View

Details

List

Edit

9. Which of the following options will allow the controller to redirect a user to the ShowAllData view, after the user has successfully created a birth record?

return RedirectToAction("showalldata")

return RedirectToAction("showalldata")

return Response.Redirect("showalldata")

```
return Action("showalldata")
```

10. When the user successfully updates a birth information , the message 'details updated successfully ' must be shown as per the image. Identify which code can be used in the controller to achieve the requirement?

Choose 2 most appropriate options.

`ViewBag["msg"]= "Details Updated Successfully";`

`ViewData.msg= "Details Updated Successfully";`

`ViewData[msg]= "Details Updated Successfully";`

`ViewBag.msg= "Details Updated Successfully";`

`ViewData["msg"]= "Details Updated Successfully";`



## **Scenario 1**

ACC Corp is a leading software services vendor with a global presence the company currently offers insurance schemes for its employees which include insurance coverage for the employee their spouse and children

as an additional benefit ACC Corp has decided to offer its employees the chance to nominate their parents our parents in law also as their dependents for insurance coverage the employees can also opt to increase their insurance coverage for a nominal additional amount deducted from their salary

an employee can nominate many relations as dependents but they can have only a single coverage amount

the fixed coverage amount is used to cover all the dependents for instance

- employee a has a coverage amount of 100000 and their nominations his wife mother and son
- employee B has a coverage amount of 50,000 for his wife and daughter

Acc corp wants to deploy a web app using asp.net MVC for allowing

employees to log in with their corporate ID

view dependent information

view insurance coverage amount and deductions

add dependent information

increase insurance coverage

## **Questions**

Q. Which of the following options can be used to implement the post functionality of the login action ?

assume that employee model is a model class created to map with the employee entity class

Ans: Public actionresult login(employee model employee)

Q. The developer has created a class library with a repository class for the database operations the model was generated using entity framework for many classes will be generated automatically by the entity framework for the current database structure

Ans: 3 entity class and 1 context class

Q. which view-scaffolding template will be best suited to create the view for the employee to view their coverage information

Employee name: Rahul Ajay

employee ID: 1241

coverage: rs 200000

valid till: 30 May 2022

Ans: Details

Q. Which entity class generated by entity framework must be specified to bind with the view shown in the image click on the link to view the image

employee ID: 1241

coverage: rs 200000

valid till: 30 May 2022

Ans: EmployeeInsurance

Q. The developer has to retrieve the employee name in case the employee login is successful and display a welcome message with the name of the logged in employee the developer stores the employee name in the view bag so that the welcome message can be displayed on all the view of the app which of the following options best describes this approach

Ans: described approach is wrong because view bag lifetime is for the current request only use session instead

Q. For the MVC app the developer has to ensure that during execution the default landing view displayed is from the login action in the logincontroller class how can this be done

Ans: by changing the defaults in the app\_start/routeconfig.cs file

Q. The MVC app requires a common look and feel so that all the view pages have the same logo folder image background and font a file named master.csHTML contains the I did footer and CSS references how will the file be used by all other views as their template

Ans: in the \_layout.CSHTML file set the layout property to the path of the master.CSHTML file

Q. To redirect user to error view(error.cshtml) on any exception during the login process which of the below attribute should be added to the login action method

Ans: [handleerror(view="error")]

Q. The image shows the navigation in the NBC app for the home new coverage and update coverage new pages based on the navigation shown in the image identify the action methods which must be written

Ans: For hone/view:

1.public.actionresult home()

For coverage/view coverage:

1.public actionresult viewcoverage(string empid)

For coverage/updatecoverage:

1.public actionresult update(string empid)

Q. Which of the following classes will be best match the class generated by entity framework for the employee table

Ans: Option D

## Scenario 2

Holiday planners hotel is planning to create a web based application which helps customers to book the hotel .search the customer based on name or contact number and many more the app also supports edit and delete operations for customers

### Questions

Q. Choose the correct EF query to search customer having address as Mumbai assumption.....

Ans: option A ( c.customeraddress == "mumbai" select c)

Q. Consider the action method remove customer as shown in below screenshot choose the appropriate controller attribute to be returned for the post action at line one

Ans: option A ( [HttpPost\_Actionname("Removecustomer")];))

Q. Observe the following error screenshot and choose the most appropriate option to resolve

The request has been blocked because sensitive information could be disclosed to third party while that is used in a get request

Ans: option C- JsonRequestBehavior.AllowGet

Q. Which line is used to get common layout across all the views choose the appropriate option

Ans: Viewstart.cshtml

Q. The email address property of the adminmodelclass.cs the developer needs to ensure the value cannot be empty and it must satisfy the email format

choose two most appropriate options

Ans: A,B

[required], [datatype(datatype:emailaddress)]

Q. For the given scenario choose the most appropriate approach to be selected from the below screenshot

choose model contents

Ans: EF designer from database

Q. As shown in the below screenshot to perform update operation which view scaffolding template should be the developer choose

Update profile

Ans: Edit

Q. With reference to the below screenshot after successful registration by clicking on create button developer needs to redirect to login action choose most appropriate option to achieve this

Register Admin

Ans: RedirectToAction("login")

Q. With reference to below screen choose the correct data annotation to be used in model class for masking the password

Admin login

Ans: (datatype.password)

Q. Choose the correct syntax to create admin details table for the given table structure

admin table:- admin details

Ans: Option A

Create rable AdminDetails(AdminID int Identity(10,1) Primary key;

### Scenario 3

Techsoft an online education company that offers a variety of video training courses techsoft is planning to create an E learning application that enables users to learn anywhere and at any time using this application user can register themselves and log in with the credentials to access the training courses

## **IV. TechSoft(e-learning)**

- 1. On submitting the register page validation error must be : B. [Required (Error message= "Full name is Mandatory")]**
- 2. Login link on the Register view redirect user to the login view of Login Controller: B.**  
Html.ActionLink("Login", "Login")
- 3. Select correct attribute to be added to the Email Property of Model class: D. [DataType (Data Type. EmailAddress. ErrorMessage = "Invalid Email")]**
- 4. Login Screenshot is available (2 options are available): public ActionResult Login (UserModel user)**
- 5. To redirect user to Error view (Error.cshtml)...: A. [Handle error (View = "Error")]**
- 6. Successful registration, the user must be redirected to Login Page with Username.....: D.**  
TempData["username"] = moduser.Email
- 7. When user login is successful the user must be redirected to Course List view which lists out all the courses and on failed login a message must be displayed to the user on the same Login view.: B and C. ViewResult and ActionResult**
- 8. Create Login Page Template: B. Create**

### **9. class Repository (Program): B and C**

B. (from i in db.EUsers where i.Email == email && i.Password == pass select i);  
C. db.EUsers Where (i=> i.Email == email && i.Password == pass). Select(j=> j) ;

### **10. Login action method: C.**

```
routes.MapRoute(  
    name : "Default",  
    url: "{controller}/{action}/{id}",  
    defaults: new {controller = "Login", action = "Login", id = UrlParameter.Optional}  
);
```

## I. 11<sup>th</sup>Jan (Covidshield)

1. **Validated for 0,1,2 ("Member Details"):** B. [Range(0,2)]
2. **Developers want to display Date and Time..... :** B. RedirectResult
3. **Covishield: A**

```
var customer = from m in entities.memberdetails where m.VaccineName == "Covishield"
m.Gender == "Male" select m;
```
4. **ShowAllDetails() :** C. MemberID is set as Primary Key in the table.
5. **MemberDetails table: A**

```
CREATE TABLE MemberVaccinationDetails(
    MemberId int IDENTITY (102,1) PRIMARY KEY,
    MemberName varchar (250) Not NULL,
    Gender varchar (6) Not Null CHECK (Gender in ('Female', 'Male', 'Other'));
    VaccinatedDate date Not NULL
    DoseCount int Not NULL
    VacaccineName varchar (50) Not Null, CHECK(VaccinanName in('Covishield', 'Covaxine'));
    VaccineCenter varchar (50) Not NULL.
    AmountPaid int NULL)
```
6. **Application should have same look and feel with outline as well:** D. All of the given choices
7. **Modify Member Details: A**
  1. Controller code

```
ViewBag.SaveMessage= "Save Successful";
```
  2. View Code

```
@ViewBag .SaveMessage
```
8. **To handle error.., in MVC application : A and C**
  - A. Controller code

```
[HandleError(View= "Error")]
```
  - C. Web.Config code

```
<customErrors mode= "On"/>
```
9. **AmountPaid Property: B. public Nullable<int> AmountPaid {get;set;}**
10. **Data from controller to View no type casting required: A. ViewBag**

## V. Holiday Planners Hotel(pdf3)

1. **Login action method: C.**

```
routes.MapRoute(  
    name : "Default",  
    url: "{controller}/{action}/{id}",  
    defaults: new {controller = "Login", action = "Login", id = UrlParameter.Optional}  
);
```

2. **Successful registration, the user must be redirected to Login Page with Username.....: D.**

TempData ["username"] = moduser.Email;

3. **Login: B.** public ActionResult Login(UserModel user)

4. **Select the correct attribute to be Email property of Model class to validate the correct email format and display the error message, (Register): D.**

[DataType(DataType.EmailAddress(ErrorMessage = "Invalid Email"))]

5. **When user login is successful the user must be redirected to Course List view which lists out all the courses and on failed login a message must be displayed to the user on the same Login view.: B and C.** ViewResult and ActionResult

6. **class Repository (Program): B and C**

B. (from i in db.EUsers where i.Email == email && i.Password == pass select i);

C. db.EUsers Where (i=> i.Email == email && i.Password == pass).Select(j=> j) ;

## SCENARIO EXAM

### SCENARIO-1 [ ADV ADVENTURE COMPANY]

Before moving on to next section to view the MCQ questions, please record your declaration (Yes or No) in the text box that you have completely read the scenario.

An ADV adventure company provides travel experience and solutions for the customer around the world. Its objective is to provide more enhanced support for the interest. For this to happen, company want to provide a more interactive and easy methods of selecting the available option through an automated application.

The application should be built with the following business scenarios:

- 1) Customer performs a purchase by selecting a package
- 2) Discount offers are provided based on each package
- 3) Once the purchase is made, an intimation mail is sent to the agency for confirmation
- 4) The agency will approve the request by verifying the customer and package details based on the availability.

The following requirements must be implemented for developing the application:

- 1) Create a Data model with appropriate relationship to capture:  
Customer details  
Package tour details  
Booking for a package by a customer  
Trip details
- 2) Create appropriate profiles, users by understanding the scenario and define the permissions and settings of OWD.
- 3) Create a workflow or process builder to send an email to the agency once the purchase record is created.
- 4) Create a vf page to display all the bookings of a customer using standard controller
- 5) Create an apex class which should return all bookings of customer.

#### Questions:

- 1) A visualforce page uses the booking object as a standard controller. Customer object is a parent of booking object. How can a developer display the name field rule of parent customer record on the page?
  - A. Use the SOQL syntax to find the related customer field
  - B. Use additional apex logic when the controller to query for the name field
  - C. Use the (!booking\_c customer\_c\_rName) merge field syntax
  - D. Use an additional standard controller for customer
- 2) In the company there are various levels of users according to their functional role. How the admin should be able to create users with levels?

## SCENARIO EXAM

- A. Organization wide default
  - B. Role hierarchy
  - C. Profile
  - D. Sharing rule
- 3) After booking a travel package by a customer, the customized package has to be observed and approved by the seniors of the company. How this could implemented?
- A. Workflow
  - B. Profile
  - C. Approval process
  - D. Flow builder
- 4) A developer is tasked with creating a scheme to track customer, package and booking details a single customer can have many bookings and single package can have many bookings. Each booking is owned and managed by a single user. Which scheme builder should be created to enable users to easily manage the bookings they own, without requiring the access to the customer or the package records?
- A. A lookup relationship to the customer object and a lookup relationship to the package object
  - B. A lookup relationship to the customer object and a master detailed relationship to the package object.
  - C. A master detailed relationship to the customer object and a master detailed relationship to the package object.
  - D. A master detailed relationship to the customer object and a lookup relationship to the package object
- 5) Which type of controller should a developer use to display all the records for a custom object booking on a visualforce page?
- A. Standard controller
  - B. List controller
  - C. Custom list controller
  - D. No controller required
- 6) A developer wants to apply custom styling in a visualforce page? which of the three options can be used?
- A. Inline CSS
  - B. A static resource
  - C. <apex:stylesheets> tag
  - D. <apex:stylesheet> tag

**SCENARIO EXAM**

- 7) A unit test is written by a developer for an apex class method which returns all the Atlanta city customer records. What are the 2 ways for a developer to execute tests in an org (choose 2)?
- A. Bulk API
  - B. Developer console
  - C. Setup menu
  - D. Metadata API
- 8) A developer wants to override a new button using visualforce page which created booking object records. What should be used in the vf page to implement this? [B OR D]
- A. The object record must be .....controller
  - B. The standard controller attribute must be set to the booking object
  - C. The action attribute must be set to a controller method
  - D. The controller or extension must have a pageReference method
- 9) A customer will book a travel package.an email notification will be send to a system admin after booking. Which feature of automation should be used to implement this functionality?
- A. Email alert
  - B. Profile
  - C. Approval process
  - D. Permission set
- 10) The OWD of booking object is private. After booking a travel package by a customer, the company assigns one tour guide to every booking. How admin make sure that a booking record should be accessible to appropriate guide?
- A. Grant read permission on booking object to profile of a guide
  - B. create permission set with read permission on booking object and assign this permissions set to a guide
  - C. grant read, create permission on booking object of a profile of a guide
  - D. create sharing rule on booking object for booking....

## SCENARIO EXAM

### SCENARIO-2 [ Doctor appointment booking]

Before moving on to next section to view the MCQ questions, please record your declaration (Yes or No) in the text box that you have completely read the scenario.

Cloud 99 is the one of the famous hospital chains. The management of the cloud 99 asked Accenture to develop an application to ease the process of taking an appointment for a doctor. The users of this app are receptionist at hospital. An appointment can be taken over phone or face to face.

Functional requirements of the application.

1. Create a data model using following objects and field details
  - A. Doctor-
    - First-Name, Last-Name, Degree, Specialty, Email
  - B. Patient-
    - First-Name, Last-Name, Address, Phone, Age, Email
  - C. Appointment
    - Doctor, Patient, Date-of-Appointment, Time-of-Appointment.
  - D. Case paper-
    - Appointment, DoctorName(FirstName +LastName), PatientName(FirstName +LastName), Patient-Age, Charges.
2. Create formula fields for DoctorName and PatientName.
3. Create appropriate relationship between objects
4. Doctor object should contain field to display total number of appointments of a doctor by creating appropriate field.
5. Create a profile RECEPTIONIST. A user in this profile should be able Read, Create, Edit and Delete records of Patient and Appointment. Another object records a user should only be Read.
6. Design a process to create a Case paper automatically when an Appointment is taken
7. Create a workflow Rule to send an email to Patient and Doctor.
8. Create a VF page to display Doctor detailed and all his/her appointments (Hint: Pass an ID of any Doctor record to VF page)
9. Create Reports and Dashboard for the following cases:
  - a) Number of appoints per doctor.
  - b) Number of patients per doctor.

## SCENARIO EXAM

### Questions:

1. Identify the correct SOQL from the following to get all the appointments of all Doctors? (need to be corrected)
  - A. **SELECT Name, (SELECT Name, Appointments\_c from AppointmentsDoctors\_c**
  - B. **SELECT Name, (SELECT Name, Appointments\_c from App**
  - C. **SELECT Name, (SELECT Name, Appointments\_c from Appointments\_c**
  - D. **SELECT Name, (SELECT Name, Appointments\_c from Appointments\_c**
  
2. While configuring a process using process builder tool, select the valid options for executing actions when adding criteria?
  - A. **Conditions are met**
  - B. **Formula evaluates to true**
  - C. **No criteria- just execute true actions**
  - D. Execute all actions
  
3. The DoctorName formulae field created in the case paper object is what type of formulae?
  - A. Cross-object
  - B. Simple
  - C. Mixed
  - D. Inherited
  
4. Once the appointment is taken by a patient, a notification should be sent to the Doctor and Patient by an email. An administrator should select which action in workflow to implement this functionally?
  - A. Task
  - B. Field update
  - C. **Email alert**
  - D. Outbound message
  
5. As an admin which type of report you will create to display number of appointments for every doctor?
  - A. Join
  - B. **Summary**
  - C. Tabular
  - D. Join table

## SCENARIO EXAM

6. As an admin what type of field you will create in Doctor object to show all total number of Appointments of every doctor?
  - A. Formula
  - B. **Roll up summary**
  - C. Picklist
  - D. Picklist (multiselect)
7. A user in the RECEPTIONIST should be able to only read the records of the doctor object. What should be the value of organization wide default for doctor object?
  - A. Transfer
  - B. Private
  - C. **Public read only**
  - D. Public write only.
8. To create a case paper record automatically when an appointment is taken, which action as admin you will select in process builder?
  - A. Post to chatter
  - B. Update records
  - C. Processes
  - D. **Create a record.**
9. By using which type of controller for VF page the functionality to display Doctor details and all the appointments could be implemented [select 3]?
  - A. List controller
  - B. **Extension controller**
  - C. **Standard controller**
  - D. **Custom controller**
10. As a developer you wrote following apex code

```
Public class HospitalController{  
    Public static List<Doctor_c> getDoctorDetails (String docId){  
        Return (SELECT Id, Name, Specialty_c, Email_c  
                FROM Doctor__c  
                WHERE Id=docID;  
    }  
}
```

But this class shows error. Debug the code and suggest the solution
  - A. Change the parameter as Id docId
  - B. Remove the static keyword from the method
  - C. Change the return type of the method as List<Case\_\_c

**SCENARIO EXAM**

D. Change the condition as

**WHERE iD= docId**

## Birth Registration System

1. To redirect user to Error view(Error.cshtml) on any exception during the login process , which of the below attribute should be added to the Login action method?

[HandleError(View="Error")]

[Error]

[Error(View="Error")]

[Redirect(View="Error")]

2. Developer wants to update the birth information , identify the correct POST implementation signature . Assume the BirthModel is a model class created to map with the Birth entity class.

Public ActionResult UpdateInfo()

Public ActionResult UpdateInfo(Models.BirthModel mod)

Public ActionResult UpdateInfo(int bid)

Public JsonResult UpdateInfo(Models.BirthModel mod)

3. Identify the correct code to be written in the Repository class for retrieving all the Birth details from the BirthInfo table.

Assumption :- BirthControlSystemDBEntities is DBcontext class , BirthInfo is an entity class and BirthInfoes is DBSet type.

```
Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
{
    List< BirthInfo> result=new List< BirthInfo>();
    result=(from l in db.BirthInfoes select i).ToList< BirthInfo >();
    return result;
}
```

```
Not sure

BirthControlSystemDBEntities db=new BirthControlSystemDBEntities()
{
    List< BirthInfo> result=new List< BirthInfo>();
    result=(from l in db.BirthInfoes select i);
    return result;
};
```

```
Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
{
    BirthInfo result=new BirthInfo();
    result=(from l in db.BirthInfoes select i).ToList< BirthInfo >();
    return result;
}
```

4. The User needs to add the birth details to DB, Identity the correct repository class code that fulfils the requirement.

Assumption :- BirthControlSystemDBEntities is DBcontext class , BirthInfo is an entity class and BirthInfoes is DBSet type.

```
public void AddEntry(BirthInfo obj)
```

```
{
```

```
    Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
```

```
{
```

```
    db.BirthInfoes.Add(obj);
```

```
}
```

```
}
```

```
public void AddEntry(BirthInfo obj)
```

```
{
```

```
    Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
```

```
{
```

```
    db.BirthInfoes.Add(obj);
```

```
    Obj.SaveChanges();
```

```
}
```

```
}
```

```
public void AddEntry(BirthInfo obj)
{
    Using (BirthControlSystemDBEntities db=new BirthControlSystemDBEntities())
    {
        db.BirthInfoes.Add(obj);
        db.SaveChanges();
    }
}
```

5. Developers wants to set the below page to be executed as the default page. Identify the correct code from the following.

```
Routes.MapRoute{
    Name:"Default",
    url:"{controller}/{action}/{id}",
    defaults:new {controller="Home", action="Index", id=UrlParameter.Optional}}
```

```
Routes.MapRoute{
    Name:"Default",
    url:"{controller}/{action}/{id}",
    defaults:new {controller="Home", action="Create", id=UrlParameter.Optional}}
```

```
Routes.MapRoute{
    Name:"Default",
    url:"{controller}/{action}/{id}",
    defaults:new {controller="Create", action="Home", id=UrlParameter.Optional}}
```

```
Routes.MapRoute{  
    Name:"Default",  
    url:"{controller}/{action}/{id}",  
    defaults:new {controller="Home", action="Index1", id=UrlParameter.Optional}  
}
```

6. Select the correct command for creating BirthInfo table?

Note: Refer the birthInfo table structure given above in the scenario

See pic option 1 // most probably not sure

7. The MVC app requires a common look and feel so that all the view pages have the same header logo, footer image , background and font. A file named “Master.cshtml” contains the header , footer and CSS references. How will this file be used by all other views as their template?

1. In the \_Layout.cshtml file, set the Layout property to the path of the Master.cshtml file.
2. In the \_ViewStart.cshtml file, set the Layout property to the path of the Master.cshtml file.
3. In the View\_Start .cshtml file, set the TemplateFile property to the path of the Master.cshtml file.
4. In the \_Layout.cshtml file, set the ViewStart property to the path of the Master.cshtml file. //not sure

8. Identify which scaffolding template will be used to create the view to display all the Birth information as given below?

View

Details

List

Edit

9. Which of the following options will allow the controller to redirect a user to the ShowAllData view, after the user has successfully created a birth record?

return RedirectToAction("showalldata")

return RedirectToAction("showalldata")

return Response.Redirect("showalldata")

```
return Action("showalldata")
```

10. When the user successfully updates a birth information , the message 'details updated successfully ' must be shown as per the image. Identify which code can be used in the controller to achieve the requirement?

Choose 2 most appropriate options.

ViewBag["msg"]= "Details Updated Successfully";

ViewData.msg= "Details Updated Successfully";

ViewData[msg]= "Details Updated Successfully";

ViewBag.msg= "Details Updated Successfully";

ViewData["msg"]= "Details Updated Successfully";