



Thank you. Your test is submitted successfully.

You have cleared this assessment.

Obtained Percentage	Obtained Marks
66.67 %	10 / 15

Best Attempt Score:73.33 % on 10-05-2024

Review Your Attempt



Q1 of 15
You have an Order entity with a List <orderitem> property representing order items. Which method signature retrieves orders containing a specific product (identified by ID) using a derived query?</orderitem>
 List findByOrderItemsProductId(Long productId) List findOrdersByProductId(Long productId) @Query("SELECT o FROM Order o WHERE o.orderItems.productId = ?1")
List findOrdersWithProduct(Long productId)
 List getOrdersByProduct(Long productId);

Q)2 of 15
	During the development of the shopping application, a new requirement was introduced that, the products that are going to be displayed has to be sorted in the descending order of the expiry date. Find the correct option below which can satisfy given requirement.
	 ○ List products = productRepository.findAll(Direction.DESC, "expiryDate"); ⑤ List products = productRepository.findAll(Sort.Direction.DESC, "expiryDate"); ⑥ List products = productRepository.findAll(SortBy.sort(Direction "expiryDate")); ⑥ List products = productRepository.findAll(Sort.by(Sort.Direction.DESC, "expiryDate");

Which of the following methods will be available in a repository interface extending CrudRepository?(Choose any TWO correct answers)	
Optional existsById(ID id)	
☐ Int delete(T entity)	
Optional findById(ID id)	
Iterable saveAll(Iterable entities)	

Q4 of 15
Consider the code below,
<pre>@Entity public class Product {</pre>
@Id
private int productId; private String productName;
private int dateOfExpiry;
//getters and setters }
Choose the correct option/ options that fetches the product name and sort the result in ascending order of their date of expiry? (Choose any 2 correct answers from the check box]
 □ List findByProductNameOrderByDateOfExpiryByAsc(String productName); ☑ ListfindByProductNameOrderByDateOfExpiryAsc(String productName); ☑ ListfindByProductOrderByDateOfExpiryAsc(String productName); □ List findByProductNameOrderByDateOfExpiry(String productName);

Q5 of 15			
You have a method successfully, or the o	d in a Spring service class that creates a new operation fails entirely, preventing partial data ing annotations achieves this behavior?	se. You want to ensure that either the user is cre	eated

Q6 of 15 Which among the following statements regarding ORM is wrong?
 ORM is a design pattern which is database dependent, and it helps the developers to get rid of queries so that they can concentrate on business logic. JPA is a specification for ORM and it has many implementations like Hibernate, Open JPA, TopLink etc. Criteria API in JPA allows you to construct queries programmatically using java objects and uses object graph to fetch data from database. JpaRepository inherits methods of CrudRepository and PaginationAndSortingRepository and JpaRepository is tightly coupled with JPA persistence technology. So use of this interface as base interface is not recommended.

1	Q8 of 15
	Which of the following methods can be used to create a Pageable object for pagination?
	 PageRequest.of(pageNumber, pageSize) Sort.by(sortField)
	 JpaRepository.findAll() None of these

```
09 of 15
 Consider the code given below,
 //line 1
 @Entity
 //line 2
 Public class Booking{
   @Id
    private int bookingId;
    private String busRoute;
    private int busNumber;
    private String dateOfTravel;
 //getters and setters
 //line3
 public interface BookingRepository extends CrudRepository<Booking,Integer>{
    List<Booking>getBookingsByBusRoute(@Param("busRoute")String busRoute)
 In order to find the bookings based on the busRoute using namedQuery, which among the following options can be used?
 Query(name="Booking.getBookingsByBusRoute", query="SELECT b FROM Booking b WHERE b.busRoute=:busRoute") at line 1

    @NamedQuery(name="Booking.getBookingsByBusRoute", query="SELECT b FROM Booking b WHERE b.busRoute=:busRoute")at line 2

 @Query(name="Booking.getBookingsByBusRoute", query="SELECT b FROM Booking b WHERE b.busRoute=:busRoute") at line 3

    @NamedQuery(name="Booking.getBookingsByBusRoute", query="SELECT b FROM Booking b WHERE b.busRoute=:busRoute") at line 1
```

Q10 of 15	
Developer wants to have definite number of products shown in one page in a shopping application and want that to be sorted in number of products available. Which all statement/s given below are correct with respect to this context? 1. PagingAndSortingRepository which extends CrudRepository will help in doing this functionality. 2. Page <t>findAll() method of PagingAndSortingRepository returns the Page interface containing entities. 3. The Iterable<t> findAll(Sort sort) method accepts object of Sort class as parameter. This class provides different ways to sort data column.</t></t>	
 ○ 1 and 2 ◎ 1 and 3 ○ 2 and 3 ○ All of the above 	

```
Q11 of 15
 Consider the code given below,
 @Entity
 public class Laptop {
          @Id
         private int id;
         private String Brand;
         private Harddisk disk;
 //getters and setters
 @Entity
 public class Harddisk {
          @Id
         private int id;
         private String model;
 //getters and setters
 public LaptopRepository extends CrudRepository<Laptop,Integer>{
         @Query(//jpqlquery)
     public Parent findLaptopDiskId(int id){}
 What can be the JPQL query to get the Laptop details with disk id?
 o select p from Laptop p where id=:id
  select p from Laptop p where p.id =?1
  o select p from Laptop p where p.disk.id=:id
  select p from Laptop p where p.disk.id=?1
```

3 of 15	
/hich among the following statements regarding CrudRepository is/ are true?	
The methods of the CrudRepository gets annotated with @Transctional by default.	
By default, the methods of CrudRepository are configured with the @Transactional annotation at compile time.	
One can override default transactional settings of any of its method by overriding the method in the Repository interface.	
CrudRepository can be represented as CrudRepository <t,id></t,id>	
1,2 and 4 2,3 and 4 1,3 and 4 2 and 4 All of these	

```
Q14 of 15
 5. Observe the code below,
 @Entity
 public class Laptop {
         @Id
         private int id;
         private String Brand;
         private Harddisk disk;
 //getters and setters
 @Entity
 public class Harddisk {
         @Id
         private int diskId;
         private String model;
 //getters and setters
 public LaptopRepository extends CrudRepository<Laptop,Integer>{}
 What will be the method for fetching Laptop details using Harddisk id, in query generation using method name technique?

    findByLaptopDiskId

  findByDiskDiskId

    findByLaptopDisk

  findByDiskId
```

```
Q15 of 15
 Observe the code below,
 @Entity
 public class Employee {
          @Id
     private int employeeId;
     private String employeeName;
     private String emaild;
     private String dateOfjoining;
 //getters and setters
 Choose the correct option for finding all the employees joined on a specific date.

    public Employee findByDateOfJoining(String dateOfJoining)

  public List findByDate(@Param("date")String dateOfJoining)

    public List findByDateOfJoining(String dateOfJoining)

    public Employee findBydateOfJoining(String dateOfJoining)
```