

**Online Examination**

**QUESTION PAPER**

Curriculum: **ACCP2017**

Subject: **Spring MVC**

Duration: **90 minutes**

Total Marks: **20**

**MODUL TEST PRACTICAL**

You are required to use **Spring MVC** to develop a web application with the product management purpose. You are supplied all SQL statement, so you must use SQL server or MySQL to generate all the sql statements.

+ Create a **category.jsp** page to display all categories out the table as below form: **[5]**

## Category list

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ID	Name	Description	Actions
C0101	Beverages	Soft drinks, coffees, teas, beers, and ales	<a href="#">Show Products</a>
C0102	Condiments	Sweet and savory sauces, relishes, spreads, and seasonings	<a href="#">Show Products</a>
C0103	Confections	Desserts, candies, and sweet breads	<a href="#">Show Products</a>
C0104	Dairy Products	Cheeses	<a href="#">Show Products</a>
C0105	Grains_Cereals	Breads, crackers, pasta, and cereal	<a href="#">Show Products</a>
C0106	Meat_Poultry	Prepared meats	<a href="#">Show Products</a>
C0107	Produce	Dried fruit and bean curd	<a href="#">Show Products</a>
C0108	Seafood	Seaweed and fish	<a href="#">Show Products</a>

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+ When you select the link “Show products”, please show all product from the corresponding category on the **productlist.jsp** page with form as below: **[5]**

*For example: you select the first category*

## Product list

ID	Name	Price	Description	Action
P0101	Chai	\$18.00	Good product	<a href="#">Assign This product to other category</a>
P0102	Chang	\$19.00	best sell product	<a href="#">Assign This product to other category</a>
P0103	Aniseed Syrup	\$10.00	new produced	<a href="#">Assign This product to other category</a>

[Back to category](#)

**Note: you must format price of product as currency to display dollar symbol as above .** **[1]**

+ In the **productlist.jsp** page, you can

- select link "Back To category" to go back to the category list page

[1]

## Category list

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C0102	Condiments	Sweet and savory sauces, relishes, spreads, and seasonings	<a href="#">Show Products</a>
C0103	Confections	Desserts, candies, and sweet breads	<a href="#">Show Products</a>
C0104	Dairy Products	Cheeses	<a href="#">Show Products</a>
C0105	Grains_Cereals	Breads, crackers, pasta, and cereal	<a href="#">Show Products</a>
C0106	Meat_Poultry	Prepared meats	<a href="#">Show Products</a>
C0107	Produce	Dried fruit and bean curd	<a href="#">Show Products</a>
C0108	Seafood	Seaweed and fish	<a href="#">Show Products</a>

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-**OR:** update this product with the other category by clicking on the "Assign This product to other category" link. This link goes to the **assign.jsp** page

Do you really want to assign product: **Aniseed Syrup** to other category?

(+) In the **assign.jsp** page: you must display all categories on the combobox or select/option. [4]

(+) When you select the other category name, please click the "Assign This product to" link to update this product with the selected category.

(+) In addition, in this page you must display name of product in the text "Do you really want to assign product: **<b> Name of product</b>** to other category?". [2]

(+) If it updates successfully, please go to the **productlist.jsp** page. [2]

**It means:**

# Product list

ID	Name	Price	Description	Action
P0101	Chai	\$18.00	Good product	<a href="#">Assign This product to other category</a>
P0102	Chang	\$19.00	best sell product	<a href="#">Assign This product to other category</a>
P0103	Aniseed Syrup	\$10.00	new produced	<a href="#">Assign This product to other category</a>

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Do you really want to assign product: **Aniseed Syrup** to other category? ?

Beverages

→

Do you really want to assign product: **Aniseed Syrup** to other category?

Beverages

Beverages  
Condiments  
Confections  
Dairy Products  
Grains\_Cereals  
Meat\_Poultry  
Produce  
Seafood

→

# Product list

<b>ID</b>	<b>Name</b>	<b>Price</b>	<b>Description</b>	<b>Action</b>
P0101	Chai	\$18.00	Good product	<a href="#">Assign This product to other category</a>
P0102	Chang	\$19.00	best sell product	<a href="#">Assign This product to other category</a>

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