**Exp 9**

**Admin Module:**

**a.Add New Product:**

1. Cohesion: Exhibits high cohesion as it's directly related to adding new products, aligning with the purpose of the Admin Module.
2. Coupling: Coupling may involve interactions with the Product Management Module for data entry and validation, but it's justifiable and expected.

**b.Manage Employee Accounts:**

1. Cohesion: High cohesion as it deals with administrative tasks related to employee accounts and aligns with the Admin Module's purpose.
2. Coupling: It may interact with the Employee Management Module for account creation and modification, which is reasonable and necessary.

**c.Generate Sales Reports:**

1. Cohesion: Involves the statistical aspects of sales data, and while it's related to administration, it might be considered a separate concern. Cohesion could be higher in a dedicated Reporting Module.
2. Coupling: Moderate coupling might exist if it relies on data from the Sales Module and Product Management Module, depending on the extent of data interaction.

**d.Manage Supplier Relationships:**

* 1. Cohesion: High cohesion as it relates to managing supplier relationships, which is a core administrative task.
  2. Coupling: It may interact with the Supplier Management Module for supplier data and orders, which is expected and purposeful.

**e.Send Notifications:**

* 1. Cohesion: Moderate cohesion, as sending notifications is a general utility that c an be used in different parts of the application.
  2. Coupling: The function is generally standalone and doesn't tightly couple with o ther application modules, making it loosely coupled.

**Candidate Module:**

**a.Browse Products:**

1. Cohesion: Exhibits high cohesion as it's directly related to candidates browsing products, which aligns with the purpose of the Candidate Module.
2. Coupling: It may interact with the Product Display Module for product information, but this coupling is justifiable and expected.

**b.Add Products to Cart:**

1. Cohesion: High cohesion as adding products to the cart is a core function within the Candidate Module's scope.
2. Coupling: It interacts with the Shopping Cart Module for cart management and with the Product Management Module for product details, which is expected and not excessively high.

**c.Place Orders:**

1. Cohesion: High cohesion as it directly relates to the core task of placing orders.
2. Coupling: It may interact with the Order Processing Module for order submission and the Payment Module for payment processing, but this coupling is purposeful and reasonable.

**d.View Order History:**

1. Cohesion: High cohesion as viewing order history aligns with a candidate's interactions within the system.
2. Coupling: Interaction with the Order Management Module for order history is expected and justifiable.

**e.Submit Feedback:**

1. Cohesion: High cohesion as providing feedback is a candidate-specific task and directly related to their interactions with the system.
2. Coupling: It may interact with the Feedback Module for feedback submission, which is reasonable and expected.