**Questions And Answers On**

**Online Retail App**

**1)List all products and their prices?**

select ProductName,Price from products;

**2) Retrieve the names and email addresses of all customers?**

select FirstName,LastName, Email from customers;

**3) Find all products in the 'Accessories' category?**

select \* from products where Category= 'Accessories' ;

**4) Get the total number of products available in stock?**

select sum(StockQuantity) as total\_number\_of\_products from products;

**5) Show the details of orders placed on '2024-01-10'?**

select \* from orders

where OrderDate= '2024-01-10';

**6) Find the customers who live in 'New York'?**

select FirstName, LastName from customers

where City= 'New York';

**7)List all orders with their total amount sorted in descending order?**

select \* from orders

order by TotalAmount desc;

**8)Retrieve the product names and their corresponding stock quantities for products priced below $100?**

select ProductName,StockQuantity from products

where Price<100;

**9) Get the total number of orders placed by each customer?**

select customers.FirstName,customers.LastName,count(orders.OrderID) as No\_of\_orders from customers

join orders on customers.CustomerID=orders.CustomerID

group by customers.FirstName,customers.LastName;

**10)Find the average price of products in the 'Electronics' category?**

select avg(Price) AS AveragePrice from products where Category= 'Electronics';

**11) Identify the top 3 products with the highest stock quantities?**

select ProductName,StockQuantity from products

order by StockQuantity Desc

limit 3;

**12) Find the customer who spent the most money on orders?**

select customers.FirstName,customers.LastName,sum(orders.TotalAmount) as total\_spend from customers

join orders on customers.CustomerID= orders.CustomerID

group by customers.CustomerID

order by total\_spend Desc

limit 1;

**13)Retrieve the products that were ordered in the most recent order?**

select products.ProductName,OrderDetails.UnitPrice from products

join orderdetails on products.ProductID=orderdetails.ProductID

join orders on orderdetails.OrderID=orders.OrderID

where orders.OrderDate = (select max(OrderDate) from orders);

**14)Calculate the total revenue generated from each product?**

select products.ProductName,sum(orderdetails.UnitPrice\*UnitPrice) as Total\_Amount from products

join orderdetails on products.ProductID=orderdetails.ProductID

group by products.ProductName;

**15)Find the highest priced product in each category?**

select Category,Max(Price) from products

group by Category;