

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, May 2018**

**Course:** B. Tech CS. ECRA  
**Subject:** IT application in Retail Business  
**Code :** CSIB 224

**Semester: IV**

**Time:** 03 hrs.

**Max. Marks: 100**

**SECTION A (Each questions of 4 marks (5x4 =total 20 Marks))**

Q 1	What is Bar code technology? How it works?		<b>CO2</b>
Q 2	What are the advantages of best breed software's?		<b>CO2</b>
Q 3	Differentiate between Data, information and knowledge using examples		<b>CO1</b>
Q 4	What do you understand by "Enterprise Resource Planning"?		<b>CO1</b>
Q 5	Discuss the various modern electronic payment methods in detail		<b>CO2</b>

**SECTION B (Each questions of 10 marks (4\*10=total 40 marks))**

Q 6	What is CRM? Discuss the customer relationship marketing strategy in detail.		<b>CO5</b>
Q 7	Discuss the various types of retailers.		<b>CO2</b>
Q 8	What are the 4 types of information systems? How are they different? Explain using diagram.		<b>CO1</b>
Q 9	Explain the steps to improve CRM with example.		<b>CO5</b>

**SECTION-C(Question of 20 marks (2\*20=total 40 marks))**

Q 10	What do you understand by the term "ERP"? What are the Basic Modules of ERP System? Discuss its advantages and disadvantages in detail.		<b>CO4</b>
Q 11	Discuss the Electronic cash registers and Electronic point of sale and its components in detail. What are the three important dimensions of Information Systems?  <p style="text-align: center;">OR</p> Discuss the different technological components of retail service scape		<b>CO3</b>