

OLABISI ONABANJO UNIVERSITY
FACULTY OF LAW

NAME OF EXAMINATION: RAIN SEMEMSTER, 2014/2015 SESSION
COURSE: SYSTEM ANALYSIS AND DESIGN
COURSE CODE: PRL 215
INSTRUCTION: ANSWER ANY FOUR QUESTIONS
TIME ALLOWED: 2^{1/2} HOURS

- 1a. Write short note on the three test of Project Feasibility.
- b. Highlight the major issues to carry out the implementation of each of the Project Feasibility.
- 2a. The unit price of a particular product is ₦ 18 if less than 10 are purchased, ₦16 if between 10 and 49 are purchased, and ₦15.50 if 50 or more are purchased. If the customer also has preferred customer status then the purchase is subject to a discount of 10%. Prepare a Decision Table.
- b. What activities make up system design? How does system design simplify implementation?
3. Write short note on the following terms in detail:
 - i. Analysis
 - ii. Interviewing
 - iii. Questionnaires
 - iv. Observation
 - v. Consistency Checking
- 4a. When invoicing customers, the invoice clerk has to work out the discounts allowable on each other. Any order over ₦2000 attracts a "bulk" discount of 10%. A customer within the trade is allowed 17%. There is also a special 5% allowed for any customer who has been ordering regularly for over 2 years.
 - i. Construct a decision table to illustrate the management's policy.
 - ii. State the possible advantages and disadvantages of using flowcharts and decision tables
- 5a. Differentiate between analysis and design. Describe the content of a system specification.
- ii. Distinguish between implementation and changeover. Describe the various methods of changeover.
- c. How would an analysis determine the user's needs for a system?
- 6a. When employing a lecturer into the Faculty of Law Olabisi Onabanjo University, Ago Iwoye. Assume that the condition is that the employee must have Ph.D and must be a citizen of Ogun State. Prepare a Decision Table for this problem.
- b. List the steps involve in System and Analysis Design