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**University Examinations 2015/2016**

SECOND YEAR FIRST SEMESTER EXAMINATION

FOR DIPLOMA IN

CIVIL ENGINEERING

**ECV 2150: CONSTRUCTION TECHNOLOGY AND SERVICES II**

 **DATE: APRIL 2016 TIME: 1 ½ HOURS**

**INSTRUCTIONS:** *Answer question* ***one*** *and any other* ***two*** *questions*

**QUESTION ONE (30 MARKS)**

1. Discuss three functions of carrying out floor finish. (9 marks)
2. Discuss three advantages and disadvantages of precast concrete floors when compared with in-situ reinforced floors (6 marks)
3. Explain three factors considered when choosing the type of door to use. (6 marks)
4. Make a well labeled diagram of a direct cold water supply system (9 marks)

**QUESTION TWO (15 MARKS)**

1. State four functions of any door (4 marks)
2. State five preparations for a door finish. (5 marks)
3. State three advantages and disadvantages of solvent-borne vs water-borne clear finishes. (6 marks)

**QUESTION THREE (15 MARKS)**

1. List down the directions of oiling a floor (6 marks)
2. State four steps followed when removing an old finish on a floor. (4 marks)
3. Explain five types of floor finishes. (5 marks)

**QUESTION FOUR (15 MARKS)**

1. State five requirements of a foul water drainage system. (5 marks)
2. State five guidelines for maintaining a safe electrical installation in a residential house

(5 marks)

1. What are the main causes of back siphonage in drinking water supply? (5 marks)