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**University Examinations 2015/2016**

THIRD YEAR FIRST SEMESTER EXAMINATION FOR DIPLOMA IN CIVIL ENGINEERING

**ECV 2307: COMPUTER AIDED DRAFTING**

 **DATE: NOVEMBER 2015 TIME: 3 HOURS**

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

**QUESTION ONE (30 MARKS)**

Using an Archicad draw the plan as shown in diagram 1 of a 3 bedroomed house include windows doors and all necessary appliances and furniture as shown. (30 Marks)

**QUESTION TWO (15 MARKS)**

Using the plan in diagram 1 produce all the elevations as indicated. (15 Marks)

**QUESTION THREE (15 MARKS)**

Using the plan in diagram produce 3 dimension perspective showing front, back and one side elevation. (15 Marks)

**QUESTION FOUR (15 MARKS)**

Using Autocad

1. Re-draw the orthographic projection in diagram 3.
2. Draw the isometric projection of diagram 3 with ‘A’ as the lowest point. (15 Marks)