

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY  
FACULTY OF THE BUILT ENVIRONMENT**

**DEPARTMENT OF ARCHITECTURE**

BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE  
2010-2011 ACADEMIC YEAR

PART 1 FIRST SEMESTER SUPPLEMENTARY EXAMINATIONS - 2011

**AAR 2103 - COMPUTER AIDED ARCHITECTURAL DESIGN 1**

**Instructions**

Answer All Questions.

**Duration: 4 Hours**

Total Marks: 100

\*Save your work regularly in case of power cuts (5to 10 minutes intervals)

Candidates are to be provided an Auto-cad file with furniture and window library.

Candidates are to be provided also with A2 rectangular space they should fit all their drawings for plotting.

Use appropriate notes, line types, line weights, dimensions and hatch.

Use appropriate title block and save your work using your registration number as file name on the Desktop.

\*Do not write your name on the paper.

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**QUESTION 1**

In point form list down the advantages of Computer Aided design [5]

**QUESTION 2**

Draw the FLOOR PLAN, provided using appropriate dimensions, hatching and include relevant notes. Scale 1:100 [40]

**QUESTION 3**

Draw section X-X with relevant notes, hatching, line types and dimensions. Scale 1:50 [30]

**QUESTION 4**

Draw all the Four ELEVATIONS using appropriate hatching, at scale 1:100. [25]