



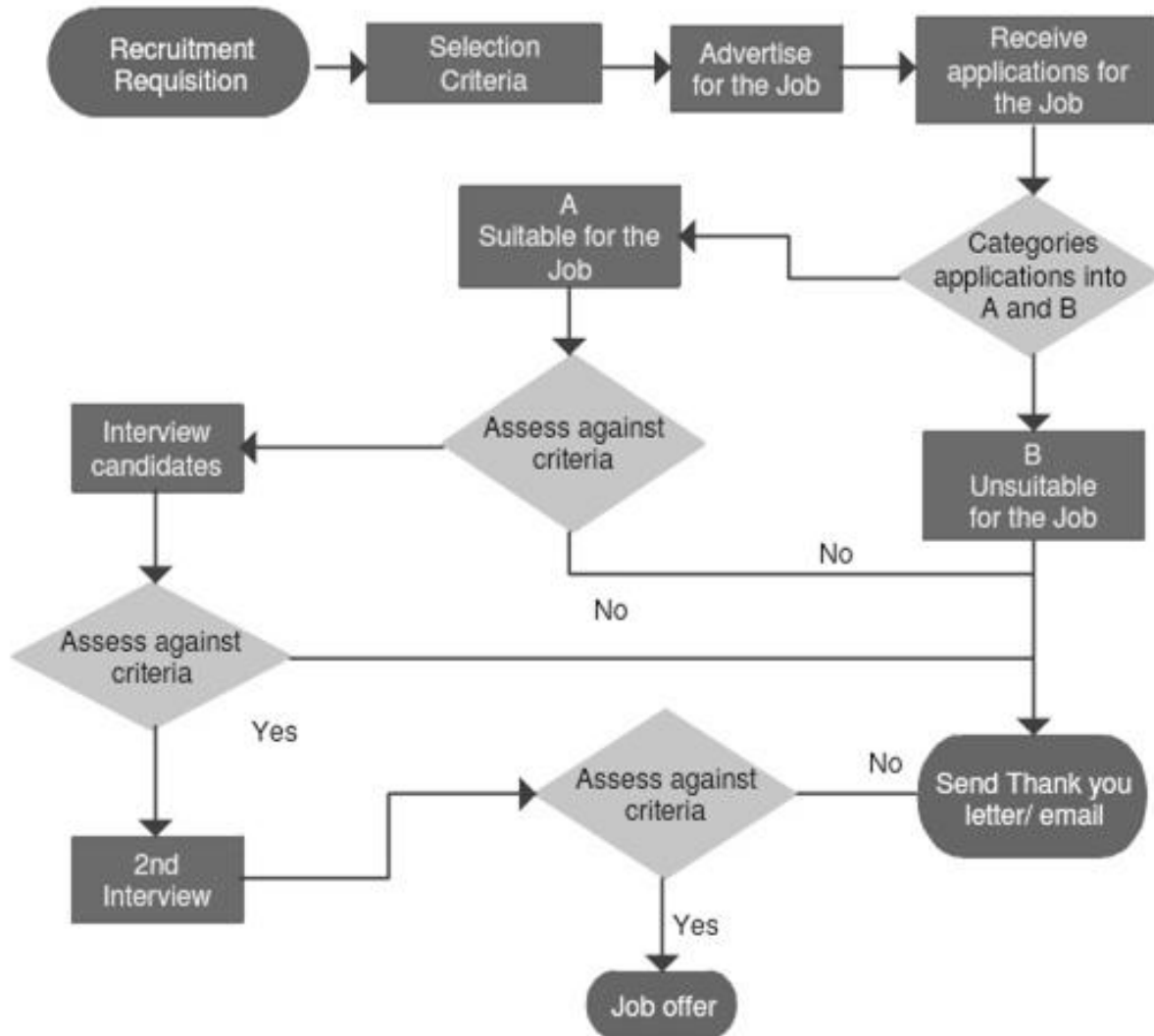
NORTH SOUTH UNIVERSITY
FALL 2017
FINAL EXAMINATION

EEE 154 TOTAL TIME 2 HOURS TOTAL MARKS 100

There are THREE questions in this paper. You must answer ALL questions.

QUESTION 01: Draw the flowchart as shown below on an A3 size paper and save it in the portable document format (pdf). Name the file as: **YourFirstNameInitial_YourLastName_01.pdf**. Email the file to the address: **eee154.fall2017@gmail.com**

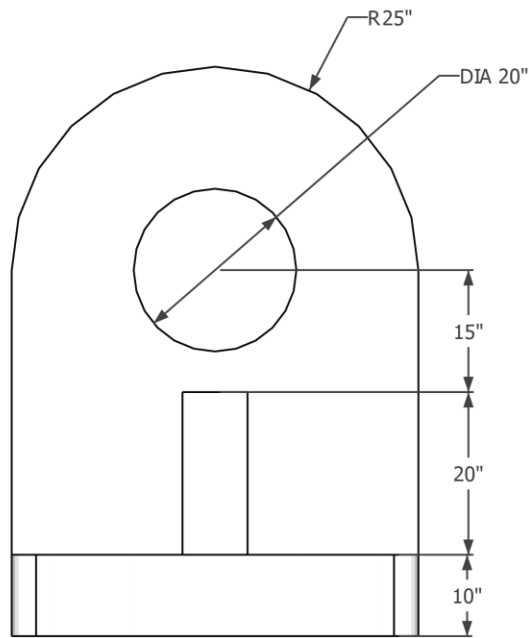
(example a student with full name Hussain Md. Ershad would name his file as H_Ershad_01.pdf)



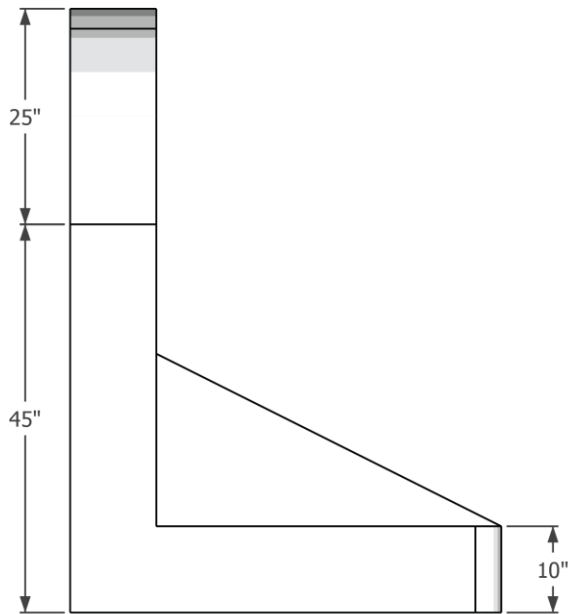
(25 marks)

Go on to the next page

QUESTION 02: Draw the mechanical part in SketchUP or similar software and complete the layout using Adobe Illustrator or similar software to prepare the diagram shown below. Name the file as:
YourFirstNameInitial_YourLastName_02.pdf. Email the file to the address: **eee154.fall2017@gmail.com**

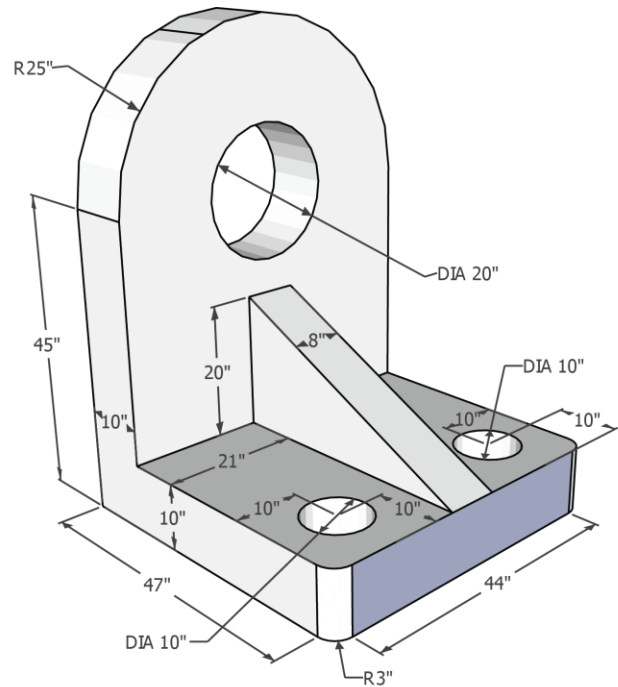


Right View

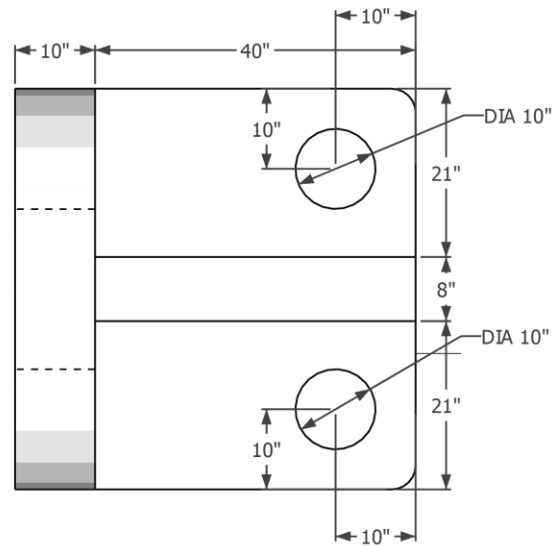


Front View

(45 Marks)



Isometric View



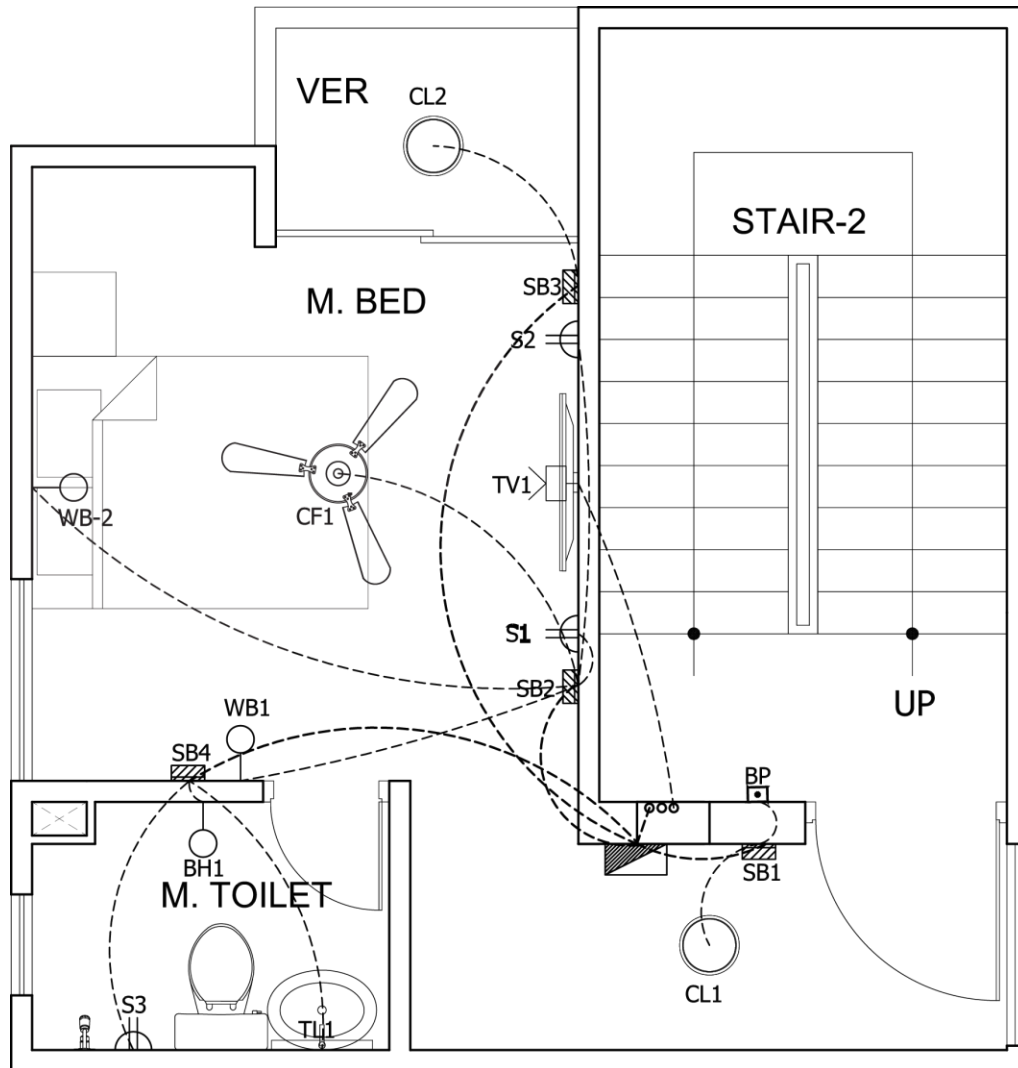
Top View

Student name: H.M. Ershad
 Student ID: 0010001001

Go on to the next page

QUESTION 03: The figure below shows electrical fixture and wiring diagram. You are given an AutoCAD drawing file titled **FixtureFinal.dwg** which contains the drawing of the blank apartment and the symbols library. You have to place the fixtures and wiring in the drawing as shown in the figure below.

Save the file as: **YourFirstNameInitial_YourLastName_03.dwg**. Email the file to the address: **eee154.fall2017@gmail.com**



Open the file **FixtureFinal.dwg** along with the symbols library to complete this exercise.

(30 marks)

STOP

If you finish before time is called you may leave the examination venue early.