TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Engineering and Technology
Department of Electrical & Electronics engineering
UNIVERSITY EXAMINATION FOR:
Diploma in Electrical Engineering
EME 2133: Computer Aided Drawing & Design
END OF SEMESTER EXAMINATION
SERIES: AUGUST 2019
TIME: 2 HOURS

Instruction to Candidates:

You should have the following for this examination
- *Student I.D. Card & Examination Pass*
- *Non-Programmable scientific calculator*
- *Answer booklet*
- *Computer/Laptop installed with AutoCAD software*

This paper consists of **FIVE** questions. Attempt question **ONE (Compulsory)** and any other **TWO** questions.

Maximum marks for each part of a question are as shown.
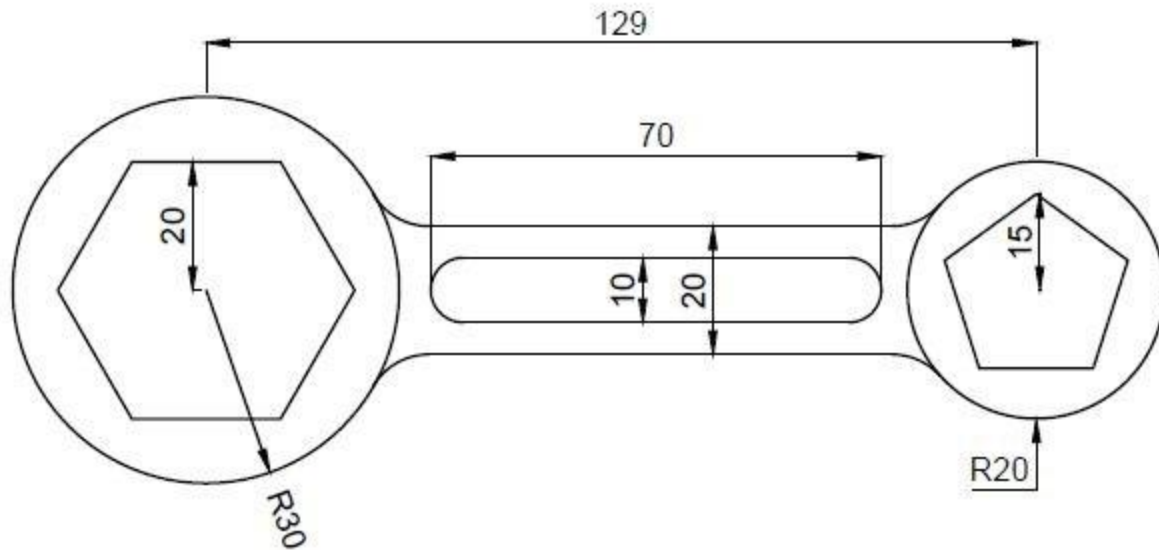
Do not write on the question paper.

Question ONE

a) State FIVE ways of obtaining AUTOCAD commands. **(5 marks)**

b) Explain any FIVE features of the AUTOCAD software. **(10 marks)**

c) State any FIVE advantages of computer Aided drafting compared to manual drafting. **(5 marks)**
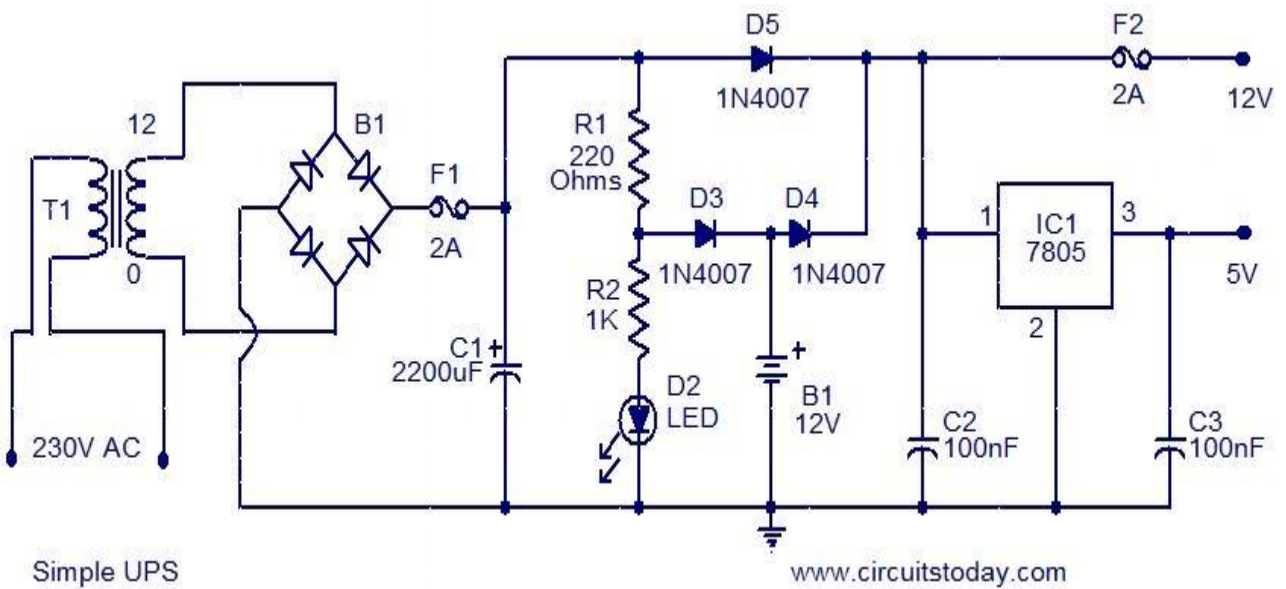
Question TWO
Reproduce the spanner in AutoCAD   **(20 marks)**

Question THREE
Reproduce the simple UPS circuit in AutoCAD   **(20 marks)**

Simple UPS   www.circuitstoday.com

Question FOUR
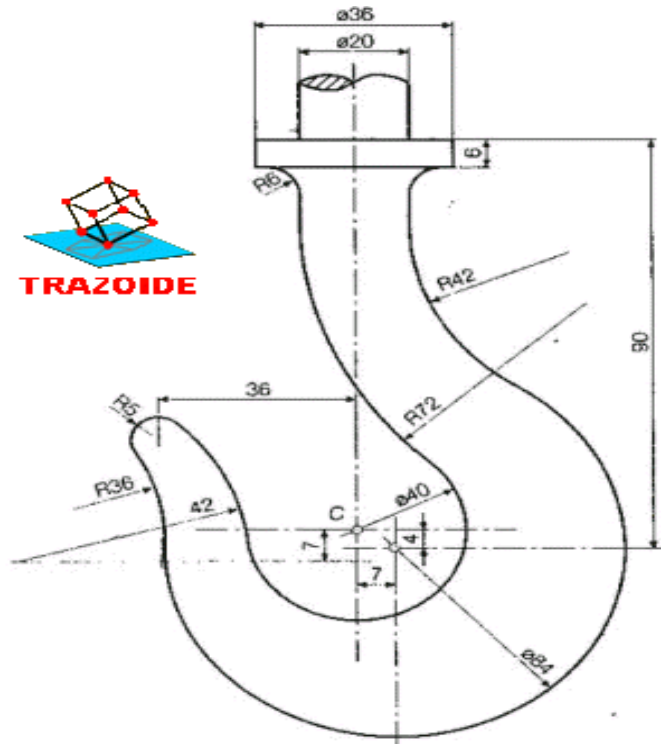Reproduce the hook in AutoCAD   **(20 marks)**

Question FIVE
Reproduce the locating bracket AutoCAD   **(20 marks)**