

WARNING: MISBEHAVIOR LEADS TO SERIOUS CONSEQUENCE.

SCUT Final Exam

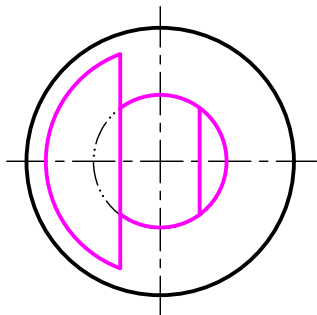
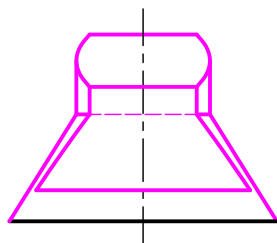
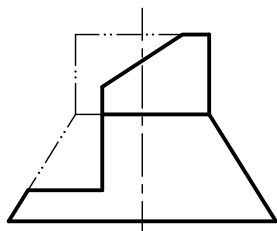
Engineering Drawing Exam Paper A (2022-2023-2)

- Notice: 1. Give your information on the left side of seal line.
2. Write your answers on the exam paper using pencil only.
3. This is a close-book exam.
4. The exam lasts 120 minutes with full score of 100 points .

Question No.	I	II	III	IV	V	VI	Sum
Score							

I. The below object is transformed from a cylinder-cone revolution object(回转体), complete the top view and draw the left view. (15 pts)

Score



评分标准:
俯视图5分, 每条/对线1分
左视图10分, 每条/对线1分

II. According to the given front view and left view, draw the top view and answer the following questions. (14 pts)

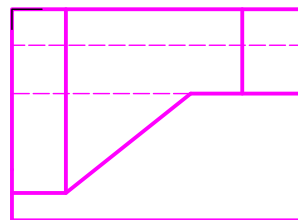
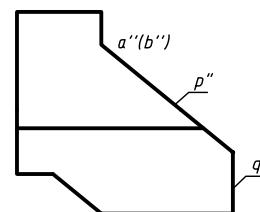
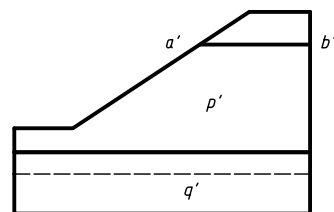
Choose the best answer to fill each bracket from options A-G.

Plane P is a (F) plane, Plane Q is a (A) plane,

Line AB is a (F) line.

Score

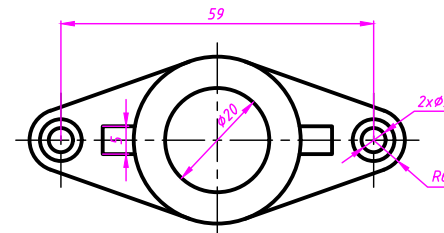
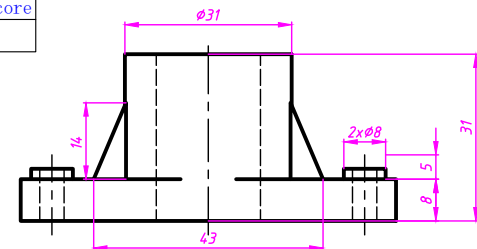
- A) V parallel (正平) B) H parallel (水平)
C) W parallel (侧平) D) V perpendicular (正垂)
E) H perpendicular (铅垂) F) W perpendicular (侧垂)
G) general position (一般位置)



评分标准:
填空3分, 每空一分
俯视图11分, 每条线1分

III. Dimension the composite solid. Measure directly and keep to integer. (标注组合体尺寸, 12 pts).

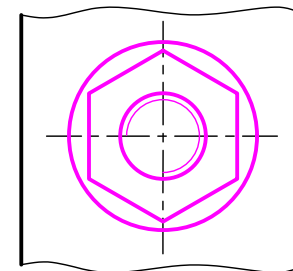
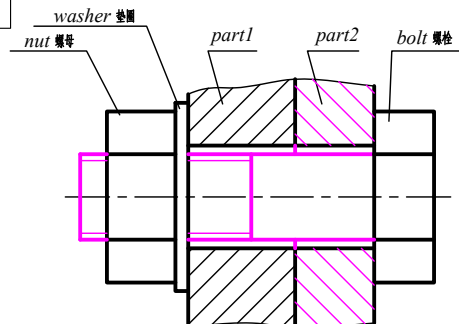
Score



评分标准: 共12分, 每个尺寸1分

IV. This is a bolt joint assembly drawing with bolt size of M16x55. You need to complete full sectional front view, and a regular left view. (完成螺栓联接装配的主视图和左视图, 12 pts)

Score



评分标准:
主视图8分, 每条线1分, 剖面线1分
左视图4分, 每条线1分