

WARNING: MISBEHAVIOR LEADS TO SERIOUS CONSEQUENCE.

SCUT Final Exam

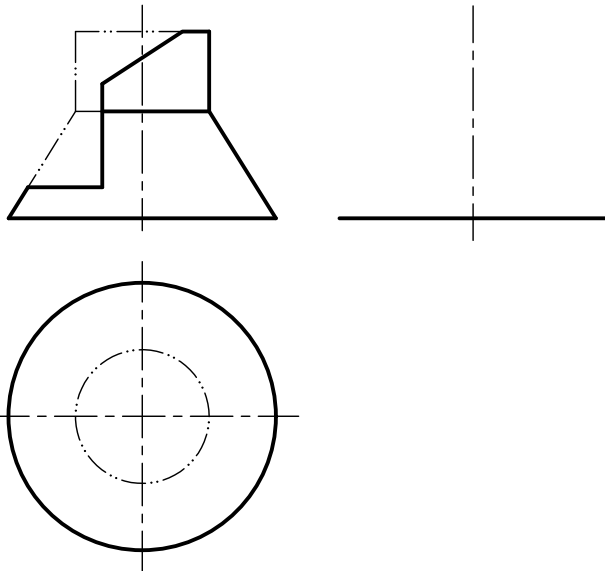
Engineering Drawing Exam Paper A (2022-2023-2)

- 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



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

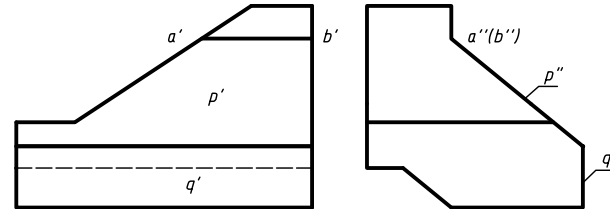
Choose the best answer to fill each bracket from options A-G.

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

Line AB is a () line.

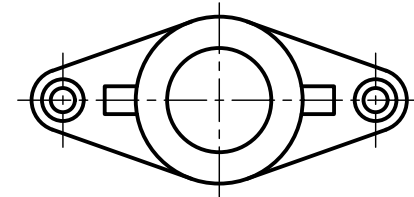
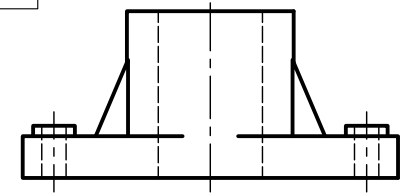
Score

- 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)



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

Score



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

