BISHOP'S SENIOR SCHOOL MUKONO
S.2 TECHNICAL DRAWING

INSTRUCTIONS:-
- Attempt all questions in this paper.
- Neatness and accuracy are a MUST.
- Print your Name, Stream. Date and Topic as BOT 3 Exam in the title block.

1. a) Using any method of your choice construct an ellipse whose major AXIS is 120mm and minor AXIS is 76mm.

   b) Locate its focal points.

2. Circumscribe a circle to triangle ABC whose base is 60mm, base angle 52½° and the sum of the remaining two sides is 125mm.

3. A parabola has ordinates OA and OB and the vertex V, as shown in the fig. below.
 a) Draw the parabola.

 b) Determine the focal point of the parabola;

4. Draw the given figure and construct a circle tangent to the given circle

And passing through a given point P on the line X – X.

- **END –**