

SHEET 1

PENANG SANGAM HIGH SCHOOL

YEAR 9

BASIC TECHNOLOGY

WORKSHEET – 4

QUESTION 1

MULTIPLE CHOICE

1. _____ is a fast and easy way to start your drawing.

- A. Printing
- B. Sketching
- C. Final solution
- D. Possible solution

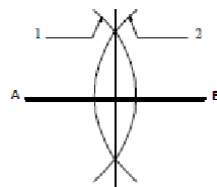
2. Which style of lettering is shown below?

- A. Incline
- B. Vertical
- C. Oblique
- D. Horizontal



3. Name the process shown in the diagram.

- A. Bisecting arc 1
- B. Bisecting line AB
- C. Quadrisectioning arc 2
- D. Quadrisectioning line AB



4. Which type of tool should not be used?

- A. Tools with good handles.
- B. Tools with blunt cutting edge.
- C. Tools with sharp cutting edge.
- D. None of the above

5. Workshop is a place where safety needs to be observed at all times.
One general safety of that student need to keep in mind while in a workshop is that

- A. Play while working.
- B. Always distract the fellow workers.
- C. Do not run or play in the workshop.
- D. Do not clean the workshop after use.

QUESTION 2

FILL IN THE BLANKS

All are compulsory

Choose the best word from the list given below and fill in the gaps to make the sentence correct.

Title block, compass, bold, protractor, tools,
drawing board, pocket, hammer, distract, immediately

1. Always keep your _____ in top condition. A dull blade or blunt point can lead to injury.

2. Use a _____ for driving punches, etc., and a mallet for chisels with wooden handles.

3. Never carry sharp or pointed tools such as a screwdriver in your _____.

4. Never _____ the attention of another student or co-worker, when that person is operating a machine.

5. All accidents, injuries, incidents, illnesses and hazards must be reported _____.

6. A _____ is the typical drafting instrument which you will use in schools for placing a piece of paper.

7. A _____ is used for drawing simple arcs and circles.

8. The _____ is used for measuring angles.

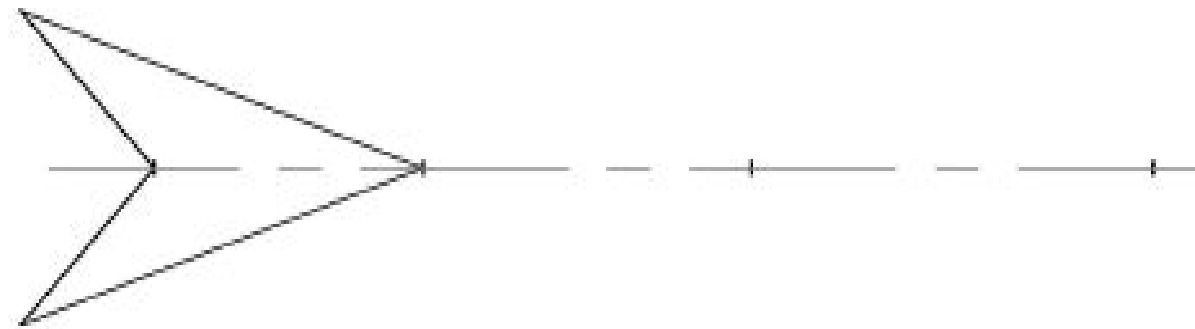
9. The _____ on a technical drawing worksheet should be at the bottom of the drawing sheet,

10. All lettering should be printed, _____, neat and clear.

QUESTION: 3 **PLANE GEOMETRY** **(20 MARKS)**

GIVEN: The shape of an arrow head, centre line & starting points

REQUIRED: Redraw the arrow head by projecting parallel lines from the given starting points.



REQUIRED: Quadrisect the given arc GH

