

SHEET 1

**PENANG SANGAM HIGH SCHOOL
YEAR 9
BASIC TECHNOLOGY**







WORKSHEET – 1

QUESTION 1

MULTIPLE CHOICE

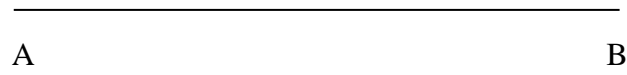
1. Ear muffs are used in order to protect your ears from
 - A. dust
 - B. getting wet
 - C. wood chips
 - D. excessive noise
2. The symbol given on right is known as
 - A. earth
 - B. sawn timber
 - C. hardcore fill
 - D. dressed timber
3. The technical drawing instrument given on the right is
 - A. Tee-Square
 - B. Axe-square
 - C. 30° Set-Square
 - D. 60° Set-Square
4. The symbol given on right is known as
 - A. switch socket
 - B. One way switch
 - C. illuminating lamp
 - D. wall mounted lamp
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

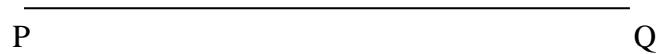
- a) Safety needs to be maintained in the workshop at all times to avoid any injuries occurring.
 - (i) State three personal safeties that need to be maintained at all times while working in the workshop.
 - (ii) State three hand tool safety that will keep the tool in a good condition.
 - (iii) State three general safeties that need to be observed while you are working in the workshop.
 - (iv) What is first aid?
- (b) Draw the different types of lines.
 - (i) Reference line –
 - (ii) Hidden line -
 - (iii) Centre line –
 - (iv) Dimension line –
- (c) Draw the following symbols.
 - (i) Sawn timber - 
 - (ii) Concrete - 
 - (iii) Distribution board - 
 - (iv) Dressed timber - 
 - (v) Illuminating lamp – 
 - (vi) Fluorescent lamp - 

QUESTION 3

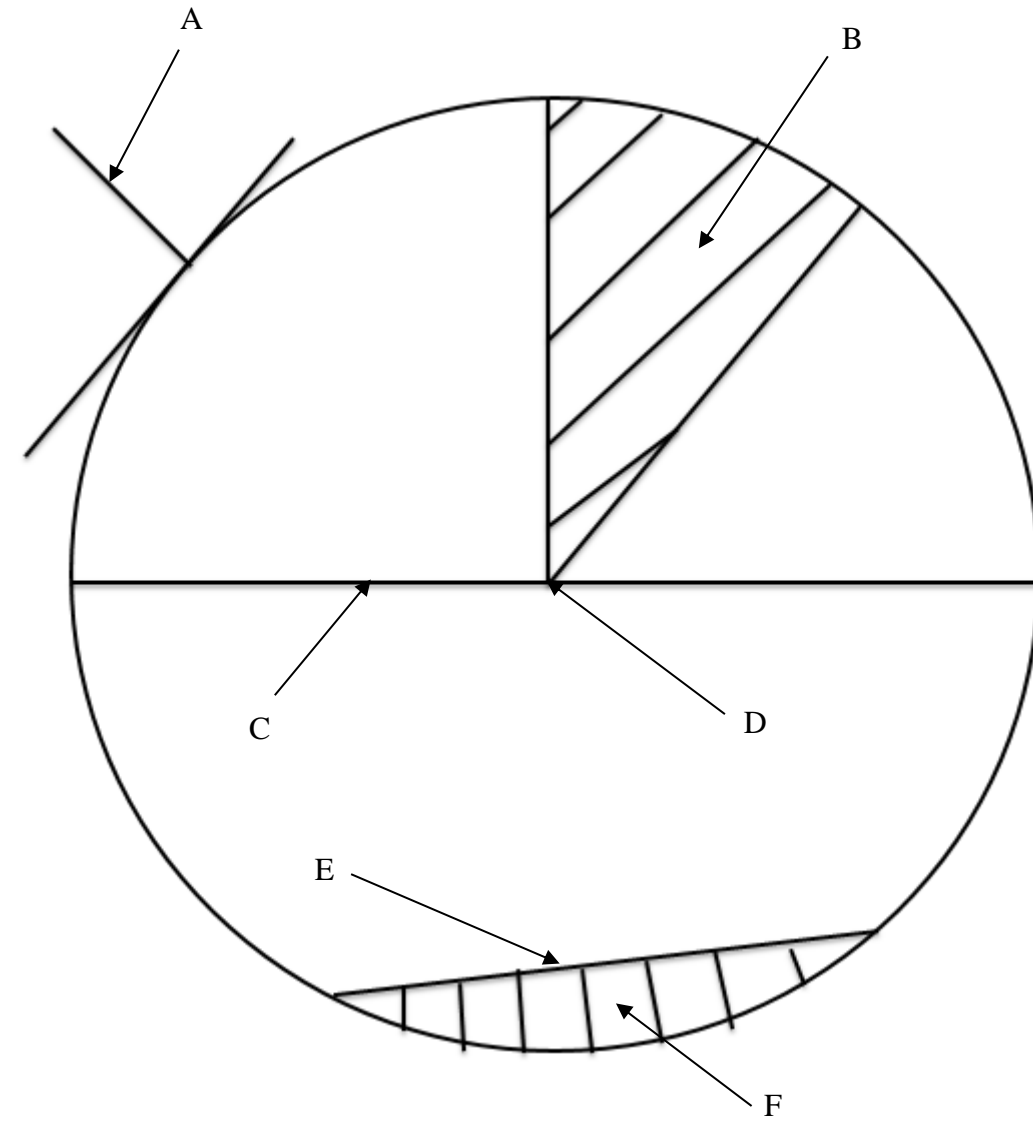
(d) Construct an equilateral triangle ABC with the given base AB. (3 marks)



(e) Construct an isosceles triangle PQR with the given base PQ and the altitude of 50mm. (3 marks)



(f) Label the parts of the given circle.



THE END