**PATFIN HIGH SCHOOL, AKESAN, LAGOS STATE**

**SECOND TERM EXAMINATION [2018/2019]**

**SUBJECT: BASIC TECHNOLOGY CLASS: J. S. S. 1**

**SECTION A OBJECTIVES**

**Instruction: answer all questions in this section. DURATION: 1 hour 30 mins**

1. The following are examples of civic buildings EXCEPT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Tower b) Library c) Theater d) Sports hall e) Museum
3. \_\_\_\_\_\_\_\_\_\_\_\_\_ is used to draw circles and arcs
4. Divider b) T-square c) Compass d) Protractor e) Ruler
5. \_\_\_\_\_\_\_\_\_\_\_\_ identifies a drawing.
6. Title block b) Vertical lines c) Cold block d) Pencil e) Horizontal lines
7. Which of the following is not a building material?
8. Gravel b) Bricks c) Rhombus d) Plastic e) Ceramics
9. Which of the following pencils is ideal for technical drawing?
10. 2H b) 2B c) H d) HB
11. French curve is used mainly for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
12. Drawing straight lines b) Drawing irregular curves c) Lettering d) Drawing angles
13. The following are used for technical drawing EXCEPT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. Set square b) Scale rule c) Pair of compass d) Try square
15. A straight line is the shortest distance between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ points.
16. 4 b) 5 c) 3 d) 2
17. Which of the following is NOT a marking out tool?
18. Chisel b) Scriber c) Protractor d) Divider
19. Which of the following is NOT used in freehand sketching?
20. Protractor b) Pencil c) Sharpener d) Drawing paper
21. All the following are required in building EXCEPT \_\_\_\_\_\_\_\_\_\_\_\_\_.
22. Cement b) Sand c) Cotton d) Gravel
23. A platform on which workers perform their woodwork operation is called \_\_\_\_\_\_\_\_.
24. Workbench b) Bench book c) Bench vice d) Bench stop
25. Which of the following is a metalwork measuring tool?
26. Scriber b) Bradawl c) Calliper d) Try-square
27. The ideal instrument used to set drawing paper on the board is \_\_\_\_\_\_\_\_\_\_\_.
28. Ruler b) Set square c) Tee-square d) Try-square
29. The following are driving tools EXCEPT \_\_\_\_\_\_\_\_\_\_\_\_.
30. Hammer b) Screwdriver c) Allen key d) Hacksaw

**SECTION B SUB-OBJECTIVE**

**FILL IN THE GAPS**

1. A protractor is used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Freehand sketching is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. The best style of sharpening a pencil is\_\_\_\_\_\_\_\_\_\_\_
4. Tools used in woodwork to make holes are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_ tape is the best tape for fastening the drawing paper to the board.

**SECTION C THEORY**

**ANSWER NUMBER ONE AND ANY OTHER THREE**

1 a) Define Building.

b) State 5 building materials and their uses.

2 List 5 types of building and give two examples of each.

3 a) Define Technical Drawing.

b) List 4 drawing instruments and draw two of them.

c) State the uses of the drawing instruments listed in 3b)

4 List the steps in setting a drawing paper on a drawing board.

5 a) List 3 measuring tools and marking out tools each.

b) State the uses of 2 of each tools mentioned in 5a).

c) Using freehand sketching, sketch a T-square and Hand saw

6 a) Define Workbench.

b) List 2 workbench fittings and appliances.

c) State the three ways of sharpening a pencil.