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

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

**SUBJECT: BASIC TECHNOLOGY CLASS: J. S. S. 3**

**SECTION A OBJECTIVES**

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

1. A Professional job from which we can earn living in life is called \_\_\_\_\_\_\_\_\_\_.
2. Technology b) Career c) Employment d) Resources
3. The follocvwing are professions for studying basic technology except \_\_\_\_\_\_\_\_\_\_.
4. Electrical engineering b) Civil engineering c) Accountancy d) Architecture
5. The following are examples of alloys except\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Brass b) Duralumin c) Bronze d) Tungsten
7. \_\_\_\_\_\_\_\_\_\_ is used to fell large trees.
8. Saw b) Chain saw c) Axe d) Cutlass
9. Turning a log into boards and planks is called \_\_\_\_\_\_\_\_\_\_\_
10. Processing b) Conversion c) Seasoning d) Warping
11. Which of the following is not used to preserve timber?
12. Oil b) Paint c) Varnish d) Gum
13. Injection moulding is used in processing which of the following
14. Plastic and rubber b) Rubber and glass c) Glass and ceramics d) Ceramics and plastic
15. Plantation softwood can be ready for felling after \_\_\_\_\_\_ years.
16. 11 b) 20 c) 10 d) 15
17. \_\_\_\_\_\_\_\_\_\_\_ affects how a log needs to be cut up in order for the best use to be made of its timber.
18. Conversion b) Taper c) Warping d) Seasoning
19. Plastics are used for the following except \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
20. Radio case b) Tyres c) Table d) Chair
21. Making use of clay to produce various items in technology is known as\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
22. Fine arts b) Creative arts c) Pottery d) Visual arts
23. Rubber is an organic material that is highly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
24. Brittle b) Permeable c) Tough d) Elastic
25. Pictorial drawing inclined at angle 30o to the horizontal plane is called \_\_\_\_\_\_ drawing.
26. Isometric b) Orthographic c) Oblique d) Perspective
27. One-point perspective is similar to \_\_\_\_\_\_\_\_\_\_.
28. Orthographic projection b) Isometric projection c) Oblique projection d) Blueprints
29. The following are used in drawing practice except \_\_\_\_\_\_\_\_\_\_\_\_\_.
30. T-square b) Drawing board c) Set square d) pen

**SECTION B SUB-OBJECTIVE**

**FILL IN THE GAPS**

1. Seasoning helps to prevent \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. The raw material for glass is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Isometric means \_\_\_\_\_\_\_.
4. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_ plan shows the layout of the rooms.
5. The type of drawing which shows the plan, front and side elevation is known as\_\_\_\_\_\_\_\_\_\_\_\_\_.

**SECTION C THEORY**

**ANSWER FOUR QUESTIONS ONLY. NUMBER ONE IS COMPULSORY**

1 a) List four (4) career prospects in technology.

b) Define Technological Literacy.

b) State 3 importance of Technological Literacy.

2 a) List 5 furniture that can be made out of wood.

b) State the difference between Hardwood and Softwood.

c) Briefly explain how wood is processed and how it is preserved.

3 a) List four things made from the following:

i) Ceramics

ii) Plastics

iii) Rubber

iv) Glass

b) What is the difference between Ceramics and Glass?

4 a) What is Alloy?

b) List 4 uses of Metal Alloys.

c) List 4 examples of Alloy.

5 a) Do an Oblique drawing of a cube.

b) What is Orthographic projection?

6 a) Do an Isometric drawing of a cube.

b) Define Perspective drawing.

c) Draw a cube in one-point perspective.