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

**FIRST 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. Technology does the following except \_\_\_\_\_\_\_\_\_\_.
2. Saves human energy b) Consumes time c) Increase production rate d) Improves life’s quality
3. Which of the following is not a technology related occupation?
4. Electrician b) Pharmacist c) Architect d) None
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an organic and porous tissue found in the stems and roots of trees.
6. Flower b) Leaves c) Wood d) Shoot
7. \_\_\_\_\_\_\_\_\_\_\_ is used by cyclists to protect the head from injury.
8. Shower cap b) Head gear c) Scarf d) Helmet
9. A driver should not drive without a driver’s \_\_\_\_\_\_\_\_\_\_\_
10. Helmet b) Licence c) Wheel d) Cell phone
11. Which of the following is the cause of workshop accidents?
12. Wearing protective gear b) Using tools and equipment safely c) Safe disposal of waste d) Poor housekeeping
13. Masks are used to protect the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. Lungs b) Clothes c) Ears d) Eyes
15. The following are properties of wood except \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
16. It is relatively cheap b) It is a renewable energy c) Can be used for different things d) It is ductilible
17. One of the following is an example of metals.
18. Silica b) Iron c) Magnesium d) Hydrogen
19. Which of these is true of the difference between ceramics and glass?
20. Ceramics are made from clay while Glass is made from silica
21. Glass is naturally transparent while ceramics are naturally opaque
22. Ceramics reflects light rays while Glass does not
23. i and ii b) i and iii c) ii and iii d) All of the above
24. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is made from silica dioxide.
25. Metal b) Ceramics c) Wood d) Glass
26. Workshop safety rules says: Do not use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tools.
27. faulty b) good c) light d) fine
28. When soldering and welding, we make use of \_\_\_\_\_\_\_\_\_\_\_\_ to protect the eye.
29. Sunglasses b) Masks c) Visors d) Gloves
30. Plastics are used in form of the following except \_\_\_\_\_\_\_\_\_\_
31. Window frames b) roofing sheets c) nails and screws d) plumbing
32. When working with a noisy equipment, make use of \_\_\_\_\_\_\_\_\_\_\_\_
33. Gloves b) Earplugs c) Masks d) Dustcoats

**SECTION B SUB-OBJECTIVE**

**FILL IN THE GAPS**

1. Technology is important because it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the Greek name for pottery.
3. \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ are the different types of wood.
4. Soft woods are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ rely on heat to make the final product.

**SECTION C THEORY**

**ANSWER NUMBER ONE AND ANY OTHER THREE**

1 a) Define Technology.

1. Give three importance of technology.
2. List five (5) technology related professions and occupations.

2 a) What is road safety?

b) State 2 safety guidelines each for pedestrians and motorists.

c) State 2 safety guidelines for cyclists and motor cyclists.

d) State 2 causes of workshop accidents.

3 a) Draw the following safety devices

i) Gloves

ii) Apron

1. What are safety guards?
2. List 2 protective gears and state their uses.

4 a) State 4 properties of wood.

b) List and explain the two classes of wood.

5 a) List 5 forms of metals.

b) State 5 properties of metals.

c) Define metal.

6 a) State two properties of glass.

b) State two properties of ceramics.

c) List two uses of rubber.

d) List two uses of plastic.