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

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

**SUBJECT: BASIC TECHNOLOGY CLASS: J. S. S. 2**

**SECTION A OBJECTIVES**

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

1. The following are found in a first aid box except \_\_\_\_\_\_\_\_\_\_.
2. Hand sanitizer b) Safety pins c) Cosmetics d) Plasters
3. \_\_\_\_\_\_\_\_\_\_ is harvested from trees.
4. Wood b) Table c) Ceilings d) Iron
5. Hard wood is used to produce the following except\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Beds b) Tables c) Couches d) Ceilings
7. Ferrous metals contain\_\_\_\_\_\_\_\_\_\_.
8. Copper b) Iron c) Zinc d) Chrome
9. Latex gloves are made from\_\_\_\_\_\_\_\_\_\_\_
10. Plastics b) Wood c) Rubber d) Ceramics
11. \_\_\_\_\_\_\_\_\_\_ is a line from the circle’s centre to its circumference.
12. Chord b) Radius c) Sector d) Diameter
13. The four quadrants of a circle are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. 1800 b) 400 c) 900 d) 3600
15. A triangle that has two sides equal and two opposite angles equal is called \_\_\_\_ triangle.
16. Scalene b) Isosceles c) Equilateral d) Right-angled
17. The first step in constructing an inscribed circle to a triangle is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
18. Construct a perpendicular from the centre to one side of the triangle b)Bisect another angle c) Draw the inscribed circle d) Bisect one of the triangle’s angles
19. The fractional part of a circumference is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
20. Diameter b) Arc c) Circumference d) Radius
21. In drawing an arc, \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used.
22. Compass b) Protractor c) Ruler d) Divider
23. When dealing with blood, always put on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
24. Face masks b) Towel c) Apron d) Disposable gloves
25. What tears when a person sprains an ankle?
26. Flesh b) Artery c) Ligaments d) Veins
27. Wellington boots are made from \_\_\_\_\_\_\_\_\_\_.
28. Plastics b) Ceramics c) Rubber d) Wood
29. Glass is made from \_\_\_\_\_\_\_\_\_\_\_\_
30. Silica sand b) Iron c) Clay d) Copper

**SECTION B SUB-OBJECTIVE**

**FILL IN THE GAPS**

1. Natural rubber is produced from the \_\_\_\_\_\_\_\_\_\_\_\_ of rubber trees.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a round plane figure.
3. An emergency medical treatment given to an injured or sick person is known as \_\_\_\_\_\_\_.
4. One of the special equipment used to free injured people from wreckages is \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. One major property of plastics is; plastics are \_\_\_\_\_\_\_\_\_\_\_\_\_.

**SECTION C THEORY**

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

1 a) List 10 items in a first aid box.

1. List 3 steps in treating bleeding wounds.
2. List 2 steps taken in the treatment of sprains.

2 a) List and explain the different aspects of rescue operations.

b) List 3 steps taken in rescue operations.

3 a) Give 3 examples each of products gotten from soft wood and hard wood.

1. State 2 uses of wood.
2. State 2 uses of metals.
3. Differentiate the two types of metals.

4 a) How are tiles and pottery made?

b) State 2 uses of ceramics.

c) State 2 uses of rubber.

d) State 2 uses of plastics.

5 a) Construct a right-angled triangle showing the steps.

6 a) Classify triangles 1-7.

1 5

2 4

7

3 6

b) Describe the characteristics of each of the four different kinds of triangles.