

Name \_\_\_\_\_

Assessment No. \_\_\_\_\_





School \_\_\_\_\_

Date \_\_\_\_\_

Instructions: This paper consists of two sections A and B

TIME: 1HR. 20MIN

**Section A: (15 MARKS)**

1. In the computer lab, the teacher shows students how to shut down computers properly. Why is this important?  
A. It slows down the system  
B. Makes the lab quiet  
C. Prevents data loss and damage  
D. Logs in faster
2. In a school drawing lesson, Susan sketches a picture showing emotions using free hand. This type of drawing is a  
A. graffiti                      B. caricature  
C. portrait                      D. illustration
3. A line on drawing is labelled to show an object measurement in millimeters. Which of the lines below is it?  
A.   
B.   
C.   
D. 
4. While working on a school project using a hammer, Brighton accidentally hits his finger. What safety rules did he likely ignore?  
A. Reading instructions  
B. Wearing protective gloves  
C. Turning off machines  
D. Keeping the table clean

5. Brian uses a tablet to research information for a class project. The tablet is **best** classified as a  
A. supercomputer      B. mainframe  
C. personal computer      D. minicomputer
6. Which of the following is a metallic material used to make electrical wires?  
A. Iron                      B. Copper  
C. Clay                      D. Leather
7. Which one of the following is a reward for capital ?  
A. Profit                      B. Interest  
C. Wages                      D. Wages
8. Peter uses aluminum to make light weight windows. What physical property makes aluminium suitable for this?  
A. Heaviness  
B. Rusting easily  
C. Weakness  
D. Lightweight and rust resistant
9. During an Art class, pupils are told to sketch without using a ruler. This is known as  
A. technical drawing  
B. computer drawing  
C. artistic drawing  
D. freehand sketching
10. In a community project, a group makes and sells flower vases. The vases are examples of  
A. wants                      B. services  
C. goods                      D. needs

- |   |  |
|---|--|
| <p><b>11.</b> In a village, farmers, land, machines and money are all used to grow maize. These are examples of</p> <p>A. raw materials    B. economic resources<br/>C. experiments    D. basic needs</p> <p><b>12.</b> The symbol of justice (scale) on Kenyan currency represents</p> <p>A. history    B. peace<br/>C. fairness    D. agriculture</p> <p><b>13.</b> Which of these is a key security feature of a Kenyan bank note?</p> <p>A. Water mark    B. Coat of Arms<br/>C. Wildlife    D. Texture</p> | <p><b>14.</b> Which of the following is a common physical hazard in the work place?</p> <p>A. Poor internet connection<br/>B. Wet floors<br/>C. Inadequate software<br/>D. Slow computers</p> <p><b>15.</b> Your computer notifies you of a system update. What should you do?</p> <p>A. Ignore the notification<br/>B. Run the update to make sure your system is secure<br/>C. Turn off the computer<br/>D. Uninstall the software</p> |
|---|--|

**Section B: (35 MARKS)**

**Answer all the questions in the spaces provided.**

- 16.** You have been invited to have a talk with your peers as a resource person on how to keep personal and sensitive data from public. Highlight **five** measures you will talk about. (5mks)
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (iii) \_\_\_\_\_
- (iv) \_\_\_\_\_
- (v) \_\_\_\_\_
- 17.** You have attended a forum where the following terms were mentioned. Define them (3mks)
- I) Phishing
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- II) Cyber bullying
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## II) Impersonation

---

---

---

18. Anyenga is a new student in your school. He approaches you to explain to him some of the safety rules to observe when handling tools. (4mks)  
State **four** rules you will guide him with.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_

19. In your Pre-technical lesson, you have learnt about ICT tools in communication.

(a) State **four** ICT tools used in communication. (4mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_

(b) Highlight **two** importance of communication in a business environment. (2mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Name **two** fundamental elements of the communication process. (2mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_



20. Name **three** dimensioning methods used in technical drawings. (3mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

21. (a) Define economic resources. (2mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Give **three** characteristics of economic resources. (3mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

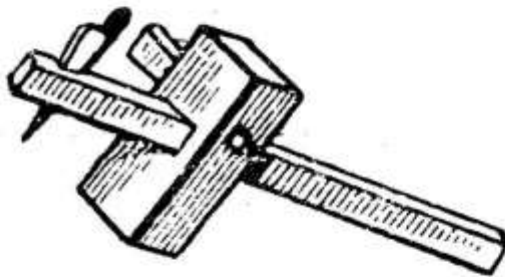
c) Identify the **three** classes of economic resources as studied in Pre Technical Studies (3mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

22. The drawn tool below is one that is widely used in technical fields.



a) Identify the tool drawn above. (2mks)

\_\_\_\_\_

\_\_\_\_\_

(b) What are the **three** uses of the tool above? (3mks)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_