TARGETER WINGS
JUNIOR SCHOOL ASSESSMENT
GRADE 8 - 2024

Wings 005

PRE-TECHNICAL STUDIES

TIME:1hour 20mins

Name:	_____
School:	_____
Adm No:	_____ Date _____

Instructions:

(a) Write your name, school, admission number and date in the spaces provided above.
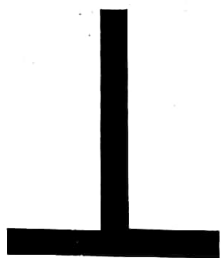
(b) Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY			
Questions	Maximum score	Student's score	Performance scale
1.	2		
2	2		
3	3		
4	3		
5	2		
6	2		
7	2		
8	2		
9	2		
10	4		
11	4		
12	2		
13	3		
14	4		
15	2		
16	2		
17	3		
18	2		
19	2		
20	2		
Total	**50**		

1. In each of the sentences below, write 'artistic' or 'technical' after the dash to indicate which type of drawing is being described. (2 marks)
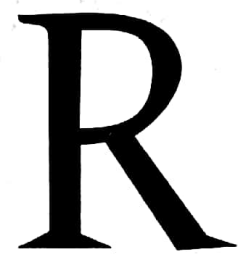
    i) Used to provide accurate measurements of an object to scale _____

    ii) Used to express one's ideas, to decorate or to give pleasing appearance. _____

2. What do the following symbols represent as used in drawing; (2mks)
    a)   b)

    ⊥   R

    _____   _____

3. List three causes of fire in a work environment. (3mks)
    a) _____
    b) _____
    c) _____

4. Name **three** safety rules and regulations in a work environment (3mks)
    a) _____
    b) _____
    c) _____

5. Which method of fire fighting is being explained in the sentence below? Choose your answer from among the ones in the bracket. (2mks)
    "In this method, the supply of oxygen to the burning object is cut out to slow down the burning process." _____
    (**Starving method, Smothering method, Interrupting method**).

6. State **two** ways of preventing fire outbreak in a work environment (2mks)
    a) _____
    b) _____

7. What is "Plain scale" as used in drawing? (2mks)
    a) _____
    b) _____

8. State what 'R' and 'F' stand for in the ratio R/F as used in plain scale drawing (2mks)
    a) _____
    b) _____

9. The physical parts of a computer that are tangible are called _____ (2mks)

10. State the **four** categories of computer hardware (4mks)

a) _____

b) _____

c) _____

d) _____

11. List **four** common causes of data threats in an electronic device. (4mks)
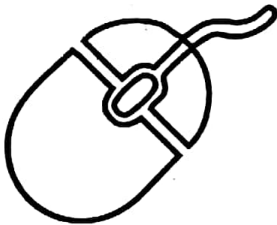
a) _____

b) _____

c) _____

d) _____

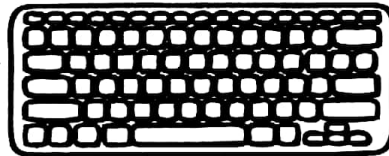12. Give **one** reason as to why we should back up our data in our electronic digital devices (2mks)

_____
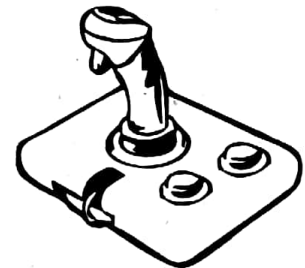
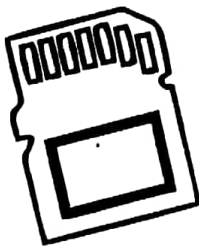13. Name each of the following input devices below. (3mks)

a) b) c)

_____   _____   _____

14. Match each of the following scanning devices with the right function (4mks)

Scanning Device		Function
Optical Character Reader		Reads marked bubbles on a paper form, like answers on a multiple-choice test.
Barcode Reader		Reads special characters printed with magnetic ink, often found on cheques.
Magnetic Ink Character Reader		Scans (a series of lines or other shapes) to retrieve product information.
Optical Mark Reader		Reads printed text and turns it into digital text. It recognizes letters and words on paper.

15. Identify and name each of the computer storage devices shown below. (2mks)

a) b)

_____   _____

16. What is the meaning of the following terms used in business studies? (2mks)

    i)   Consumer

_____

_____

    ii)   Investor

_____

_____

17. List **three** forms of communication in a work environment (3mks)

    a) _____

    b) _____

    c) _____

18. What are some **two** factors one should consider when selecting a communication channel? (2mks)

    a) _____

    b) _____

19. Explain the meaning of the following words used in written communication; (2mks)

    i)   Memo

_____

_____

    ii)   Minutes

_____

_____

20. Give **one** difference between goods and services. (2mks)

_____

_____