

JUNIOR SCHOOL ASSESSMENT TEST

**PIONEER MARK
SERIES**

GRADE EIGHT -2025

PRE-TECHNICAL STUDIES

Name: _____

School: _____ ADM No. _____ Date: _____

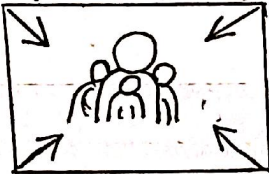
ASSESSMENT RUBRIC: PERFORMANCE LEVEL

Exceeding expectation	Meeting expectation	Approaching expectation	Below expectation	Total score (%)

1. Grade eight learners were performing an integrated science experiment. Accidentally fire broke out due to chemical reaction. Which was the most appropriate method to put out the fire

- A) cooling method
- B) Starving method
- C) Interruption method
- D) Smothering method

2. Identify the fire safety signage below



- A) Fire exit
- B) Fire alarm call point
- C) Fire hose reel sign
- D) Fire assembly point

3. Grade eight learner were to name the physical treats to digital devices, identify one of the threats they named

- A) Data theft
- B) Hard ware failure
- C) Ransome ware
- D) Virus attack

4. During a fire out break a victim was found to have the following symptoms
The affected area appeared red, blistered and after sometime became swollen and painful. Identify the degree of burn described above

- A) First degree
- B) Second degree
- C) Third degree
- D) Fourth degree

5. Identify the type of line drawn below

- A) Break line
- B) Cúttng plane
- C) Centre line
- D) Phantom line

6. The following are examples of input device

Mouse, keyboard, keypad, joystick, light pen.

Which one of the following is not a pointing device

- A) Mouse
- B) Keyboard
- C) Touch pad
- D) Joystick

7. A carpenter was invited to repair broke desk, the carpenter used all the following marking tools except one, identify the tool
- A) Marking gauge
 - B) Pencil
 - C) Plumb bob
 - D) sliding bevel
8. Joseph wants to start a business in his locality. As a good entrepreneur, from the list below identify the factor of production that he should consider
- A) Good
 - B) Service
 - C) Customer
 - D) Labour
9. Which one f the following is not a characteristic of metallic material
- A) Some rust
 - B) They heat up slowly
 - C) they are not easy to break
 - D) They cool faster under shade
10. The following are characteristics of goods and services. Which one is not?

Goods

Services

- A) Goods are tangible
- B) Can be separated from seller
- C) Cannot be transported
- D) Can be stored

- Intangible
- Cannot be separated from seller
- Can be transported from one place to another
- Cannot be stored

11. Define the following term

i) Data

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ii) Data threat

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iii) Data privacy

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12. Differentiate between technical and artistic drawing(4mks)

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13. Draw and label three types of lines used in technical drawing (6mks)

i.

ii.

iii.

14.State the various forms of communication channels used in business(3mks)

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15.As good citizen which are the ethical practices in production of goods and services(4mks)

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16.a) define the term money. (1mks)

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b) Explain the uses of money in day to-day life.

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17.Differentiate the various grouping of goods.

a) Perishable and durable goods (2mks)

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b) Public goods and private goods(2mks)

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18.The school principal wanted to purchase some computer output devices highlight some of the factors she should have considered when doing the purchase (5 mks)

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19.Differentiate between ferrous and nonferrous metals (4mks)

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20. State three roles of pre-technical studies(3mks)

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21. Briefly explain the functions of the following output devices of a computer. (4mks)

a) Speaker

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b) Monitor

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c) Printer

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d) Earphones

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22. Differentiate between:

a) Producer goods and consumer goods. (2mks)

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b) Perishable goods and durable goods. (2mks)

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23. Learners watched a video on the sources of generating business ideas. Mention 3 sources of business ideas they identified. (3mks)

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24. State and explain 3 forms of communication. (6mks)

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25. Narrate two factors to consider when selecting channel of communication. (2mks)

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