



# PSL SCHOOL BASED ASSESSMENT

## GRADE 7 END TERM 1 2026

Pre-Technical Studies Theory  
1hr 40minutes

LEARNER'S NAME: \_\_\_\_\_

WORKSPACE CODE: \_\_\_\_\_ Date: \_\_\_\_\_

### INSTRUCTIONS TO THE LEARNER:

Answer all questions in the spaces provided.



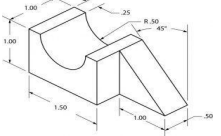

FOR TEACHER'S USE ONLY	
Question Numbers (1-25)	Score
Learner's Score	
Total Score	
Performance Level	

### SECTION A (10 MARKS)

- One of the components of Pre-Technical studies involves study of activities that involve production, distribution and consumption of goods and services. Identify the component described above.
  - Computer science
  - Business studies
  - Pre-Technical studies
  - Technical drawing
- Hazards can cause harm to one's health. Which one of the following is NOT a potential hazard to personal safety in the environment?
  - Friend request from unknown person.
  - Sharp tools and equipment
  - Exposed wires
  - Flammable materials
- A learner used digital media to search for information on physical threats to digital devices. Which one of the following was in the list?
  - Phishing
  - Hacking
  - Cyberbullying
  - Hardware failure
- Grade 7 learners discussed and presented roles of drawing in communication. Which of the following is not an importance of drawing as a means of communication?
  - Source of income
  - Expresses ideas
  - Expresses emotion
  - Enhance communication
- Grade 7 learners used visual aid to search for the information on the types of lines. Name the type of line below that they came across during their search.

\_\_\_\_\_

  - Phantom line
  - Thick continuous line
  - Thin continuous line
  - Chained line
- Learners used online resources to search for information on artistic and technical drawing. Which of the following diagrams shows an example of technical drawing.

A	
B	
C	
D	

7. During a computer lesson learners observed different examples of analog computers. Which of the following is an example of an analog computer?

- A. Tablet
- B. Blood pressure monitoring device
- C. Fuel pump
- D. Speedometer

8. Grade 7 learners watched a video clip on classification of computers. Which of the following is correctly classified?

	Criteria	Type of computer
A	Functionality	Analog computers
B	Purpose	Mainframe computers
C	Size	Hybrid computers
D	Size	Digital computers

9. Grade 7 learners were discussing computer concepts. Which of the following is the correct meaning of the word 'Data' as used in computer concepts.

- A. Raw facts that are meaningful to the user
- B. Processed facts that are meaningless to the user
- C. Raw facts that are meaningless to the user

D. Processed facts that are meaningful to the user

10. During a group discussion, learners presented safety rules and regulations for different situations. Which of the following is a safety rule and regulation while handling tools?

- A. Label chemical containers before using them
- B. Inspect them to ensure they are not defective
- C. Wear personal protective clothing
- D. Ensure you know how to safely use the tool

**SECTION B (40 mks)**

11. Learners brainstormed on the meaning of Pre-technical studies during group discussion lessons. Write their possible answer (1mk)

12. Pre-technical Studies is an integrated learning area, name the three main components of Pre-Technical Studies. (3mks)

13. As a student of pre- technical studies, mention three roles of the subject in the society. (3mks)

14. Grade 7 pupils were doing some manual work; mention three physical threats they should be watchful of as they are doing the work. (3mks)

15. Mention two possible online threats that Natalie is likely to face as she is working online. (2mks)

16. A learner drew some diagrams as a way of communicating to others. State two importance of the diagrams they drew (2mks)

17. A mason saw the following drawings on public walls and construction sites respectively. Explain three differences in the two drawings (3mks)



18. During the Pre-Technical studies lesson, learners were discussing basic symbols and their meanings. Sketch basic symbols of the following. (4mks)

a. Diameter

b. Centerline

c. Perpendicularity

d. Square

19. A learner drew some basic abbreviations used in drawing on the board. What is the meaning of the following abbreviations? (2mks)

a. DRG

b. I/D

20. Students were working in the compound during a Pre-Technical lesson, mention three important reasons why they should observe safety as they perform the tasks. (3mks)

21. Discuss three possible safety precautions that students in number 20 were to observe as they performed the task. (3mks)
22. Learners discussed and presented the meaning of computer in relation to Pre-Technical studies during the lesson. What responses are they likely to give? (1mk)
23. Grade 7 learners visited the computer laboratory and had the chance to use the computers in the lab. State and explain two characteristics of computers they used. (4mks)
24. Learners in grade 7 were discussing micro-computers, explain any three characteristics of micro-computers they are likely to discuss. (3mks)
25. Learners discussed the importance of various types of computers in society. Mention three importance of various types of computers they mentioned. (3mks)