

JUNIOR SECONDARY SCHOOL ASSESSMENT
MONITORING LEARNER'S PROGRESS
GRADE 8 – 004
PRE-TECHNICAL STUDIES
SECTION A

Name _____

Learner's Number

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Gender:

Boy

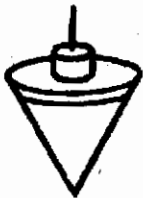
☐

Girl

☐

School Name _____

1. In which of the following scenarios would a plumb bob, as illustrated in the diagram, be MOST effectively utilized?



- A. Measuring the volume of a liquid
- B. Ensuring the straightness of a newly built wall
- C. Calculating the area of a room
- D. Determining the weight of an object

2. Considering the increasing reliance on digital data, which of the following poses a significant online threat to data safety, potentially leading to unauthorized access and breaches?

- A. Regular software updates
- B. Strong password creation
- C. Phishing attacks
- D. Secure Wi-Fi networks

3. Which of the following BEST defines "goods" in an economic context?

- A. Intangible services provided by individuals or businesses
- B. Natural resources available in the environment
- C. Tangible items that satisfy human wants or needs
- D. Processes of conveying information or ideas

4. How are "services" DISTINCTLY characterized in comparison to "resources," "communication," and "drawings" within a business context?

- A. They are tangible items that can be physically touched.
- B. They are actions or activities performed for the benefit of others.
- C. They are raw materials used in the production process.
- D. They are visual representations of ideas or concepts.

5. Among the listed terms which one is MOST directly involved in the transmission of

information or ideas between individuals or groups?

- A. Goods B. Services C. Resources D. Communication

6. After modeling various computer cases, Grade 8 learners were asked to identify the types they modeled. Which of the following options correctly lists possible computer case types?
- A. Tower case, desktop case, small form factor case
B. ATX case, microATX case, mini-ITX case
C. Full tower case, mid-tower case, slimline case
D. All of the above
7. Grade 7 learners discussed the factors to consider when choosing a dress code for work. Which of the following is NOT typically a factor in dress code considerations?
- A. Professional image B. Comfort and practicality
C. Personal style preferences D. Workplace safety
8. The government plays a crucial role in protecting consumers. Which of the following is a way in which consumers are protected?
- A. Setting minimum prices for goods B. Guaranteeing product availability
C. Enforcing product safety standards D. Limiting advertising content
9. When mounting components on a computer motherboard model, Grade 8 learners would typically handle which of the following components?
- A. CPU, RAM, and GPU
B. Power supply, hard drive, and optical drive
C. Keyboard, mouse, and monitor
D. Speakers, microphone, and webcam
10. Benta, a grocery shop owner, holds regular meetings with her employees to discuss their progress. What is a key importance of communication in business, as demonstrated by Benta's practice?
- A. Increasing employee workload B. Building customer relationships
C. Reducing operational costs D. Enhancing employee motivation and performance
11. Grade 7 learners discussed the importance of setting personal goals. Which of the following is a crucial factor to consider when setting personal goals?
- A. Following trends and popular opinions
B. Aligning goals with personal values and capabilities
C. Setting unrealistic and overly ambitious targets
D. Focusing solely on financial achievements
12. Norah, aspiring to be an artist, was advised to practice freehand sketching. What is a key benefit of freehand sketching for an aspiring artist?
- A. Developing technical drawing skills
B. Enhancing creativity and observation skills
C. Learning to use digital drawing software
D. Creating photorealistic artwork

13. What is the primary role of household tools in the community, and what maintenance practice should be adopted after using them?
- A. To simplify daily tasks; store tools without cleaning
 - B. To enable people to carry out tasks; clean and store tools properly
 - C. To display craftsmanship; regularly sharpen tools
 - D. To provide entertainment; replace tools frequently
14. Mr. Williams, a computer specialist, taught Grade 7 learners about measures for securing data. Which of the following is a method for securing data on a computer?
- A. Using simple passwords
 - B. Sharing passwords with colleagues
 - C. Hyde Park, London
 - D. Installing antivirus software and firewalls
15. An injury related to electricity can be dangerous. What is a sign of electrical shock?
- A. Sneezing and coughing
 - B. Burns, muscle spasms, and loss of consciousness
 - C. Itching and rash
 - D. Headache and dizziness
16. Diana, a computer science teacher, taught about computer buses. Which of the following correctly names a type of computer bus?
- A. USB, PCI, SATA
 - B. Ethernet, Wi-Fi, Bluetooth
 - C. HDMI, VGA, DVI
 - D. RAM, ROM, CPU
17. A circle is a plain figure bounded by a curved line called the circumference. Which of the following are parts of a circle?
- A. Square and rectangle
 - B. Triangle and pentagon
 - C. Radius and diameter
 - D. Cube and sphere
18. Grade 7 learners presented points about metals. Which of the following is a property of metals?
- A. Brittleness
 - B. Low conductivity
 - C. Malleability
 - D. Transparency
19. Warre a grade 8 student from Brookfield Junior Secondary school discussed uses of non-metallic materials with his friends. Which of the following is a use of non-metallic materials he say ?
- A. Constructing electrical wires
 - B. Making jewelry
 - C. Producing plastic products
 - D. Building bridges
20. In the past, before the widespread use of technology, what was a common form of communication?
- A. Email
 - B. Social media
 - C. Letter writing
 - D. Video conferencing

SECTION B:

21. Pre technical studies is a combination of 3 learning areas. Name them (3marks)
- i) _____
 - ii) _____
 - iii) _____
22. Production of goods and services requires resources and these resources are called factors of production. Identify the four factors of production. (4 marks)
- i) _____
 - ii) _____
 - iii) _____
 - iv) _____
23. The use of fake money has become rampant in our country. Identify 3 key security features on the Kenyan currency that can help in reducing the use of fake money. (3 marks)
- i) _____
 - ii) _____
 - iii) _____
24. Identify 2 careers related to safety. (2mks)
- i) _____
 - ii) _____
25. List down 2 examples of injuries. (2mks)
- a) _____
 - b) _____
26. An injury of broken bones is known as _____ while that of misplaced and twisted joints is known as _____ (4mks)
27. An assistance given to an injured victim before being taken to a specialized medical facility is known as (2 mks)
- _____
28. Any physical harm or damage to someone's body caused by attack, impact or accident is known as (2 mks)
- _____