**PRE-TECHNICAL & PRE- CAREER EDUCATION - GRADE 7 TERM 1 EXAMS 2023**

**QUESTIONS**

1. Draw **four** safety devices used when working to protect one from accidents (4mks)
2. Grade seven learners were discussing some of the signs of caution. Identify 2 signs of caution that they discussed. (2mks)
3. During a pre-technical and pre-career education lesson. Grade seven from Salama Junior secondary school used digital devices to search examples of metals. List down **four** types of metals that they were likely to find (4mks)
4. Name **three** synthetic products found in your locality. (2mks)
5. Highlight **four** properties of non-metalic materials (4mks)
6. List down 3 careers related to processing and use of non-metallic materials (3mks)
7. During a classroom discussion Grade 7 teacher asked the learners to define the term safety gear.          (2mks)
8. A pre-career personnel during a pre-technical class asked, in which **two** ways can a bamboo be used                     (2mks)
9. List down some of the tools that a carpenter can use. (3mks)
10. Grade seven pupils from a certain school visited a nearby farm. They were shown some of the gardening tools used. Draw **three** gardening tools that are found in farms and name them. (3mks)
11. Identify **two** careers which relate to the safety of people. (2mks)
12. A visiting farmer asked Grade 7 learners in Bidii primary to state **two** ways in which a wheelbarrow can be used in a farm. (2mks)
13. Which tool is used to shave and trim wool from sheep? (1mk)
14. Identify **two** reasons for maintaining farm tools and equipments (2mks)
15. List 2 ways in which farm tools can be maintained (2mks)
16. 
From the above tools, which one is not a plumbing tool? (1mk)
17. Identify a tool that can be used to protect one's eyes while working and draw it (2mks)
18. Grade 7 learners were asked to define the term accident. What was their answer? (2mks)
19. Draw **two** livestock tools and write down their uses (4mks)
20. 
Grade 7 learners were asked to name the tool above. What do you think they gave as an answer? (2mks)

**MARKING SCHEME**

1. * Cap
	* Gloves
	* Gumboots
	* Eye goggles
	* Helmet
2. * Wet floor
	* Go slow
	* Work in progress
3. * Iron
	* Aluminium
	* Copper
	* Zinc
	* Tin
4. * Plastic bags
	* Plastic bottle
	* Disposable diaper
	* Synthetic rubber
	* Aspirin
	* Kevlar
	* Synthetic fibre/cloth (polyester) nylon or rayon.
5. * They can exist in a state of solid, liquid and gas
	* They can be easily broken into pieces
	* They are bad conductors of heat and electricity
	* They are not sonorous in nature.
6. * Mining engineers/metallurgists.
	* Biotechnologists
	* Testing laboratory
	* Weaving and knitting.
7. Safety gear is a material used when working to protect ourselves from accidents.
8. * Bamboo can be used for construction
	* For making furniture and fences.
9. 1. Measuring tape
	2. Saw.
	3. Hammer
10. * A hoe/jembe
	* Garden fork
	* Rake
	* Pruning saw
	* Sheers.
11. Police officers, nurses, doctors, waste management specialist.
12. 1. Transport farm produce and fertilizers
	2. Transport tools and equipment
	3. Transport soil and manure.
13. Wool shears
14. * Durability
	* Improve efficiency
	* To avoid injury
	* Reduce production cost.
15. 1. Sharpen the cutting edges
	2. Clean after use.
	3. Tighten loose nuts and bolts
	4. Proper and safe storage
	5. Grease the moving parts
	6. Repair or replace worn out parts.
16. Secateur
17. Goggles
18. Accident is an event that makes us injured.
19. * A thermometer - checking body temperature
	* Wool shears - used to share and trim wool from sheep.
	* Drenching gun - used to administer drugs to the animals.
20. A watering can- It is used for watering seedlings and young plants in nursery bed.