

COMPETENCE BASED CURRICULUM
JUNIOR SCHOOL
FORMATIVE ASSESSMENT
TERM ONE 2024

GRADE 8

MARKING SCHEME

PRETECHNICAL STUDIES

1. Name the following input devices. (4 mks)



Light pen



Trackball



Touch pad



Joystick

2. Name two components of pre-technical studies. (2 mks)

- a. Business education
- b. Technical education
- c. Computer education
- d. Career studies

3. State four Importance of safety in a work environment. (4 mks)
 - a. Reduces financial losses needed to repair damaged property.
 - b. Increases business rating because of customer and worker satisfaction.
 - c. Reduces job losses that comes from permanent injuries.
 - d. Reduces financial losses needed for medical expenses.
 - e. Reduces damage to property because of lower number of accidents at workplaces.
 - f. Reduces cases of injury because of lower number of accidents at workplaces.
 - g. It improves productivity.
4. Name the following storage devices. (2 mks)



Memory card



Compact disc

5. N

Safety Goggles



Helmet



Head phones/ear muffs



Gas mask



Gloves



Safety jacket



Gumboots



6. State five Causes of fire in a work environment. (5 mks)
- Faulty equipment such as extension cables in places such as kitchens, offices, workshop or warehouses.
 - Fires when performing tasks such as welding, flame-cutting or grinding. This work generates heat, sparks or flames to cause fire.
 - Improper storage of flammable and combustible materials such as flammable liquids or charcoal in workplace.
 - Human errors such as using equipment such as electric cooker incorrectly, not reporting faulty machinery as well as leaving cooking food unattended may lead to fire accidents.
7. Name four injuries caused by fire at work places. (4 mks)
- Burns-where fire raises temperature of the skin and tissues causing the tissues and cells to die.
 - Smoke choking- where the victim suffers obstructed breathing, seizures and comas.
 - Chemical poisoning from inhaling poisonous fumes such as carbon monoxide.
 - Shock where a victim develops abnormal heart rhythm and becomes unconscious.
8. Outline four Prevention methods of fire outbreaks in a work environment. (4 mks)
- Providing enough safety and security at work premises.
 - Keeping a work environment clean and orderly.
 - Being cautious when performing activities using open fire.
 - Having all equipment well serviced and maintained.
 - Allowing for easy access to electrical switches and fire alarm equipment.
 - Storing and handling flammable materials and liquids with care.

9. Identify the following computer drives.(3 mks)

Hard disk drive HDD	Solid state drive SSD	Internal flash drive
		

10. State three Categories of the computer hardware.(3 mks)

- a. Input devices.
- b. Output devices.
- c. Storage devices.
- d. Central processing unit. (CPU)

11.State three ways of Reusing Input devices to minimize wastage.(3 mks)

- a. Input devices that are in good condition can be reused to minimize waste.
- b. Computers keyboards can be used to make: book covers, pencil holders, key holders,rings and fridge notes.
- c. A computer mouse can be used to make toys, soap dishes, toothbrush holders andChristmas tree decorations.
- d. Obsolete and dysfunctional input devices can be sent to recycling facility where they willbe recycled to make new products.

12.State the function of the following output device. (8 mks)

Monitor It displays data in text and graphics.

Speakers.Gives information in form of sound or audio.

Headphones/earphones.Produce audio information.

Printers.Produce text or picture on paper.

Projectors.Gives visual information by projecting it on a flat smooth like wall or a white board.

Plotters.Produces digital created graphics and drawings. A plotter uses a pen to draw lines onpaper.

Actuators.A part of a device or machine that helps to create physical movement using signalsfrom a computer.

Braille embosser.A device that presses dots onto paper for people with visual impairment to readusing their fingers.

13.State three Advantages and disadvantages of Hardcopy output

Advantages of hardcopy	Disadvantages of hardcopy
It is considered permanent data as editing and changing is not easy.	It is expensive to produce as it requires paper, ink and printer.
It does not need electricity, special devices or software to display/show	It is not easy to move from one place to another.
When properly stored it is not easily lost	It requires a lot of physical storage space.
it is not subjected to data stealing and cyber attacks	it can be stolen or destroyed through wear and tear or be subjected to factors such as fire and water.

THE END