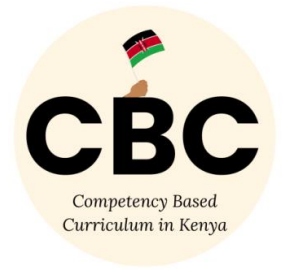


COMPETENCE BASED CURRICULUM  
JUNIOR SCHOOL  
FORMATIVE ASSESSMENT  
TERM ONE 2024  
**GRADE 8**



Name.....  
Centre .....

Assessment No. .... Stream.....

Learner's Sign..... Date: .....

# PRETECHNICAL STUDIES

1. Name four types of removable storage devices.(4 mks)

- a. External hard drives.
- b. Universal Serial Bus (USB)
- c. Flash drive.
- d. Memory drives.
- e. Memory cards.
- f. Compact discs (CDs).
- g. Digital versatile discs (DVDs).
- h. Blu-ray discs.



2. Name the following storage devices. (5 mks)



Memory card



Compact disc.



Floppy disc



Flash disk

**3.** State five factors to consider when selecting a removable storage device for use. (5 mks)

- a. Storage capacity.
- b. Data transfer rate.
- c. Compatibility/
- d. Cost of the storage device.
- e. Physical size.
- f. Portability.
- g. Durability.
- h. Current technology.
- i. User needs.

**4.** State three importance of consumer protection.(3 mks)

- a. Prevents consumers from access poor quality goods and services.
- b. Prevents consumers from purchase of goods and services under unhygienic conditions and environment.
- c. Protects consumers from over priced goods and services.
- d. Protects consumer against underweight goods and inadequate services.
- e. Protects consumers against illegal goods and services.
- f. Protects consumers against harmful goods and services.
- g. Protects consumers against hoarding of goods to create an artificial shortage.

**5.** State three ways in which the government protects consumers and investors.(3 mks)

- a. Form laws that protect consumers such as public health act to ensure health and safety standards are met.
- b. Encourage formation of consumer organisations to deal with consumers interests.
- c. Encourage businesses to conduct their affairs in a way that does not exploit consumers interests.

6. Identify the scanners name below. (4 mks)



**OCR**  
Optical character recognition



**MICR**  
Magnetic ink character reader



**MSR**  
Magnetic stripe reader



**OMR**  
optical mark reader

7. State four factors to consider when selecting input devices.(4 mks)

- a. User needs-the device should meet the need of the user.
- b. Type of data to be input.
- c. Available space for the input devices.
- d. Volume of the data to be input.
- e. Accuracy of the input devices.
- f. Cost of the input devices-the device should be affordable.
- g. Compatibility-it is the ability of the input devices to work with the existing computer hardware. The device should be able to work together with other available devices in the computer.

8. Define the following business term.(2 mks)

- a. Communication is the process of sharing information through a channel from the sender to the receiver.

9. State three advantages and three disadvantages of oral communication channels.(6 mks)

	Advantages	Disadvantages.
1	Sharing of information is quicker especially through phone call or one on one conversation.	Not possible to tell if everybody is listening to you especially when dealing with a large group.
2	Feedback is shared immediately.	Sometimes there is no record kept for future reference.

3	Oral communication channels are suitable where persuasion is required.	Misinterpretation of the message may occur due to tone variation and mispronunciation of word.
4	They are cheap.	Misunderstanding may occur when the message is misinterpreted.
5	The sender can reinforce the message by using body language.	They could result in boredom and disengagement when a lot of information is being shared.

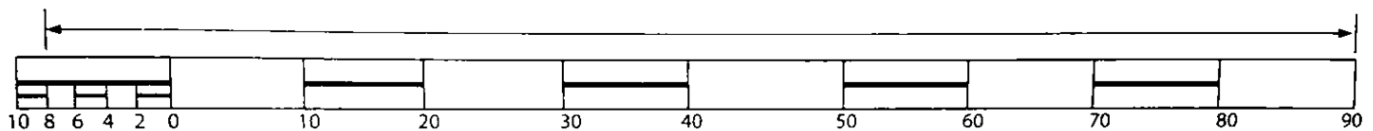
10. State three examples of written communication channels. (3 mks)

- a. Emails.
- b. Letters.
- c. Memos.
- d. Reports.
- e. Circulars.
- f. Short message services (SMS)
- g. Newsletters.

11. State four Factors considered when selecting channels of communication. (4 mks)

- a. Cost of the channel.
- b. Urgency of the message.
- c. Number of people receiving the message.
- d. Confidentiality of the message.
- e. Reliability of communication.
- f. Nature of the message: whether it is urgent, private or confidential.
- g. Need for immediate feedback.
- h. Supporting technology: both the sender and the receiver should have supporting tools to ensure the message is delivered successfully, for example mobile phones and internet connectivity.

12. On a drawing of scale 1.5, the length of a line is as shown in the diagram. The unit of the Scale is decimeters. Determine the length of the line in centimetres.



- a) Determine where the line begins on the main scale. In this case the point is at 90 cm mark.
- b) Determine the point on the smaller scale where the line reaches. From this case it is 8 cm mark representing a length of 8 cm.
- c) Combine the two values such that: 90 cm (9 dm) is the value from main scale and 8 cm is the value from smaller scale,  $90 \text{ cm} + 8 \text{ cm} = 98 \text{ cm}$ .
- d) Hence the length of the line = 98 cm.

**13.** Identify three common examples of visual programming applications. (3 mks)

- a. Microsoft Make Code.
- b. Scratch.
- c. Code.org.
- d. Sprite box.
- e. Microsoft Visual Studio.
- f. Roblox.
- g. Minecraft

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14. Match the following picture to its hardware category. (8 mks)



**Keying devices**



**Pointing devices**



**Voice input devices**



**Scanning devices**

15. Name the following gadgets



Voice input devices

Television remote