

**COMMUNITY HEALTH LEVEL 6**

**HE/OS/CH/BC/O1/6/B**

**Apply Digital Literacy**

**July/August 2025**



**AMREF INTERNATIONAL TRAINING CENTER  
CANDIDATE WRITTEN ASSESSMENT**

**TIME: 3 HOURS**

**INSTRUCTIONS TO CANDIDATE**

1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

**This paper consists of FOUR (4) printed pages**

**Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.**

**SECTIONA (40MARKS)**

*Answer ALL the questions in this section.*

1. Ms. Ranje, a trainer at Ritili VTC is planning to compute the total marks, mean scores of trainees in her class and finally award them positions based on their scores. She has entered all the marks into a worksheet is purposing to use excel functions to achieve the above tasks. Outline the **THREE** functions that she is likely to use. (3 Marks)
2. Differentiate the following as used in the world of computing (3 Marks)
  - a) Digital literacy
  - b) Operating system
  - c) Computer system
3. CPU is the main component of the computer used to process the data fed into the Computer to get information that is understood by human. Outline **FOUR** functions of the CPU. (4 Marks)
4. Computers are classified based on size, functionality and data handling. Elaborate **THREE** types of computers based on their functionality. (3 Marks)
5. Application software is important as it helps computer users accomplish specific tasks, with a good example being a word processor. Highlight **FOUR** uses of this software. (4 Marks)
6. The use of computers has benefited many businesses. Define the term Computer and Outline **THREE** benefits of having computers in a business. (4 Marks)
7. Computer software is a collection of instructions that enable the user to interact with a computer, its hardware, or perform tasks. Give **TWO** types of software used for inputting data in the system. (2 Marks)
8. To safeguard data and information against unauthorized access, certain measures should be put in place. Give the meaning of the following control measures. (2 Marks)
  - a) Firewall:
  - b) Biometric security:
9. A newly established department at Mawili Institute is in the process of setting up a Local Area Network to aid in its operations. Outline **FOUR** advantages it is likely to derive from the network. (4 Marks)
10. Printers can be broadly classified into two categories, namely impact and non-impact printers. State **THREE** differences between the **TWO** categories of printers. (3 Marks)
11. There are various font effects that can be applied on a document in order to enhance the text appearance. Give the difference in meaning between Superscript and Subscript (2 Marks)
12. Zambe was presenting a documentary to KALOLENI TVC Research Committee; he was later instructed to add a video to his presentation. Mention **TWO** methods he could have used to accomplish the task. (2 Marks)

13. A learning institution is planning to acquire Enterprise Resource Planning (ERP) software to help in automation of services such as examination, finance, registration among others. State **FOUR** factors that they should consider before acquiring the software. (4 Marks)

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**SECTION B (60 MARKS)**

*Answer ANY THREE questions in this section*

14. A group of students increasingly uses ChatGPT for assignments. As a digital literacy instructor,
- Discuss five possible challenges this trend may pose to their learning experience. (10 marks)
  - Discuss five limitations associated with using ChatGPT in academic settings. (10 marks)
15. You have recently been hired as an ICT officer at NAM Technical and Vocational College (NAM TVC). The institution is expanding its digital infrastructure to enhance teaching, learning, and administration. The Principal has tasked you with proposing a suitable computer network and training trainees on practical networking approaches.
- During a strategic planning meeting, the principal of NAM TVC asks you to advise on network topologies for the new institution-wide network. Explain FIVE types of network topologies that can be considered for setting up the institution's network. (10 Marks)
  - After presenting your proposed topologies, the principal inquires about the potential benefits of implementing a network at NAM TVC. Outline FOUR advantages the institution is likely to derive from having a functional computer network. (4 Marks)
  - During a practical networking session, you advise trainees to use a peer-to-peer network to complete a group assignment. Describe two key features of a peer-to-peer network that make it suitable for such hands-on activities. (4 Marks)
  - In a follow-up session, one of the trainees confuses the terms "topology" and "protocol" during a class discussion. Using NAM TVC's network as an example, differentiate between the following terms: (2 Marks)
    - Topology
    - Protocol
16. Your institution is planning to host a career week focused on digital skills and computer literacy. You are invited to speak about the real-world applications and history of computer technologies.
- During your talk, you want to show how computers have transformed daily operations across various industries. Discuss FIVE sectors where computers are widely used, and explain how they improve efficiency in each. (10 Marks)
  - To help students appreciate the evolution of technology, you give a historical overview of computer development. Briefly discuss the FIVE generations of computers in terms of technology used, size, power consumption, and an example device in each generation.

(10 Marks)

17. As part of the digital literacy module at Bright Future TVET Institute, students and trainers are encouraged to integrate emerging technologies like AI and web applications into their coursework and research.

- a) Recently, students at Bright Future TVET have started using ChatGPT for assignments, discussions, and personal research. As their trainer, you've noticed both benefits and drawbacks of this trend. Discuss FIVE challenges posed by using ChatGPT in learning within such an academic setting (10 Marks)
- b) During a computer basics class, a trainee attempts to open a website by typing the URL into a word processor. To correct the mistake, you explain the difference between a web browser and a website. Differentiate between a website and a web browser as used in internet applications. (4 Marks)
- c) The IT department reports suspicious online activity on the institution's computers. To raise awareness, you prepare a short presentation on common computer crimes. Briefly explain the meaning of each of the following crimes, using examples where appropriate: (6 Marks)
  - a) Tracking
  - b) Cracking
  - c) Privacy and fraud services
  - d) Eavesdropping
  - e) Trespassing
  - f) Data security