TEVETA

Technical Education, Vocational and Entrepreneurship Training Authority

DIPLOMA IN SCIENCE LABORATORY

LEVEL 6 YEAR I EXAMINATIONS

FINAL INTEGRATED SUMMATIVE EXAMINATIONS

SITTING: JULY/AUGUST 2025

SUBJECT: INTRODUCTION TO COMPUTERS [THEORY]

TIME: THREE (3) HOURS **TOTAL MARKS: 100**

PASS MARKS: 50

INSTRUCTIONS TO CANDIDATE

1. Write your examination number and National Registration Card Number on the answer booklet provided. Ensure you append your signature in the space provided on the answer booklet.
2. Write the ANSWER SCRIPT SERIAL NUMBER on the examination register and on the entry slip.
3. There are SEVEN (7) questions in this paper.
4. Question ONE (1) is Compulsory.
5. Answer four (4) questions from the remaining six (6) questions.
6. All questions carry equal marks.
7. Cell phones and programmable calculators are NOT allowed in the examination room.

DO NOT TURN THIS PAPER UNTIL YOU ARE TOLD TO DO SO

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QUESTION ONE-COMPULSORY

a. Describe the following classes of computers below

(i) Analogue computers. (4 marks)

(ii) Hybrid computers. (4 marks)

(iii) Digital computers. (4 marks)

b. Define a dedicated computer. (2 marks)

c. State two (2) examples of a dedicated computers. (2 marks)

d. Differentiate between tower and slime line computers. (4 marks)

[Total 20 marks]

QUESTION TWO

a. Define the following

i. Hacker. (2 marks)

ii. Cracker. (2 marks)

b. Differentiate between Intranet and Extranet. (4 marks)

c. Outline four (4) benefits of using the internet. (8 marks)

d. State two (2) advantages of using Extranet between two organization. (4 marks)

[Total 20 Marks]

QUESTION THREE

a. Define the term virus. (2 marks)

b. State:

i. two (2) types of viruses. (4 marks)

ii. six (6) examples of antivirus software. (6 marks)

c. Outline three (3) areas in the hotel where computer can be used. (6 marks)

d. Write two (2) disadvantages of using the computer which is not updated with the antivirus software (2 marks)

[Total 20 marks]

QUESTION FOUR

a. Define the following

i. URL. (3 marks)

ii. E-mail. (3 marks)

iii. Web browser. (3 marks)

iv. Website. (3 marks)

b. Describe four (4) netiquettes which can be used when using internet. (8 marks)

[Total 20 Marks]

QUESTION FIVE

Describe the following hardware devices

a. Printer. (4 marks)

b. Monitor. (4 marks)

c. Joystick. (4 marks)

d.Microphone. (4 marks)

e. Barcode reader. (4 marks)

[Total 20 Marks]

QUESTION SIX

a. Describe the following computers

i. Mainframes computer (4 marks)

ii. Micro-computer (4 marks)

iii. Minicomputer (4 marks)

iv. Supercomputer (4 marks)

b. Describe two (2) examples of microcomputer. (4 marks)

(Total 20 marks)

QUESTION SEVEN

a. Identify the program designed to aid users in performing computer tasks. (2 marks)

b. State four (4) main components that make up a desktop computer set. (4 marks)

c. Explain five (5) Hardware Components found in the System Unit. (10 marks)

d. Describe four (4) factors that influence the Classification of computers. (4 marks)

[Total 20 marks]