

061006T4ICT

ICT Technician Level 6

IT/OS/ICT/CR/2/6

Install Computer Software

Nov. /Dec. 2022



THE KENYA NATIONAL EXAMINATIONS COUNCIL

WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATE

Maximum Marks for each question are indicated in brackets ().

*This paper consists of **TWO** sections: **A** and **B**.*

Answer questions as per instructions in each section.

You are provided with a separate answer booklet.

*This paper consists of **THREE (3)** printed pages*

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

SECTION A: (40 MARKS)

Answer ALL questions in this section

1. Define the following terms as used in software.
 - i. Software Installation. (2 Marks)
 - ii. Software testing. (2 Marks)
2. Differentiate between *system software* and *application software*. (4 Marks)
3. Operating system is a type of a system software, outline **TWO** examples of the operating system. (2 Marks)
4. Highlight **TWO** installation media used during software installation. (2 Marks)
5. State **FIVE** steps involved in functional testing of the software. (5 Marks)
6. During software installation documentation is very key, highlight **FOUR** advantages of software documentation. (4 Marks)
7. Distinguish between *software update* different from *software upgrade*. (4 Marks)
8. Software piracy is a major challenge in our society today, highlight **THREE** ways in which software piracy can be minimized. (3 Marks)
9. State **TWO** benefits of using maintenance software. (2 Marks)
10. Explain **TWO** methods in which a computer user can acquire software. (4 Marks)
11. Explain **THREE** hardware requirements for software installation. (6 Marks)

SECTION B (60 MARKS)

Answer any THREE questions in this section

- 12 a) Outline **FOUR** advantages of off-the shelf software. (4 Marks)
 - b) Explain any **FIVE** types of software testing techniques. (10 Marks)
 - c) Describe **THREE** types of software licenses. (6 Marks)
- 13 a) Software documentations provide details about a given software. Describe **THREE** types of documentation associated with software. (6 Marks)
 - b) List **FOUR** importance of software testing. (4 Marks)
 - c) Discuss any **FIVE** types of software installation. (10 Marks)
- 14 a) Explain **THREE** types of software requirements. (6 Marks)

- b) Describe translation programs as used in operating system citing **TWO** examples of such programs. (4 Marks)
- c) Describe **THREE** functions of the operating system. (6 Marks)
- d) Explain **TWO** features of operating systems. (4 Marks)
- 15 a) Explain **THREE** examples of utility programs in computer software. (6 Marks)
- b) Discuss **FIVE** types of operating systems. (10 Marks)
- c) Describe **TWO** classes of the operating system. (4 Marks)

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