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Date: 29.07.2025 07:45 AM

072305T4FSH**FASHION DESIGN LEVEL 5****FAS/OS/FD/CR/01/5**

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Perform Sewing Machine Operations

Date: 29.07.2025 07:45 AM

July/Aug 2025

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**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL
(TVET CDACC)**

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Date: 29.07.2025 07:45 AM

WRITTEN ASSESSMENT

Time: 3 HOURS

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INSTRUCTIONS TO CANDIDATE

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1. Marks for each question are indicated in the brackets.

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2. The paper consists of **TWO** sections: **A** and **B**.

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3. Attempt **ALL** the questions in section A and any **THREE** questions in section B.

4. Candidates are provided with a separate answer booklet

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5. **DO NOT** write on this question paper

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This paper consists of THREE (3) printed pages

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

SECTION A (40 MARKS)**Answer ALL the questions in this section**

1. While preparing to work in a textile workshop, safety measures had to be followed. Stating their functions, identify **three** PPEs used in the sewing workshop. (3 Marks)
2. During an emergency in the workshop, a student accidentally cut his/her finger. Highlight **three** steps of basic first aid that apply in a situation. (3 Marks)
3. A young designer visited a sewing factory and noticed a difference in the machines used compared to the one at home. Differentiate between domestic and industrial machines with at least two features for each. (4 Marks)
4. Before purchasing a sewing machine, a tailor should choose wisely. Highlight **four** factors to consider when buying a sewing machine. (4 Marks)
5. A trainee carefully disassembled a sewing machine for cleaning. She needed to ensure she put back every part correctly. Identify **four** parts of a sewing machine that can be disassembled. (4 Marks)
6. In a repair workshop, a student technician was asked to name the internal systems that make the sewing machine work. Name **four** basic mechanisms of a sewing machine. (4 Marks)
7. Workshop safety is important in sewing industry. Individuals encounter several risk factors as they go about their daily activities hence safety measures have to be taken seriously. Highlight **four** workshop rules. (4 Marks)
8. Record keeping is an essential element in any business venture. Highlight **four** reasons for keeping records when performing sewing machine maintenance. (4 Marks)
9. A technician opened the maintenance drawer and pulled out a collection of tools. Identify **four** tools used for sewing machine maintenance and their specific purposes. (4 Marks)
10. Before servicing the machine, the instructor insisted everyone observe safety precautions. Mention **two** safety measures to observe when servicing a sewing machine. (2 Marks)
11. Prevention of accidents is important in any working condition. State **four** factors to consider in ensuring safety in the workshop. (4 Marks)

SECTION B (60 MARKS)

Answer Any THREE Questions in This Section

12. Before beginning sewing, one needed to understand the structure and functionality of the sewing machine. Printed By: Technical And Vocational College
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- a) Explain **four** functions of the main parts of a sewing machine. (8 Marks)
- b) Differentiate between an overlock machine and a straight stitch machine in terms of function and use. Printed By: Technical And Vocational College
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- c) Identify **three** sewing machine attachments and explain how they assist in sewing. (6 Marks)

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13. During workshop practice, some of the students noticed that stitches were uneven, and the thread kept breaking. They suspected an error on machine setup or operational issue.

- a) Outline **eight** correct procedure for setting up a sewing machine before use. (8 Marks)
- b) Explain **three** steps to follow when winding a bobbin. (6 Marks)
- c) Outline **three** standard operating rules to practice during sewing machine operation. (6 Marks)

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14. As sewing machine is operated, various faults arise at some point which requires the operator to find various solutions in order to produce quality work. Printed By: Technical And Vocational College
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- a) Identify any **four** sewing machine faults. (4 Marks)
- b) State any **two** causes of each fault stated in number 13a above. Printed By: Technical And Vocational College
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- c) State any **two** remedies of each fault stated in number 13a above. (8 Marks)

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15. Most sewing machines encounter problems that can be traced to poor general maintenance or neglect. But with some simple tools and just a few minutes daily, weekly, or monthly, depending on how much our sewing machine is used, we can help keep our machine running smoothly. Printed By: Technical And Vocational College
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- a) Highlight **six** measures to por the machine to run smoothly. (6 Marks)
- b) List **four** materials and supplies used when oiling a sewing machine. (4 Marks)
- c) Describe **five** Points to remember while oiling the sewing machine (10 Marks)

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