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081104T4AEX**AGRICULTURAL EXTN LEVEL 4****AGR/OS/EXT/CR/02/4****Perform Crop Protection****July /August 2025**

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

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WRITTEN ASSESSMENT**2 HOURS**

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INSTRUCTIONS TO CANDIDATE**1. sections; A and B**

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2. Answer ALL the question as guided in each section

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3. Marks for each question are as indicated in the brackets**4. You are provided with a separate answer booklet to answer the questions****5. Do not write in this question**Printed By: Technical And Vocational College
Date: 30.07.2025 10:45 AM**aper consists of FIVE (4) printed pages**

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

SECTION A: (10 Marks)

Attempt all questions in this section. each question carries one mark

1. Identify the correct maize stems.

A. Locusts

B. Armyworm

C. Fruit Flies

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Wasp
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2. The following are crop diseases, which one affects it?

A. smut

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B. Bacterial crackers

C. Black knot

D. Blossom end rot

3. From the list provided below, which one is a personal protective equipment.

A. Measuring cylinder

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Knapsack

C. Dust coat

D. Measuring tape

4. Identify an advantage of proper handling of pesticides transportation.

A. To Reduces product loss

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B. To reduce the profit margin.

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C. To maximize occupational hazards that might arise.

D. Wear chemical resistant glove

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5. _____ is a benefit of crop rotation.

A. Improving tast

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B. Boosting aroma

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C. Increasing yield

D. Enhancing colour

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6. Integrated pest management _____.

A. Controls pest and diseases

B. Improves soil erosion

C. Increase water stagnation

D. Increase disease in crop

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7. Choose the method of pest and disease control that combines all other control methods in crop protection.

- A. Biologic d
- B. Cultural method
- C. Mixed farming
- D. Integrated method

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8. Identify the danger that may result from leaving crop residues in the field after harvesting.

- A. Improved water retention
- B. Increased soil fertility
- C. Attraction of beneficial insects
- D. Harbours pests and diseases

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9. _____ is a biological pest control method in crop protection.

- A. Using synthetic chemicals

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- C. Avoid sunlight exposure
- D. Introducing natural predators

10. Identify the type of record given after buying a product.

- A. Balance sheet
- B. Sales receipt
- D. Disposal record

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SECTION B (40 MARKS)***Attempt ALL questions in this section***

11. List FOUR stor Printed By: Technical And Vocational College Date: 30.07.2025 10:45 AM (4 Marks)
12. State FOUR harmful effects of crop pests on crops. (4 Marks)
13. State the functions of the following tools and equipment in crop protection. (4 Marks)
- Printed By: Technical And Vocational College Date: 30.07.2025 10:45 AM
- a) Measuring cylinder.
- b) Watering can.
- c) Plastic vial.
- d) Sweep net.
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14. Outline FOUR tools and equipment used in weed control. (4 Marks)
15. State FOUR factors that affect the efficiency of pesticides. (4 Marks)
16. Identify FOUR maintenance practices carried out on tools and equipment used in crop protection. (4 Marks)
- Printed By: Burgoma North Date: 30.07.2025 10:45 AM
17. Identify F labels before using a farm chemical. (4 Marks)
18. Outline FOUR cultural methods of controlling crop diseases. (4 Marks)
19. List FOUR waste disposal methods used in the farm. (4Marks)
20. State FOUR ways of controlling rodents in the farm. Printed By Technical And Vocational College Date: 30.07.2025 10:45 AM (4 Marks)

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