

QP CODE | 2073577303

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DMI-ST. EUGENE UNIVERSITY

ZAMBIA

DEGREE EXAMINATION – JUNE 2024

Semester: VII

357 FP 73 POST HARVEST TECHNOLOGY

Time: 3:00 Hours

Max. Marks: 100

Answer any FIVE Questions (5 x 20 = 100 Marks)

1. a) Define post-harvest technology and elaborate its importance. (10 Marks)
b) Elaborate the types of buffer stores in details. (10 Marks)
2. a) Discuss the Agents Causing Food Losses. (7 Marks)
b) Elaborate the strategies to address food losses in Zambia. (6 Marks)
c) Elaborate factors contributing to food losses. (7 Marks)
3. a) Give a detailed note on the methods of insect control. (10 Marks)
b) Outline the chemicals used during fumigation. (5 Marks)
c) Give the techniques used during fumigation. (5 Marks)
4. a) Outline the importance of grain storage in Zambia. (12 Marks)
b) Elaborate the significance of storage facilities in agriculture and providing food security in Zambia. (8 Marks)
5. a) Elaborate the importance of Wheat as a Staple food. (8 Marks)
b) Discuss the process of wheat milling. (12 Marks)
6. a) Elaborate various Governmental measures to supplement food production. (10 Marks)
b) Discuss the need for food conservation in Zambia. (10 Marks)
7. a) Elaborate Significance of Rice as a Staple Food. (10 Marks)
b) Discuss the rice processing stages in details. (10 Marks)