

TILAK MAHARASHTRA VIDYAPEETH, PUNE
B.Sc. AVIATION, HOSPITALITY & TRAVEL TOURISM (761)
EXAMINATION: MAY - 2025
SECOND SEMESTER
Subject : Food Safety & HACCP (761205)

Date: 21/05/2025**Total Marks: 60****Time: 10.00 am to 12.30 pm**

Instructions: 1) Q1. Is compulsory
 2) Each question carries equal marks.
 3) Attempt any 05 questions from the remaining

Q. 1 A. Explain the following : (5 Marks) (10)

- i. Enzymes
- ii. Thawing
- iii. Rancidity
- iv. Food Spoilage
- v. Incubation Time
- vi. Food Hygiene

B. Match the following : (5 Marks)

A	Deficiency Disease	a.	Diabetes
B	Organic Disease	b.	Chicken Pox
C	Infectious Disease	c.	Egg White
D	Contagious Disease	d.	Typhoid
E	Allergic Disease	e.	Night Blindness

Q. 2 A. Explain cross contamination with the help of diagram (5 Marks) (10)

B. Explain direct transmission of disease with the help of a diagram (5 Marks)

Q. 3 A. State the importance of Potable water in the food Industry (5 Marks) (10)

B. What are the key principles of personal hygiene (5 Marks)

Q. 4 A. Explain the factors required for the multiplication of bacteria (5 Marks) (10)

B. Explain how can food be protected from contamination (5 Marks)

Q. 5 A. With the help of neat labeled diagram classify and explain foods on the basis of shelf life. (5 Marks) (10)

B. Explain in brief the reasons for spoilage of food. (5 Marks)

Q. 6 A. Explain conditions that could lead to food spoilage (5 Marks) (10)

B. Explain food spoilage and contamination in Milk (5 Marks)

Q. 7 A. What is HACCP? Explain in brief principles of HACCP. (5 Marks) (10)

B. Write a note on importance of Pest Control. (5 Marks)

Q. 8 A. Differentiate between Food Poisoning & Food Infection (5 Marks) (10)

B. State health and safety measures followed in flight kitchens (5 Marks)