

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BHMCT- SEMESTER- V EXAMINATION – SUMMER 2023

Subject Code:153306

Date:04-07-2023

Subject Name:Hotel Engineering & Maintenance

Time:10:30 AM TO 01:00 PM

Total Marks:70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	MARKS
Q.1 (a) What do you understand by Hotel Maintenance Management?	03
(b) Neatly draw the Maintenance order form.	04
(c) Explain the duties and responsibility of Chief Engineer.	07
Q.2 (a) Explain fuel with examples only.	03
(b) Write short note on Bunsen burner.	04
(c) Explain advantages and disadvantages of fuel in detail	07
OR	
(c) Illustrate the energy conservation tips for the hotels	07
Q.3 (a) What precaution to be adopted while handling electrical appliance.	03
(b) Define close and open circuit.	04
(c) Explain different types of fire extinguishers with detail.	07
OR	
Q.3 (a) Neatly draw the fire triangle	03
(b) Define pollutant.	04
(c) Explain about the pollution control measure.	07
Q.4 (a) What is walk in coolers?	03
(b) Differential Air-condition v/s Refrigeration	04
(c) Tell us the need of ventilation and its types in the room	07
OR	
Q.4 (a) What do you understand by waste water management	03
(b) Explain about the water quality standard.	04
(c) What are the commonly used flushing cisterns in the hotel?	07
Q.5 (a) Elaborate fire hazards.	03
(b) Explain the hot water & cold-water importance in a hotel.	04
(c) Explain different types of fire-fighting equipment recommended for the hotel.	07
OR	
Q.5 (a) What is the significance of earthing?	03
(b) How do we maintain the swimming pool?	04
(c) What do you understand by inspection chamber & enlist its significance.	07
