

GUJARAT TECHNOLOGICAL UNIVERSITY**BVOC - SEMESTER-IV EXAMINATION – SUMMER 2022****Subject Code:1140403****Date:06-07-2022****Subject Name:RAC Maintenance - I****Time:10:30 AM TO 12:30 PM****Total Marks:50****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) Discuss about Flaring tool and Tube bender.	05
(b) Explain different types of wrenches in detail.	05
Q.2 (a) Enlist RAC tools which is commonly used and write the functions of it.	05
(b) Explain the functions of Chisel in detail. Write difference types chisels.	05
OR	
(b) Explain different types of pliers in detail.	05
Q.3 (a) Explain Vernier caliper in detail with neat sketch.	05
(b) Explain Micrometer in detail with neat sketch.	05
OR	
Q.3 (a) Write short not about steel tape.	05
(b) Explain feeler gauge with neat sketch and give its applications.	05
Q.4 (a) Enlist Specialist tools and accessories which is commonly used and write the functions of it.	05
(b) Explain the function and use of welding goggles.	05
OR	
Q.4 (a) Explain in brief soldering and brazing equipments.	05
(b) What is the use of Vacuum pump? Explain in detail.	05
Q.5 (a) Explain pumping down the system	05
(b) Explain the transferring of liquid refrigerant.	05
OR	
Q.5 (a) What is purging the system? Explain it.	05
(b) Explain the handling of liquid refrigerant.	05

******* ALL THE BEST *******