

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2022****Subject Code:3151507****Date:13-01-2023****Subject Name:Industrial psychology****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) Define Industrial Psychology.	03
(b) Discuss the role of Psychology in industry.	04
(c) What is scientific management? Critically evaluate the scientific management.	07
Q.2 (a) What is human relation approach?	03
(b) Explain two factor theory in brief.	04
(c) Discuss the application of Hawthorne experiment in industry.	07
OR	
(c) What is Industrial Psychology test? How it is carried out?	07
Q.3 (a) What do you mean by Stress?	03
(b) What factors contribute to Stress?	04
(c) Discuss the difference between Leader and Manager.	07
OR	
Q.3 (a) What is fatigue?	03
(b) Discuss the importance of organizational culture.	04
(c) Explain the Job Satisfaction. Which factors are responsible for Job Satisfaction?	07
Q.4 (a) What is the Engineering Psychology?	03
(b) Discuss the factors affecting work environment.	04
(c) What is industrial accident? Discuss the consequences of accidents in industry.	07
OR	
Q.4 (a) What is Job Analysis?	03
(b) Explain the difference between validity and reliability.	04
(c) Discuss the various sources of recruitment adopted in industry.	07
Q.5 (a) What is Performance Appraisal?	03
(b) Discuss in brief the training needs.	04
(c) Explain the process of Performance Management.	07
OR	
Q.5 (a) What do you mean by 'Psychological Research'?	03
(b) Discuss the Social - Learning approaches.	04
(c) Explain the graphical representation of frequency distribution.	07
