

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2021****Subject Code:3151507****Date:20/12/2021****Subject Name:Industrial psychology****Time:02:30 PM TO 05:00 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 is Industrial Psychology?	03
	(b) Explain the scope of Industrial Psychology.	04
	(c) Explain how to do the assessment of Personality.	07
Q.2	(a) Define Job Satisfaction and Work Behaviour.	03
	(b) What is Group Dynamics? Explain the dynamics of group formation.	04
	(c) What is work environment? How does work environment influence productivity?	07
OR		
	(c) What is fatigue? Explain the nature and causes of fatigue.	07
Q.3	(a) What is job analysis?	03
	(b) Discuss McClelland's need theory.	04
	(c) Explain the validity and its type.	07
OR		
Q.3	(a) What do you mean by organizational culture?	03
	(b) Identify the different leadership style.	04
	(c) What is Hawthorne experiment? Discuss the application of Hawthorne experiment in industry.	07
Q.4	(a) Discuss main consequences of accidents in industry.	03
	(b) What is Industrial Psychology test? How it is carried out?	04
	(c) Discuss various type of psychological test used in industry.	07
OR		
Q.4	(a) What is motivation?	03
	(b) Explain motivation theory in reference to self.	04
	(c) Discuss the selection procedure used in industry.	07
Q.5	(a) What do you mean by stress?	03
	(b) Describe the Chi- Square test with its structure.	04
	(c) Explain the stress management technique used in organization.	07
OR		
Q.5	(a) Discuss: Hypothesis Testing.	03
	(b) Explain: (i) Central tendency (ii) Variability (iii) Normal curves	04
	(c) What are the various sources of recruitment adopted in industry?	07
