

Tolani College of Arts and Science, Adipur

Managed by: Gandhidham Collegiate Board, Adipur

Affiliated to: KSKV Kachchh University, Bhuj

Detailed Syllabus for Lab Assistant & Gas Mechanic (Common)

As per the revised format vide resolution

BHARTI/102023/638937/K, Date: 16/12/25

PART: A (90 MARKS)

(1) Reasoning & Data Interpretation (30 Questions, 30 Marks):

1. Problems on Ages
2. Venn Diagram
3. Visual reasoning
4. Blood relation
5. Arithmetic reasoning
6. Data interpretation (charts, graphs, tables)
7. Data sufficiency

(2) Quantitative Aptitude (30 Questions, 30 Marks):

1. Number Systems
2. Simplification and Algebra
3. Arithmetic and Geometric Progression
4. Average
5. Percentage
6. Profit-Loss
7. Ratio and Proportion
8. Partnership
9. Time and Work
10. Time, Speed and Distance
11. Work, Wages and chain rule

(3) a. Constitution of India (10 Questions, 10 Marks)

1. Preamble of the Constitution
2. Fundamental rights
3. Directive principles of state policy

4. Fundamental Duty
5. Power, role and responsibility of President, Vice President and governor
6. Parliamentary system
7. Amendment of Indian Constitution, emergency provisions in Indian Constitution
8. Centre – State Government and their relation
9. Judicial System of Indian Constitution
10. Constitutional body

b. Current Affairs (10 Questions, 10 Marks)

1. Current events of state, national and international importance

c. Comprehension (Gujarati {5 marks} & English {5 marks}) (10 Questions,10 Marks)

1. to assess comprehension, interpretation and inference skills

A paragraph given with set of question on the basis of paragraph or statement and assertion type question can be asked

PART: B (120 MARKS)

(1) Questions and Its Applications related to Technical Qualification (120 Questions, 120 Marks)

Please refer Specific syllabus of concerned subject.