

**AIR – CONDITIONING AND REFRIGERATION (CODE NO. 827)**  
**CLASS XII (SESSION 2019-2020)**

Air – Conditioning and Refrigeration (Code no. 827) Class XII (Session 2019-2020)	
Theory	60 marks
Practical	40 marks
<b>Total Marks</b>	<b>100 marks</b>

❖ **PART A: EMPLOYABILITY SKILLS**

- UNIT 1: Communication Skills
- UNIT 2: Self-Management Skills
- UNIT 3: Basic ICT Skills
- UNIT 4: Entrepreneurial Skills
- UNIT 5: Green Skills

❖ **PART B:**

- UNIT 1 - Psychrometry
- UNIT 2 – Heat Transfer and Air-Distribution
- UNIT 3 - Components of Refrigeration Systems
- UNIT 4 – Electric Controls
- UNIT 5 – Commercial Applications
- UNIT 6 – Air-Conditioning Systems and Maintenance

❖ **PART C: PRACTICAL WORK**

- Practical Examination
- Written Test
- Viva Voce

❖ **PART D: PROJECT WORK / FIELD VISIT**

- Practical File / Student Portfolio
- Viva Voce