

AIR-CONDITIONING & REFRIGERATION (CODE NO. 827)
CLASS XI (SESSION 2019-2020)

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Theory	60 marks
Practical	40 marks
Total Marks	100 marks

❖ **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– Introduction
- Unit 2 – Refrigeration Cycle and Applications
- Unit 3 – Compressor
- Unit 4 – Basic Electricity
- Unit 5 – Psychrometry and Human Comfort
- Unit 6 – Application of Air conditioning

❖ **PART C: PRACTICAL WORK**

- Practical Examination
- Written Test
- Viva Voce

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

- Practical File / Student Portfolio
- Viva Voce