

## Subject Name & Code:

### ENGLISH FOR TECHNICAL COMMUNICATION- BE02R00021

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#### PBL Assignment 9:

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##### Section A

**Q.1-Q.3: Write the meaning of any 10 words.** (*Words Will be provided by class teacher and based on that you will have to give the meanings* )

**Q.4: Write 10 Abbreviations** (*Example - from Technical English*)

1. **CAD:** Computer-Aided Design
2. **PLC:** Programmable Logic Controller
3. **AC:** Alternating Current
4. **DC:** Direct Current
5. **IoT:** Internet of Things
6. **HVAC:** Heating, Ventilation, and Air Conditioning
7. **PCB:** Printed Circuit Board
8. **RMS:** Root Mean Square
9. **LED:** Light Emitting Diode
10. **SOC:** State of Charge (or System on a Chip)

**Q.5: Frame five meaningful sentences using any five words.** (*I will use 5 technical words as an example*)

1. The **algorithm** was optimized to reduce the processor's **latency**.
  2. Accurate **calibration** of the sensor is **imperative** for reliable data.
  3. The **prototype** demonstrated a significant **efficiency** gain over the previous model.
  4. **Synchronizing** the generators is a complex but **critical** task for grid stability.
  5. The **tolerance** specified in the drawing must be **adhered** to during manufacturing.
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##### Section B: Choose any five words and answer the following for each word:

(*There is chance that class teacher will provide the words but still Here is an example for one word.*)

##### Word 1: Engineer

###### Q.1 What is the origin of the word?

The word originates from the Latin *ingenium*, meaning "cleverness" or "innate quality," and the Medieval Latin *ingeniator*, meaning "one who designs and constructs."

###### Q.2 The language from which the word is borrowed.

It entered English from Old French *engigneor*, around the 14th century.

**Q.3 Change in meaning of the word over time.**

Originally, it referred to a designer and constructor of military engines (catapults, fortifications). By the 18th century, it broadened to mean anyone who operates an engine (e.g., train driver). Its modern meaning—a professional who applies science and mathematics to design and build useful structures, machines, or systems—crystallized in the 19th century.

**Q.4 Present-day usage of the word.**

Today, it primarily denotes a professional with specialized technical knowledge in fields like civil, electrical, or software engineering. It is also used as a verb meaning to skillfully arrange or orchestrate (e.g., "to engineer a merger").