



SHEET NO (5)

Q1) What is the speech compression and what is its purpose?

Q2) Discuss in details the differences between the following terms:-

- a) Lossless and lossy compression.**
- b) Symmetrical and asymmetrical compression.**

Q3) Discuss in details the theory of work of the PCM Speech code?

Q4) Discuss in details the theory of work of the DPCM Speech code?

Q5) Discuss in details the theory of work of the ADPCM Speech code?

Q6) Discuss in details the theory of work of the LCP Speech code?

Q7) What are the advantages and the disadvantages of LPC Speech code?

Q8) Discuss in details the theory of work of the digital speech compression?