

SABARAGAMUWA (COMBINED) TUTORIAL 2011

- (1)** List out the major revolutions the world has experience upto now? & provide out comes you experience from each revolutions?/ what future revolution you can expect?
- (2)** what are the characteritics of communication revolutions? compare with previous 10 years,/ What you can expect more on the present revolution?
- (3)** Revolution will allow human to change their paradigm. efficiency, effectiveness & productivity of human will be improved from each revolutions. give examples to show how you experience the improvement of above parameters from going from one revolution to another.(upto communication revolutions)
- (4)** Every human being in this world is born with talents. these talents has to be improved to convert as energy during humans life time. To convert to energy you require to be happy & get the best benefit out the current revolutions, with good health. religions plays a vital role in making you happy. Briefly explain how you are going to convert your talents according to your relegion to become an energetic person?
- (5)** From 1869 with Alexender Graham Bell, communication revolution started. Today we experience much development in communication field. Who are the people contributed to reach the present communication revolution. explain the capability of a modern mobile handset(like black berry or i phone)
- (6)** Briefly explain how you form the E1 link? start with digital transmission
- (7)** Explain the importance denary & binary systems into your life?
- (8)** Digital Transmission is governed by Sampling Theorem. The tecnique to achieve digital transmission is PCM. Quantising noise is inherent to PCM. To day PCM is widely used for communication in the world due to it's ability to covert to its original signal. Explain the function of a repotor, how you can get the original wave form
- (9)** What are the types of wave forms you can see in the media which uses for practical digital trans mission systems. Explain clearly why you are using AMI codes
- (10)** Explain with the help of a block diagram, the basic modules of a pcm system. explain what is channel associated signaling