**Summer-20 Final Term Assignment**

**Subject: Analog and Digital Communication System**

**Note: Please attempt all Questions in sequence. All questions carry equal marks. (50)**

**Question No. 1: (10)**

Describe the Direct and Indirect method of Generation of Wideband FM Signals.

**Question No. 2:**

Write your understanding about the block diagram given below  **(10) **

**Question No. 3: (10)**



**Question No. 4: (10)**

Define Noise and briefly discuss its types in detail.

**Question No. 5:** Discuss the following **(10)**

1. Noise Power
2. Pulse code Modulation
3. Sampling

***Good Luck***