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- b. Explain how the picture information is decoded in the colour TV receiver. (8)
- Q.6** a. Explain in detail various types of colour video signals. (9)
- b. Explain colourplexed composite video signal. (7)
- Q.7** a. Explain (i) Tests for streaking or smear in the picture and (ii) Tests for ringing in the picture (8)
- b. Why is a sine-squared test signal better than square wave pulses? (8)
- Q.8** a. Explain colour band pass amplifier and colour killer circuit functions. (8)
- b. Explain I and Q demodulators with a neat block diagram. (8)
- Q.9** a. Explain safety precautions while servicing TV receivers. (8)
- b. Explain the use of oscilloscope in TV servicing. (8)