

- 1) Radar is a contraction of word _____ .
- 2) Radar range is measure in _____ unit.
- 3) What do you mean by second time around echoes.
- 4) What do you mean by maximum unambiguous range.
- 5) What is pulse repetition frequency?
- 6) What is minimum detectable signal.
- 7) Which factor affects the maximum radar range.
- 8) Frequency bands for radar system is _____ .
- 9) What do you mean by false alarm.
- 10) What is radar cross section of target.

- 11) MTI stands for _____ .
- 12) What do you mean by coherent signal.
- 13) What do you mean by non coherent signal.
- 14) What is function of delay line canceller.
- 15) What is function of phase detector.
- 16) Why output of MTI stage is bipolar
- 17) What is function of Tracking radar.
- 18) Which are the different methods for generating error signal in Tracking radar.
- 19) Explain function of COHO & STALO in MTI radar.
- 20) Explain function of duplexer.

- 21) What is Klystron.
- 22) Which are the different types of klystron.
- 23) What is the use of klystron.
- 24) What do you mean by mode.
- 25) What is the condition for maximum amplification in klystron.
- 26) How much is the efficiency of reflex klystron.
- 27) How much is the efficiency of magnetron.
- 28) Why magnetron is called cross field device.
- 29) Which mode is used for oscillation in magnetron.
- 30) How R. F. field is generated in magnetron.

- 31) What do you mean by Directivity.
- 32) What is power gain.
- 33) What is Effective aperture area
- 34) What is effective length.
- 35) What is aperture efficiency.
- 36) What is radiation resistance.
- 37) What do you mean by efficiency.
- 38) What is radiation intensity.
- 39) Which are the different feeds for paraboloids. 40) Which are the different types of lens antennas.
- 41) What is the function of radar receiver.
- 42) What do you mean by noise figure.
- 43) First stage of radar receiver is _____ .
- 44) What is the function of mixer.
- 45) What is the function of duplexer.
- 46) Which are the different types of duplexers.
- 47) What is the function of display unit.
- 48) Which are the important parameters of mixer.
- 49) What is conversion loss.
- 50) What is low noise temperature loss.
- 51) what do you mean by clutter.
- 52) Which are the different types of clutters.
- 53) What do you mean by radar cross section .
- 54) What do you mean by surface clutter.

- 55) What is angel echoes.
- 56) What is sea clutter.
- 57) What is function of synthetic aperture radar
- 58) What is the function of HF over horizon radar.
- 59) What is use of synthetic aperture radar.
- 60) What is use of Hf over horizon radar.