

1. Communication is a process of

- a) transfer of information
- b) transfer of energy
- c) transfer of channel
- d) none of these

Ans:a

2. An example of communication service

- a) printer
- b) television
- c) both(a)&(b)
- d) none of these

Ans:b

3. Channel is

- a) medium
- b) signal
- c) carrier
- d) none of these

Ans:a

4. Analog signal varies with

- a) sampling time
- b) time continuously
- c) sampling frequency
- d) none of these

Ans:b

5. Discrete signal is represented by

- a) coding
- b) modulation
- c) demodulation
- d) sequence of samples

Ans:d

6. Carrier signal has

- a) constant magnitude
- b) constant frequency
- c) variable frequency
- d) variable time

Ans:a

7. Modulating signal has

- a) low frequency
- b) low modulation
- c) high frequency
- d) none of these

Ans:a

8. Modulation index is

- a) V_m/V_c
- b) V_c/V_m
- c) V_m/I_c
- d) None of these

Ans:a

9. $f_c + f_m$ is

- a) upper band frequency
- b) lower band frequency
- c) mid band frequency
- d) none of these

Ans:a

10. $f_c - f_m$ is

- a) upper band frequency
- b) lower band frequency
- c) mid band frequency
- d) none of these

Ans:b

11. In amplitude modulation, frequency is

- a) constant
- b) zero
- c) variable
- d) one

Ans:a

12. In amplitude modulation, amplitude is

- a) constant
- b) zero
- c) variable
- d) none of these

Ans:c

13. In frequency modulation, frequency is

- a. constant

- b. zero
- c. variable
- d. one

Ans: c

14. In frequency modulation, amplitude is

- a. constant
- b. zero
- c. one
- d. variable

Ans: a

15. frequency modulation has

- a) one carrier
- b) one carrier with two side band frequencies
- c) one carrier with infinite frequencies
- d) none of these

Ans: c

16. Amplitude modulation has

- a) one carrier
- b) one carrier with two side band frequencies
- c) one carrier with infinite frequencies
- d) none of these

Ans: b

17. FM signal is less affected by

- a) loss
- b) temperature
- c) frequency
- d) noise

Ans: d

18. FSK is

- a) frequency shift keying
- b) frequency shine keying
- c) frequency shine keyboard
- d) none of these

Ans: a

19. ASK is

- a) Amplitude shift keying
- b) Amplitude shift keyboard

- c) Amplitude shine keying
- d) none of these
- e) Ans:a

20. HPA is

- a) high power audio
- b) high port audio
- c) high power amplifier
- d) none of these

Ans:c

21. Word 'SCANNING' is used in in

- a) telecost
- b) telephone
- c) radio
- d) TV

Ans:d

22. The frequency range of 1GHZ to 30GHZ are referred as

- a) sound waves
- b) micro waves
- c) mini waves
- d) none of these

Ans:b

23 . IF is

- a) interference frequency
- b) interconnection frequency
- c) intermediate frequency
- d) none of these

Ans:c

24. Low pass filter attenuates

- a) high frequencies
- b) low frequencies
- c) medium frequencies
- d) none of these

Ans:a

25 . high pass filter attenuates

- a) high frequencies
- b) low frequencies
- c) medium frequencies

d) none of these

Ans:b

26. Low pass filter allows

- a) high frequencies
- b) medium frequencies
- c) zero frequency
- d) low frequencies

Ans:d

27. High pass filter allows

- a) high frequencies
- b) medium frequencies
- c) zero frequency
- d) low frequencies

Ans:a

28. Primary component of uplink section of satellite is

- a) transformer
- b) transistor
- c) earth station transmitter
- d) power station transmitter

Ans:c

29. Micro wave communication is used in

- a) TNEB
- b) telephone networks
- c) industries
- d) none of these

Ans:b

30. Non electric signal is converted into electrical signal by

- a) transmitter
- b) receiver
- c) line
- d) none of these

Ans:a

31. In order to reduce interference, the signal should be

- a) amplified
- b) multiplied
- c) demodulated
- d) modulated

Ans:d

32. An example for an analog signal

- a) Sine wave
- b) impulse signal
- c) sample signal
- d) None of these

Ans:a

33. Messages travel from transmitter to receiver with help of

- a) Transmitter
- b) Receiver
- c) channel
- d) antennas

Ans:c

34. Bandwidth of FM signal is —than AM signal

- a) lesser
- b) either lesser or larger
- c) larger
- d) none of these

Ans:c

35. In AM modulation ,when the modulation index increases, transmitted power is

- a) constant
- b) increased
- c) decreased
- d) none of these

Ans:b

36. In FM modulation ,when the modulation index increases, transmitted power is

- a) constant
- b) increased
- c) decreased
- d) none of these

Ans:a

37. Sound signals in TV are

- a) amplitude modulated
- b) dc modulated
- c) frequency modulated
- d) a and c

Ans:c

38. Video signals in TV are

- a) amplitude modulated
- b) de modulated
- c) frequency modulated
- d) none of these

Ans:a

39. In optical communication, carrier is

- a) electromagnetic waves in optical frequency
- b) electromagnetic waves in maximum frequency
- c) electromagnetic waves in minimum frequency
- d) none of these

Ans:a

40. Optical detector is

- a) diode
- b) PIN photo diode
- c) transistor
- d) none of these

Ans:b

41. Optical fibre has—diameter

- a. small
- b. large
- c. zero
- d. none of these

Ans:a

42. Optical fibre is fabricated by

- a) glass
- b) copper
- c) aluminium
- d) none of these

Ans:a

43. An earth station receiver consists of

- a. RF to IF down converter
- b. IF to RF converter
- c. either (a)&(b)
- d. none of these

Ans:a

44. An earth station transmitter consists of

- a. RF to IF down converter
- b. IF to RF converter
- c. either (a)&(b)
- d. none of these

Ans: b

45. VHF is

- a. very low frequency
- b. very high frequency
- c. very hot frequency
- d. none of these

Ans: b

46. TRF is nothing but

- a. TV radio frequency
- b. Tuned radio frequency
- c. Tube radio frequency
- d. none of these

Ans: b

47. which one of the following is the type of 'superheterodyning'

- a. Radio transmitter
- b. TV
- c. radio receiver
- d. radar

Ans: c

48. AFC is nothing but

- a. Audio frequency control
- b. Automatic frequency control
- c. Amplitude frequency control
- d. none of these

Ans: b

49. The maximum power in AM, when modulation index is

- a. 0
- b. 0.5
- c. 0.7
- d. 1

Ans: d

50. Primary colours are

- a. red, blue, green

b.green,white.blue

c.blue,red.yellow

d.none of these

Ans:a