

Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Communication System

Course Code - GEEC201/BCA203A(BL)/BCS203A(BL)

* You can submit the form ONLY ONCE.

* Fill the following information for further process.

* Required

1. Email address *

2. Name of the Student *

3. Enter Full Student Code *

4. Enter Roll No *

5. Enter Registration No *

6. Enter Course Code *

7. Enter Course Name *

8. Select Your Programme *

Mark only one oval.

- Diploma in Pharmacy
- Bachelor of Pharmacy
- B.TECH.(CSE)
- B.TECH.(ECE)
- BCA
- B.SC.(CS)
- B.SC.(BT)
- B.SC.(ANCS)
- B.SC.(HN)
- B.Sc.(MM)
- B.A.(MW)
- BBA
- [B.COM](#)
- B.A.(JMC)
- BBA(HM)
- BBA(LLB)
- B.OPTOMETRY
- B.SC.(MB)
- B.SC.(MLT)
- B.SC.(MRIT)
- B.SC.(PA)
- LLB
- PGDHM
- Dip.CSE
- Dip.ECE
- Dip.EE
- Dip.CE
- Dip.ME
- MCA
- M.SC.(CS)

- M.SC.(ANCS)
- M.SC.(MM)
- MBA
- M.SC.(BT)
- M.TECH(CSE)
- LLM
- M.A.(JMC)
- M.A.(ENG)
- M.SC.(MATH)
- M.SC.(MB)

Answer all the questions. Each question carry one mark.

9. 1. Demodulation of DSB-SC signal requires

Mark only one oval.

- an envelope detector
- an integrator
- a synchronous detector
- a discriminator

10. 2. Communication is the process of

Mark only one oval.

- keeping in touch
- broadcasting
- exchanging information
- entertainment by electronics

11. 3. The primary communication resources are

Mark only one oval.

- Transmitter and Receiver
- Source and Antenna
- Transmitted power and Channel bandwidth
- Channel and Noise

12. 4. In TV telecast, the sound signal is modulated in

Mark only one oval.

- VSB
- SSB
- AM
- FM

13. 5. Regenerative repeaters can be used in

Mark only one oval.

- analog communication system only
- digital communication system only
- analog and digital communication systems
- None of these

14. 6. The bit rate of a digital communication system is 34 Mbps. The modulation scheme is QPSK, the bout rate of the system is

Mark only one oval.

- 68 Mbps
- 34 Mbps
- 17 Mbps
- 85 Mbps

15. 7. The anti-aliasing is basically a

Mark only one oval.

- Band pass filter used for band limiting
- low pass filter used as band limiting filter
- High pass filter used as band limiting filter
- None of these

16. 8. The signal to quantization noise ratio in n bit PCM system

Mark only one oval.

- is independent of value n
- increase with increasing value of n
- depends upon the sampling frequency employed
- decreases with the increasing value of n

17. 9. Radio signals are made up of

Mark only one oval.

- voltage and current
- electrons and protons
- electric and magnetic field
- None of these

18. 10. In commercial TV transmission in India picture and sound signals are modulated respectively as

Mark only one oval.

- VSB and FM
- VSB and VSB
- FM and VSB
- AM and FM

19. 11. A special AM broadcasting transmitter radiates 10 kW when the depth of modulation is 60%. The carrier power required is

Mark only one oval.

- 9 kW
- 7.8 kW
- 8.47 kW
- 9.5 kW

20. 12. In digital transmission, the modulation technique that requires minimum bandwidth is

Mark only one oval.

- DM
- PCM
- DPCM
- PAM

21. 13. What do you understand by the term SSB?

Mark only one oval.

- suppressed Side Band
- suppressed Single Band
- single Side Band
- selected Single Band

22. 14. Thermal noise is also called as

Mark only one oval.

- johnson noise
- avalanche noise
- shot noise
- flicker noise

23. 15. The spectrum of a signal extends from 200 Hz to 3200 Hz. This signal is

Mark only one oval.

- a low pass signal
- a high pass signal
- a band pass signal
- a band stop signal

24. 16. The sampling process converts

Mark only one oval.

- continuous time signal into continuous time signal
- continuous time signal into a discrete time signal
- discrete time signal into a continuous time signal
- discrete time signal into discrete time signal

25. 17. Which multiplexing technique transmits digital signal?

Mark only one oval.

- FDM
- TDM
- WDM
- FDM and TDM

26. 18. If the deviation is 75 kHz and maximum modulating frequency is 5 kHz, what is the bandwidth of an FM wave?

Mark only one oval.

- 80 kHz
 160 kHz
 40 kHz
 320 kHz

27. 19. The process of transmitting two or more information signals simultaneously over the same channel is called

Mark only one oval.

- multiplexing
 telemetry
 detection
 modulation

28. 20. Which of the following is not a major communication medium?

Mark only one oval.

- free space
 water
 wires
 fiber optic cable

29. 21. One of the serious disadvantages of FM transmission is its

Mark only one oval.

- high static noise
- limited line of sight range
- expensive equipment
- adjacent channel interference

30. 22. The broadcasting frequency range used in frequency modulator is

Mark only one oval.

- 30 MHz to 300 MHz
- 88 MHz to 108 MHz
- 3 MHz to 30 MHz
- 1 MHz to 3 MHz

31. 23. FM signal can be converted into AM signal using

Mark only one oval.

- frequency discriminato
- square law detector
- slope detector
- None of these

32. 24. Capture effect is active in

Mark only one oval.

- AM
- PCM
- PAM
- FM

33. 25. Armstrong F. M. transmitter performs frequency multiplication in stages

Mark only one oval.

- to increase the overall S/N ratio
- to reduce bandwidth
- to find the desired value of carrier frequency as well as frequency deviation
- for convenience

34. 26. Major advantage of Armstrong modulator is that

Mark only one oval.

- it is capable to producing WBFM signals
- the centre frequency (carrier frequency when unmodulated) is extremely stable
- a large depth of modulation can be achieved
- None of these

35. 27. In the generation of modulated signal, a varactor diode can be used

Mark only one oval.

- FM generation only
- AM generation only
- PM generation only
- both AM & PM generation

36. 28. For which of the following systems, the signal to noise ratio is the highest?

Mark only one oval.

- PAM
- PWM
- PPM
- PAM and PWM

37. 29. What are the three steps in generating PCM in the correct sequence?

Mark only one oval.

- sampling, quantizing & encoding
- encoding, sampling & quantizing
- sampling, encoding & quantizing
- quantizing, sampling & encoding

38. 30. In a certain system, the signal power is 13 dB and noise power is -1 dB. The SNR will be

Mark only one oval.

- 14 dB
- 13 dB
- 12 dB
- 13 dB

This content is neither created nor endorsed by Google.

Google Forms