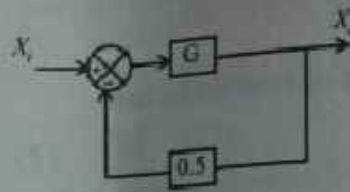


SECTION - A : ELECTRONICS AND COMMUNICATION ENGINEERING (TELECOM)

1. A block diagram of a negative feedback system is as shown in fig. below. If $G = \text{infinity}$, then the closed loop gain $\frac{X_o}{X_i}$ is



- (1) Infinity
- (2) 0.5
- (3) 0
- (4) 2

2. A unit step input is applied to the negative feedback system whose closed loop transfer function is $\frac{63}{s^2 + 4.8s + 9}$, then the steady state value of the output is

- (1) 7
- (2) 1
- (3) 63
- (4) 9

3. For critically damped system, the value of the damping ratio ζ is

- (1) 0
- (2) Greater than one
- (3) Less than one
- (4) Equal to one

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4. If the open loop transfer function of a system is $G(s)H(s) = \frac{K(s+1)}{s(s+3)(s+4)}$ then its centroid is
- (1) (-3, 0) (2) (-3.5, 0)
(3) (-2, 0) (4) (-4, 0)

5. For over damped systems, the closed loop poles are
- (1) Real and equal (2) Real and distinct
(3) Purely imaginary (4) Complex conjugate

6. For the open loop transfer function of a feedback system

$$G(s)H(s) = \frac{K}{s(s+4)(s^2+4s+20)}$$

the number of branches of root locus are

- (1) One (2) Two
(3) Three (4) Four

7. A rough measure of bandwidth of a system is

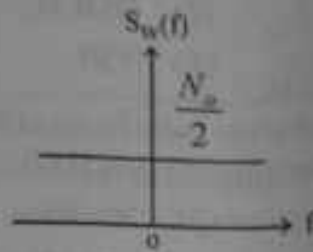
- (1) gain crossover frequency
(2) phase cross over frequency
(3) resonant frequency
(4) undamped natural frequency

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8. Choose the correct statement

- (1) Lead compensator is a high pass and Lag compensator is a low pass filter
(2) Lead compensator is a low pass and Lag compensator is a high pass filter
(3) Both lead and lag compensators are high pass filters
(4) Both lead and lag compensators are low pass filters

9. The power spectral density of white noise $S_w(f)$ is as shown in fig. below. Then the autocorrelation function of white noise $R_w(\tau)$ is



(1) $R_w(\tau) = N_o u(\tau)$

(2) $R_w(\tau) = N_o \delta(\tau)$

(3) $R_w(\tau) = \frac{N_o}{2} \delta(\tau)$

(4) $R_w(\tau) = \frac{N_o}{2} u(\tau)$

10. The Nyquist rate of the signal $x(t) = [\cos(2\pi 10^3 t) \cdot \cos(6\pi 10^3 t)]$ is

(1) 6kHz

(2) 2kHz

(3) 8kHz

(4) 4kHz

11. A discrete memory less source has two symbols x_1 and x_2 with probabilities $p(x_1)$ and $p(x_2)$ respectively, then the entropy of the source $H(X)$ is

(1) $H(X) = p(x_1) \log_{10} p(x_1) + p(x_2) \log_{10} p(x_2)$

(2) $H(X) = -p(x_1) \log_{10} p(x_1) - p(x_2) \log_{10} p(x_2)$

(3) $H(X) = -p(x_1) \log_2 p(x_1) - p(x_2) \log_2 p(x_2)$

(4) $H(X) = p(x_1) \log_2 p(x_1) + p(x_2) \log_2 p(x_2)$

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12. A sinusoidal signal is given to a 6-bit uniform quantizer in a Pulse Coded Modulation (PCM). The Signal to Quantization Noise Ratio SQNR is approximately

(1) 37dB

(2) 32dB

(3) 42dB

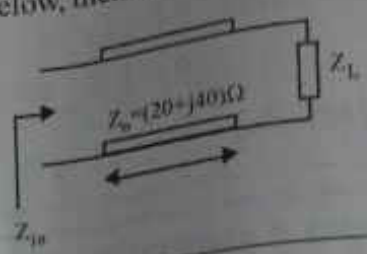
(4) 45dB

13. The type of modulation used for the transmission of video signal in commercial television broadcasting is
- (1) Conventional AM (2) DSB-SC
(3) SSB (4) VSB
14. The image frequency of the super heterodyne radio receiver whose intermediate frequency is at 455kHz and is tuned to a station operating at 1100kHz is
- (1) 2110kHz (2) 2010kHz
(3) 1910kHz (4) 2210kHz
15. An AM transmitter operating at a carrier frequency of 1MHz and carrier power 6kW, the modulation signal at frequency of 5kHz is modulated at 60% depth, the total average power of the modulated wave will be
- (1) 100.8kW (2) 10.8kW (3) 6kW (4) 5.4kW
16. Three message signals $m_1(t)$, $m_2(t)$ and $m_3(t)$ band limited to 1kHz were multiplexed using Time Division Multiplexing (TDM). If each message signal is sampled at a rate of 2kHz then the time spacing between adjacent samples in the TDM is
- (1) $\frac{1}{6}$ ms (2) $\frac{1}{2}$ ms (3) $\frac{1}{3}$ ms (4) $\frac{1}{4}$ ms
17. For an FM demodulator circuit with a transfer function 0.2V/kHz and an FM input signal with 20kHz of peak frequency deviation, the peak output voltage is
- (1) 0V (2) 0.2V (3) 4V (4) 20V
18. Assume that an analog audio voice frequency telephone signal which occupies band from 300Hz is converted to a PCM signal using a sampling signal of 8kHz. Each sample is encoded by 8 bits. What is the minimum absolute bandwidth required for transmitting this signal?
- (1) 16kHz (2) 64kHz (3) 32kHz (4) 128kHz
19. A pulse of energy E immersed in white noise with spectral density $\frac{N_0}{2}$ is received through a matched filter. The output SNR at the decision instant is given by
- (1) $\frac{E}{N_0}$ (2) $\frac{E}{2N_0}$ (3) $\frac{2E}{N_0}$ (4) $\sqrt{\frac{E}{N_0}}$

20. The bandwidth required for the transmission of stereo FM signal with a peak frequency deviation of 50 kHz highest modulating frequency being 100 kHz, as per Carson's rule is
- (1) 150kHz
 - (2) 200kHz
 - (3) 250kHz
 - (4) 300kHz

21. A 30 meter long transmission line with characteristic impedance $Z_0 = (20 + j40)\Omega$ is matched to the load impedance Z_L as shown in fig. below, then the input impedance Z_{in} is

- (1) $[20 - j40]\Omega$
- (2) $[40 + j20]\Omega$
- (3) $[40 - j20]\Omega$
- (4) $[20 + j40]\Omega$



22. Which of the following is not a Maxwell's equation

- (1) $\nabla \cdot \mathbf{D} = \rho$
- (2) $\nabla \times \mathbf{E} = \frac{-\partial \mathbf{B}}{\partial t}$
- (3) $\nabla \times \mathbf{H} = \mathbf{J}_C + \frac{\partial \mathbf{D}}{\partial t}$
- (4) $\nabla \times \mathbf{B} = \frac{-\partial \mathbf{E}}{\partial t}$

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23. The dominant mode in rectangular waveguide with the condition $a > b$ with 'a' and 'b' being the length and breadth of the waveguide cross section respectively is

- (1) $TE_{1,0}$
- (2) $TE_{1,1}$
- (3) $TM_{0,0}$
- (4) $TM_{0,1}$

24. A rectangular waveguide filled with dielectric $\epsilon = \epsilon_r \epsilon_0$, $\mu = \mu_0$, and the cut-off wave number is k_c . If the relative permittivity of the medium is doubled then the cut-off wave number is

- (1) $2k_c$
- (2) $4k_c$
- (3) $3k_c$
- (4) k_c

25. The radiation resistance R_{rad} of a half wave dipole antenna is

- (1) 73Ω
- (2) 36.5Ω
- (3) 377Ω
- (4) 50Ω

26. A step index fibre has core diameter $40\mu\text{m}$ with core refractive index of 1.3 and numerical aperture 0.5, then the refractive index of cladding is

(1) 1.2

(2) 1.1

(3) 0.9

(4) 0.8

27. In free space electric field is $10^3 \sin(\omega t - \beta z)$, magnetic field will be

(1) Zero

(2) $\frac{-10^3 \sin(\omega t - \beta z)}{120\pi}$

(3) $120\pi \sin(\omega t - \beta z)$

(4) $\frac{10^3 \sin(\omega t - \beta z)}{120\pi}$

28. If f is the frequency of operation, the skin depth of a conductive medium is proportional to

(1) f

(2) $1/f$

(3) \sqrt{f}

(4) $1/\sqrt{f}$

29. Input impedance of a short circuited quarter wavelength transmission line will be

(1) Zero

(2) Cannot be determined

(3) Infinite

(4) Depends upon characteristic impedance

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30. Which of the following field quantity has its normal component always continuous at the interface of two media?

(1) Electric Displacement

(2) Electric Field Intensity

(3) Magnetic Flux Density

(4) Magnetic Field Intensity

31. The residue of $\frac{1 - \cos z}{z^2}$ at $z = 0$ is

(1) 1

(2) $2\pi i$

(3) $\frac{1}{2\pi i}$

(4) 0

32. The value of k , for which the system $\begin{bmatrix} 1 & 5 & 7 \\ 7 & k & 9 \\ 2 & 7 & 4 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} = \begin{bmatrix} 9 \\ 5 \\ 6 \end{bmatrix}$ has no solution, is _____

(1) 18

(2) 19

(3) 23

(4) 25

33. For the following probability distribution

X	0	1	2	3	4	5	6	7
P(X=x)	0	$2k$	$2k$	k	$3k$	k^2	$2k^2$	$7k^2+k$

the mean of the distribution is _____

(1) 3.08

(2) 2.49

(3) 3.46

(4) 3.80

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34. The rate of change of $f(x, y, z) = axy^2 + byz + cz^2x^3$ at $(1, -2, 1)$ in the direction parallel to the positive z -axis is 64 which is maximum. The value of the constants a, b, c respectively are

(1) 6, 24, -8

(2) 6, -24, -8

(3) -6, -24, 8

(4) -6, 24, 8

35. For what values of k the set $\{(1, 5, 8), (1, 7, 8), (k, 10, 9)\}$ is linearly dependent?

(1) $\frac{16}{18}$

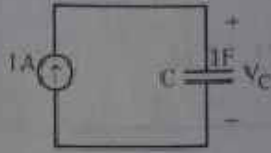
(2) $\frac{18}{16}$

(3) $\frac{-16}{18}$

(4) $\frac{-18}{16}$

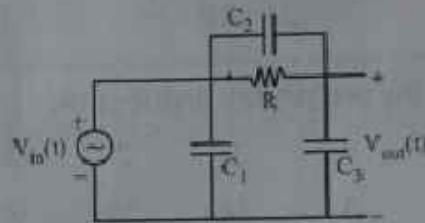
36. Assuming that the initial voltage across the capacitor C in the following circuit is $V_C(0) = 1V$, the value of $V_C(t)$ at time $t = 2\text{sec}$ is

- (1) 1V
- (2) 2V
- (3) 3V
- (4) 4V



37. The time constant (in seconds) for the network shown in fig. below is

- (1) RC_3
- (2) $R[C_1 + C_2 + C_3]$
- (3) $R[C_1 + C_3]$
- (4) $R[C_2 + C_3]$



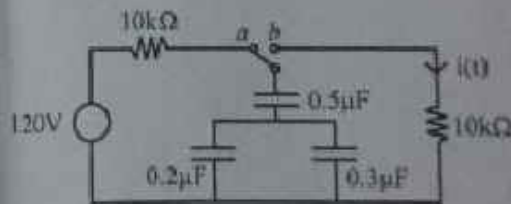
38. The phase angle between $v_1 = -10\cos(\omega t + 50^\circ)$ and $v_2 = 12\sin(\omega t - 10^\circ)$ will be

- (1) 10 degrees
- (2) 30 degrees
- (3) 90 degrees
- (4) 190 degrees

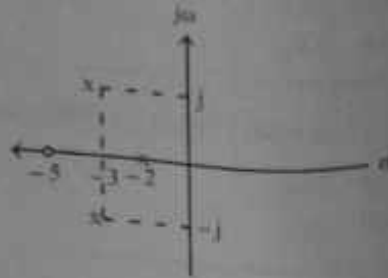
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39. The switch K in Fig. was on position a for a long time and moved to position b at time, $t = 0$. The current $i(t)$ for $t > 0$ is,

- (1) $1.2e^{-400t}\text{mA}$
- (2) $12e^{-800t}\text{mA}$
- (3) $120e^{-400t}\text{mA}$
- (4) $12e^{-400t}\text{mA}$



40. For the pole-zero plot given in Fig. the system function $H(s)$ for a dc gain of 10 is



(1) $\frac{10(s+5)}{(s+2)(s^2+5s+11)}$

(2) $\frac{40(s+5)}{(s+2)(s^2+6s+10)}$

(3) $\frac{40(s+5)}{(s+2)(s^2+5s+11)}$

(4) $\frac{10(s+5)}{(s+2)(s^2+6s+10)}$

41. A discrete time system is given by an input and output relation $y(n) = x(-n)$, where $x(n)$ and $y(n)$ are input and output of a system respectively. The given system is

- (1) linear and time invariant
- (2) non linear and time invariant
- (3) linear and time variant
- (4) non linear and time variant

42. If the input $x(t) = u(t) + u(t-1)$ is applied to a LTI system whose impulse response is given by $h(t) = \delta(t)$, then the response of the system $y(t)$ is

(1) $u(t) + 2u(t+1)$

(2) $u(t) + u(t-1)$

(3) $u(t) + u(t+1)$

(4) $u(t) + 2u(t-1)$

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43. The z-transform of the discrete time signal $x(n) = u(n) * u(n)$ with $*$ being convolution is

(1) $\frac{1}{[1-z^{-1}]^2}$, ROC: $|z| < 1$

(2) $\frac{1}{[1-z^{-1}]^2}$, ROC: $|z| > 1$

(3) $\frac{1}{[1-z]^2}$, ROC: $|z| > 1$

(4) $\frac{1}{[1-z]^2}$, ROC: $|z| < 1$

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44. If $X_1(K)$ is the N-point DFT of $x_1(n)$, then the DFT of the signal $x_2(n) = x_1^*(n)$ with $x_1^*(n)$ being the complex conjugate of $x_1(n)$ is

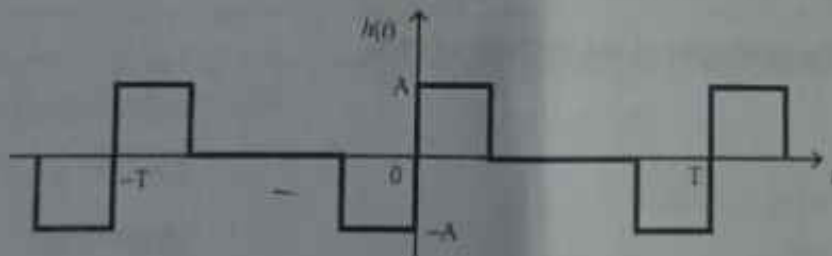
(1) $X_1^*(N-K)$

(2) $-X_1^*(N-K)$

(3) $-X_1(N-K)$

(4) $X_1(N-K)$

45. For the periodic signal shown in the following figure, with reference to the Fourier coefficient, select the correct statement



(1) $b_n = 0$

(2) $a_n = 0$

(3) $b_n = 0$ and $a_n = 0$

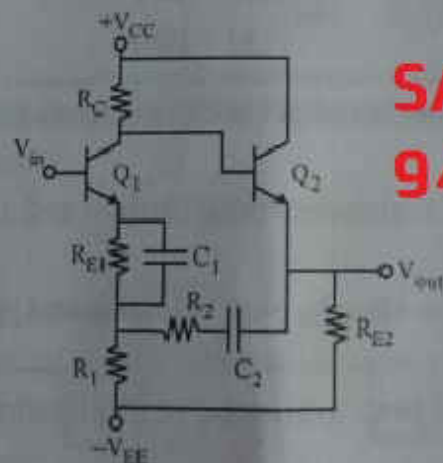
(4) $c_0 = 0$ and $a_n = 0$

46. The characteristic of an LTI system are completely characterized by its
- (1) impulse response (2) step response
(3) system gain (4) ramp response
-
47. The Inverse Fourier Transform of $\text{sinc}^2(A\omega)$ is
- (1) Rectangular pulse (2) Kronecker function
(3) Signum function (4) Triangular pulse
-
48. A signal $m(t)$ is band limited to 5kHz, which is modulated by $\cos(40000\pi t)$. The least sampling rate required to recover $m(t)$ is,
- (1) 20kHz (2) 10kHz
(3) 40kHz (4) 5kHz
-
49. Consider the signal, $x(n) = 1 - \sum_{k=7}^{\infty} \delta(n-1-k)$. The values of α and β , so that $x(n) = u(\alpha n - \beta)$ are
- (1) $\alpha = -1, \beta = 2$ (2) $\alpha = 1, \beta = 7$
(3) $\alpha = 1, \beta = 2$ (4) $\alpha = -1, \beta = -7$
-
50. If the reverse saturation current I_0 of a diode at a temperature of 25°C is 2nA. Then the reverse saturation current at 45°C is
- (1) 6nA (2) 8nA
(3) 12nA (4) 16nA
-
51. Which of the following statements is correct with respect to the temperature coefficient of breakdown in diodes
- (1) Temperature coefficient of avalanche multiplication and zener breakdown are positive and negative respectively
(2) Temperature coefficient of avalanche multiplication and zener breakdown are negative and positive respectively
(3) Temperature coefficient of both avalanche multiplication and zener breakdown are positive
(4) Temperature coefficient of both avalanche multiplication and zener breakdown are negative

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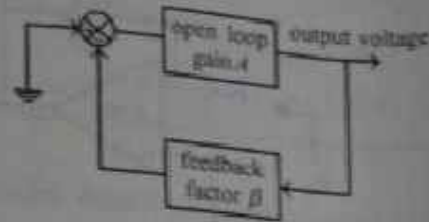
52. A Si junction is at 100°C , barrier potential at 25°C is 0.7V . The value of barrier potential at 100°C will be
 (1) 0.7V (2) 0V (3) 0.55V (4) 0.40V
53. In IC Fabrication, which step is used to introduce impurity atoms into the semiconductor crystal
 (1) Oxidation (2) Epitaxial growth
 (3) Metallization (4) Diffusion
54. For a transistor collector current is 5.255mA and base current is $100\mu\text{A}$, α_{dc} will be
 (1) 0.5 (2) 1.0 (3) 0.98 (4) 0.89
55. Channel length modulation in MOSFET makes the drain current
 (1) To decrease with drain to source voltage
 (2) To increase with drain to source voltage
 (3) Independent of drain voltage
 (4) Zero
56. A BJT Darlington amplifier is cascading of
 (1) Common Emitter and Common Base Configurations
 (2) Common Emitter and Common Emitter Configurations
 (3) Common Collector and Common Collector Configurations
 (4) Common Collector and Common Base Configurations
57. For a negative feedback amplifier as shown in Fig. below, the type of feedback present in the circuit is



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- (1) Voltage series feedback (2) Current series feedback
 (3) Voltage shunt feedback (4) Current shunt feedback

58. The block diagram of an oscillator circuit which satisfies Barkhausen criteria is shown in Fig. below. If $A = 20 \angle 180^\circ$, then the correct value for feedback factor β is



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(1) $\beta = \frac{1}{10} \angle 0^\circ$

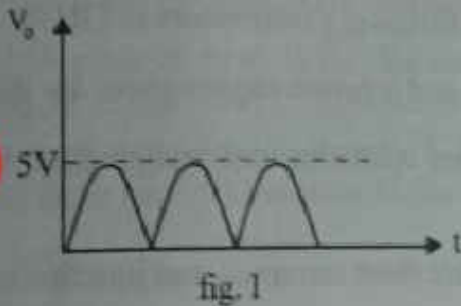
(2) $\beta = \frac{1}{20} \angle 0^\circ$

(3) $\beta = \frac{1}{20} \angle 180^\circ$

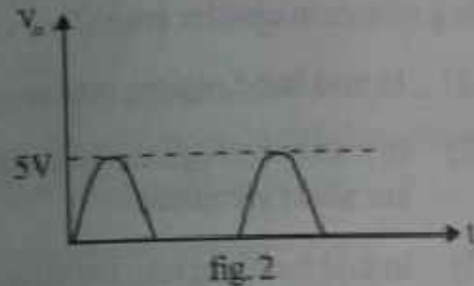
(4) $\beta = 10 \angle 180^\circ$

59. The input and output voltages of a circuit are related by $V_o = |V_{in}|$. Where V_{in} and V_o are input and output voltages respectively. If $V_{in} = 5 \sin(t)$ Volts, then the output waveform is

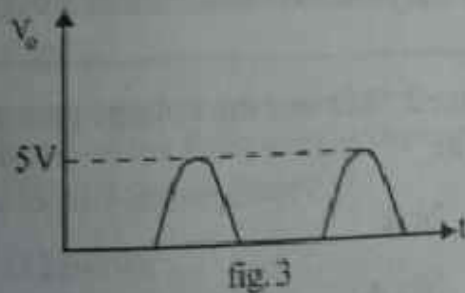
(1)



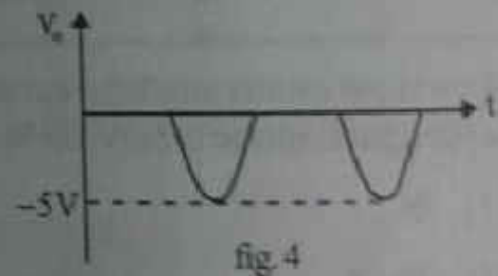
(2)



(3)



(4)



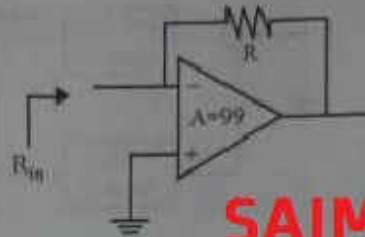
60. For the circuit shown below, what is the input resistance R_{in} seen into the input terminal of an op-amp? The open loop gain of the op-amp is $A = 99$ and is otherwise ideal.

(1) 0

(2) R

(3) $\frac{R}{99}$

(4) $\frac{R}{100}$



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61. For a good regulated power supply, which of the following statements is TRUE.

(1) Input regulation factor should be low and temperature coefficient should be high

(2) Input regulation factor should be low and temperature coefficient should be low

(3) Input regulation factor should be high and temperature coefficient should be high

(4) Input regulation factor should be high and temperature coefficient should be low

62. In a common emitter amplifier, which one of the following statements is TRUE

(1) In mid band region, both coupling capacitors and junction capacitances are short circuited

(2) In mid band region, the coupling capacitors are open circuited and junction capacitances are short circuited

(3) In mid band region, the coupling capacitors are short circuited and junction capacitances are open circuited

(4) In mid band region, both coupling capacitors and junction capacitances are open circuited

63. A common emitter amplifier has an input resistance $2.5\text{k}\Omega$ and the voltage gain of 200. If the input signal voltage is 5mV , the base current will be

(1) 0

(2) $2\mu\text{A}$

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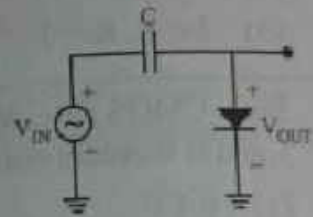
(3) $10\mu\text{A}$

(4) $20\mu\text{A}$

64. In a transistorized Hartley oscillator, the tank circuit has the capacitance of 100pF . The value of inductance between the collector and tapping point is $30\mu\text{H}$ and the value of inductance between tapping point and the transistor base is 10^{-8}H . The frequency of oscillation will be
- (1) 2.9MHz (2) 2.0MHz
 (3) 9.01MHz (4) 4.59MHz

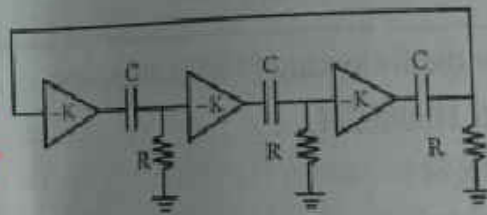
65. The open loop transfer function of an op-amp is modeled as $\frac{10^5}{1 + \frac{s}{30\pi}}$. The bandwidth of the op-amp circuit when used as a voltage follower is approximately _____ Hz.
- (1) 10^4 (2) 10^6
 (3) 10^3 (4) 10^5

66. The output of circuit shown below for an input of 10V peak-to-peak 1kHz sine wave centered around 0V is _____
- (1) 20V peak-to-peak 1kHz sine wave centered around 0V
 (2) 10V peak-to-peak 1kHz sine wave centered around 0V
 (3) 10V peak-to-peak 1kHz sine wave centered around -5V
 (4) 10V peak-to-peak 1kHz sine wave centered around $+5\text{V}$



67. Assuming a negative DC gain $= -K$ for the amplifiers shown below, individual phase shifts needed from each RC section in the circuit shown below to ensure oscillation is _____
- (1) 30°
 (2) 90°
 (3) 60°
 (4) 120°

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68. Which one of the following is the correct signed 2 's complement representation of -14 when stored in an 8 -bit register?
- (1) 11110100 (2) 00001100
 (3) 10001100 (4) 11110010

69. The minimum number of two input NAND gates required to realize

$$f(A, B, C) = AB + BC + CA$$

- (1) 5
(2) 6
(3) 7
(4) 8

70. A 3×8 decoder can be implemented using

- (1) Two 2×4 decoders and one inverter
(2) Two 2×4 decoders and one two input OR gate
(3) Two 2×8 decoders and one inverter
(4) Two 2×8 decoders and one two input OR gate

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71. In master-slave JK flip-flop, the inputs required to change the output Q from logic 1 to logic 0 are ('X' represents a don't care)

- (1) $J = 0, K = X$
(2) $J = 1, K = X$
(3) $J = X, K = 1$
(4) $J = X, K = 0$

72. For a CMOS gate, $V_{OH} = 2.5V$, $V_{OL} = 0.5V$, $V_{IH} = 2V$, $V_{IL} = 0.7V$. Where, subscripts O, I, L and H stand for output, input, low and high respectively. The noise margin would be

- (1) 0.1 V
(2) 0.2 V
(3) 0.7 V
(4) 2V

73. A memory system of size 64K bytes is designed using memory chips which have 12 address lines and 4 data lines each. The number of such chips required to design the memory system is

- (1) 32
(2) 64
(3) 128
(4) 16

74. Consider the following 8085 subroutine

```
LXI H, 0002H
UP: DCX H
    JNZ UP
    MOVA, L
    HLT
```

The contents of accumulator after completion of this program will be

- (1) 00H
(2) 01H
(3) 02H
(4) 03H

75. A 32KB RAM is interfaced to 8085 microprocessor starting from 20FFH. The ending address would be

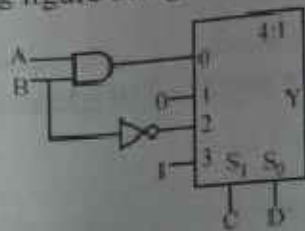
- (1) 40FEH (2) 40FFH
 (3) A0FEH (4) A0FFH

76. An 8 bit successive approximation type analog to digital converter uses a clock frequency of 1MHz. The conversion time of the converter is

- (1) 0.1 seconds (2) $1\mu s$
 (3) $8\mu s$ (4) $10\mu s$

77. The function $L(A, B, C, D)$ in the following figure using a 4:1 multiplexer is given by

- (1) $\Sigma m(0, 1, 2, 3)$
 (2) $\Sigma m(2, 10, 12, 13, 14, 15)$
 (3) $\Sigma m(2, 3, 7, 10, 11, 12, 15)$
 (4) $\Sigma m(3, 8, 10, 12, 13, 14, 15)$



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78. What is the frequency at the output of last flip-flop (LSB) of a 10-bit asynchronous counter when the input clock frequency is 2MHz

- (1) 1953 Hz (2) 1 MHz (3) 1024 Hz (4) 62.5 kHz

79. The reference voltage of an 8-bit linear R-2R ladder D/A converter is 8V. What is the output voltage corresponding to 10001010

- (1) 4.3125 V (2) 5.0624 V
 (3) 1.296 V (4) 0.6328 V

80. The bits b_3 and b_2 of a serial in parallel out left shift register are connected to the serial input through an XOR gate. If the initial state of the shift register is $\{b_3, b_2, b_1, b_0\} = 1100$, the next 7, 4 bit patterns are

- (1) 1000, 0001, 0010, 0100, 1001, 0011, 0110
 (2) 1001, 0011, 0110, 1100, 1001, 0011, 0110
 (3) 0110, 1011, 1101, 0110, 1011, 1101, 0110
 (4) 1000, 0000, 0000, 0000, 0000, 0000, 0000

81. The 'Charminar Cigarette factory' was established in the year

- (1) 1909 (2) 1910 (3) 1924 (4) 1925

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82. Which layer of ISO-OSI reference model is responsible for process-to-process delivery?

- (1) Physical (2) Transport (3) Data link (4) Network

83. Which of the following special symbol allowed in a variable name in C language?

- (1) * (asterisk) (2) | (pipeline)
(3) - (hyphen) (4) _ (underscore)

84. Which class is used for multicast IP addresses?

- (1) Class A (2) Class B
(3) Class C (4) Class D

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85. Find the value of x in $(257)_{10} = (41)_x$?

- (1) 60 (2) 64 (3) 128 (4) 256

86. Find the missing term in the following series:

0, 2, 6, 12, 20, 30, ?, 56

- (1) 36 (2) 40 (3) 42 (4) 44

87. Pointing to a woman in a picture, Amit said, 'Her grand-daughter is the only daughter of my brother'. How is the woman related to Amit?

- (1) Sister (2) Grand-mother
(3) Mother-in-law (4) Mother

88. Find the average of all prime numbers between 30 and 50

- (1) 36.8 (2) 37.8
(3) 38.8 (4) 39.8

89. The salary of Amit is 30% more than that of Varun. Find by what percentage is the salary of Varun less than that of Amit?
- (1) 26.12%
(2) 23.07%
(3) 21.23%
(4) 22.21%

90. Which Rajput king was killed in the second battle of Tarain in 1192 A.D.
- (1) Prithviraj Chauhan
(2) Jayachand
(3) Vikram Rathod
(4) Poornamchand

91. Which Governor General introduced the 'Doctrine of Lapse'?
- (1) William Bentinck
(2) Warren Hastings
(3) Lord Wellesly
(4) Lord Dalhousie

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92. Who was the first women Governor of Independent India after August, 1947?
- (1) Sarojini Naidu
(2) Durga Bai Deshmukh
(3) Duvvuri Subbamma
(4) Vijaya Rani

93. Who was the Chairman of TJAC?
- (1) Sri Kodandaram
(2) Sri Deviprasad Reddy
(3) Sri Bhujang Reddy
(4) Sri Rama Reddy

94. If it rains, I _____ an umbrella
- (1) Will carry
(2) Would carry
(3) Will have carried
(4) Would have carried

95. The report _____ very specific recommendations for policy reform.
- (1) Built
(2) Gave
(3) Made
(4) Took

96. He _____ his undergraduate course in 2017

(1) Completed

(2) Has completed

(3) Had completed

(4) Completes

97. If you are _____, you are not feeling well

(1) Under the weather

(2) On cloud nine

(3) Between the devil and deep blue sea

(4) Under a cloud

98. The famous Buddhist excavation site in Nalgonda district is located at

(1) Phanigiri

(2) Bongir

(3) Jangaon

(4) Yadagirigutta

99. The Navabrahma Temple is located at

(1) Mahboobnagar

(2) Palampet

(3) Alampur

(4) Vemulawada

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100. Battle of Shekharkheda was fought in the year

(1) 1707 A.D.

(2) 1709 A.D.

(3) 1715 A.D.

(4) 1724 A.D.