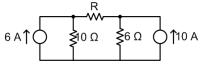
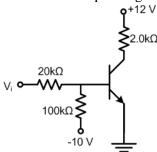
TSNPDCL Assistant Engineer- Electrical 2015 Question Paper

1.	(A) (B)	r winding is provided in 3- phase Prevent hunting only Provide starting torque and e starting torque only Prevent crawling	synchronous motor to: prevent hunting	(C)
2. supply	3 equal	<u> </u>	connected in delta across a 3 phase line voltage V_{RY} is given by:	balanced
3.	The sta (A) (B) (C) (D)	te of charge of the battery is indic Mass Colour Viscosity Specific gravity	eated by the electrolytes:	
4. impeda		has a per unit impedance of 0.6 base of 10MVA and 11kV: 0.121 2.7 0.133 0.9	to a base of 20MVA and 33kV.The	P.U
5. voltage	50Hz.T		with a rated voltage V and rated is $T_{\rm ml}$. If the motor is supplied with n torque would be approximately:	frequency same
6.	In a train (A) (B) (C) (D)	Copper losses in the core Hysteresis losses only Hysteresis and eddy current loss Eddy current losses only	to reduce:	
7. percent	age savi		operating at 200V is raised to 400V.T ed if same power is transmitted o	

- (D) 60
- 8. The voltage across various discs of suspension insulators having identical discs are different due to:
 - Surface leakage currents (A)
 - (B) Series capacitance of lines
 - (C) Shunt capacitance to ground
 - (D) Series and shunt capacitances
- 9. The power dissipated in watts, in the resistor R is:



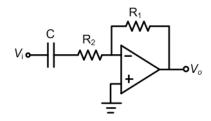
- 36 R (A)
- (B) 0
- (C) 100 R
- 16 R (D)
- 10. Consider the circuit shown in the figure. If the β of the transistor is 30 and the input voltage is +5 V, then the transistor would be operating in:



- (A) Cut off region
- (B) Breakdown region
- (C) Active region
- (D) Saturation region
- 11. A voltage is impressed at the end A of travelling along AB has two components of the wave and x is the distance is true for such a wave:
- travelled. Which of the following

f(t - x/v) and f(t +

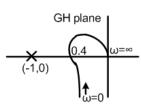
- a long transmission line AB. This voltage x/v) where v is the velocity statements
- f(t x/v) is a backward (A)
- (B) f(t + x/v) - f(t - x/v) is the
- The sum of the two is the total (C)
- f(t + x/v) is a forward (D)
- travelling component total voltage at any time 't'. voltage at time't'
- travelling component
- 12. The following op-amp circuit is:



- (A) Low pass filter with cut off
- (B) Low pass filter with cut off
- (C) High pass filter with cut off
- (D) High pass filter with cut off

The polar plot of a feedback control

system, which is open loop stable with gain K = 1



be:

now if K is doubled, the system will

- (A) Stable with less oscillations in
- (B) Unstable

13.

is given by:

- (C) Stable with more oscillations
- (D) Step response has sustained
- step response

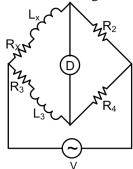
frequency 1/R₂C

frequency 1/R₁C

frequency 1/R₂C

frequency 1/R₁C

- in step response oscillations
- 14. The unknown inductance L_x is measured using Maxwells Bridge shown in figure:



Under balanced conditions R_x and L_x are given by

- (A) $R_x = (R_4/R_2) X R_3$;
 - $L_x = (R_2 / R_4) X L_3$;
- (B) $R_x = (R_2/R_4) X R_3$;
 - $L_x = (R_2/R_4) X L_3$;
- (C) $R_x = (R_2/R_4) X R_3$;
 - $L_x = (R_4 / R_2) X L_3$;
- (D) $R_x = (R_4/R_3) X R_2$;
 - $L_x = (R_4/R_3) X L_3$;
- **15.** If an unsymmetrical line to ground delta/star, ungrounded transformer, then:
 - (A) Zero sequence currents are transformer
 - (B) Zero sequence currents are transformer

fault occurs at the secondary terminals of

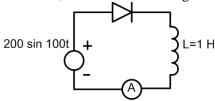
a

present on both sides of the

absent on both sides of the

	(C) the prim (D) the secon	Zero sequence currents are ary side Zero sequence currents are ndary side		present on the secondary side present on the primary side		but but
16.	Peterso (A) (B) (C) (D)	n coil is used for: Shunt compensation of lines Reduce fault currents Grounding of system neutral Connecting interconnected		systems		
17.	HRC fu (A) (B) (C) (D)	Lightning Short circuits Overload Over voltage	against:			
18.		er the 8085 program below: MVI A BB LXI B 2060 H STAX B his program is executed, the OOH, carry flag BB, AC flag OOH, zero flag BB, no flag	content	s of A and the flag which is set,	are:	
19. Out of t	From a the follo (A) (B) (C) (D)	n open circuit test on a transforwing choices which is the most 0.9 unity 0.8 0.4		-	determi	ined.
20.	Princip (A) (B) (C) (D)	le of thermocouple is based on: Thomson effect Peltier effect Seebeck effect Kelvin effect				
21.	(A) PMOSI (B) (C) PMOSI (D)	IGBT and PMOSFET are both IGBT can be designed for		impedance compared to voltage controlled devices higher voltages compared to costly and bigger in size		

22. In the diode rectifier circuit shown, the Permanent Magnet Moving Coil meter will read:



- (A) 1**A**
- (B) 1.414A
- (C) 2A
- (D) 2.814A
- 23. A dummy strain gauge is used in a quarter bridge strain gauge circuit to:
 - Compensate for changes in temperature and lead wire (A) resistance
 - (B) Produce more output voltage from the bridge
 - (C) Increase the sensitivity of the bridge
 - Compensate lead wire resistance only (D)
- 24. LVDT is used to measure:
 - Strain (A)
 - (B) Pressure
 - Flow (C)
 - Displacement (D)
- 25. Slip test is performed to determine:
 - Slip in an induction motor (A)
 - X_d and X_q in a salient pole alternator (B) (C) Synchronous impedance in an alternator
 - Positive and Negative (D) sequence impedances of an alternator
- 26. reduced to 60 km:
- A transmission line of 200 km has a certain A, B, C and D parameters. If the length is
 - (A) A increases, B decreases
 - (B) A and B increases
 - A decreases, B decreases (C)
 - (D) A and B decreases
- 27. Load compensation in power system is a process to:
 - Maintain better voltage profile (A)
 - (B) Increase short circuit capacity of the system
 - (C) Generate required harmonics for loads like arc furnaces
 - Compensate for the line (D) reactance
- 28. A 5A ammeter with 0.3Ω resistance is to be used to measure current in a circuit which draws a current up to 20 A. Then the shunt resistance to be with used along the ammeter:
 - 0.1Ω (A)
 - (B) 0.2Ω
 - (C) 0.3Ω

- (D) 1Ω
- **29.** In a PMMC instrument, the damping provided is:
 - (A) Air damping
 - (B) Fluid damping
 - (C) Eddy current damping
 - (D) Magnetic damping using a
- **30.** Which of the following is true for a bus impedance matrix?:
 - (A) It is sparse
 - (B) It has diagonally dominant elements
 - (C) It is the inverse of the bus admittance matrix(D) Each element of it is the reciprocal of the
 - corresponding element in admittance matrix
- 31. A single phase voltage controller of 220V,50 Hz and a load of 10Ω . For 9 cycles 'on' and 7 cycles 'off', the rms output voltage and input power factor are:

magnet

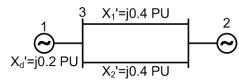
- (A) 170 V, 0.7
- (B) 171 V, 0.78
- (C) 165 V, 0.75
- (D) 180 V, 0.6
- **32.** The range of frequencies used in induction heating is:
 - (A) 0 25 Hz
 - (B) 50 100 Hz
 - (C) less than 200 Hz
 - (D) more than 1 kHz
- **33.** Consider the following statements:
 - (1) Magnetising current in a 1 phase transformer is

sinusoidal

(2) Magnetising currents in the 3 phase supply lines of a 3 –

phase transformer are sinusoidal

- (3) Magnetising current in a 1 phase transformer is non sinusoidal but the induced voltages are sinusoidal
 - (A) (1) and (3)
 - (B) (2) only
 - (C) (2) and (3)
 - (D) (1) only
- **34.** A generator is connected to an infinite bus through a double circuit line as shown.



The admittance matrix Y is given by:

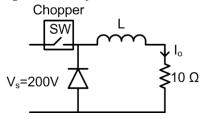
(A)
$$\begin{bmatrix} j5 & 0 & -j5 \\ 0 & j5 & -j5 \\ -j5 & -j5 & j10 \end{bmatrix}$$

(B)
$$\begin{bmatrix} -j5 & 0 & j5 \\ 0 & -j5 & j5 \\ j5 & j5 & -j10 \end{bmatrix}$$

(C)
$$\begin{bmatrix} -j5 & 0 & -j5 \\ 0 & j5 & -j5 \\ -j5 & -j5 & j10 \end{bmatrix}$$

(D)
$$\begin{bmatrix} -j5 & +j10 & j5 \\ j10 & -j5 & j5 \\ j5 & j5 & -j10 \end{bmatrix}$$

- **35.** The supply for arc welding is:
 - (A) High voltage, high current ac voltage
 - (B) Low voltage, low current ac voltage
 - (C) High voltage, high current dc voltage
 - (D) Low voltage, high current ac or dc voltage
- **36.** For the simple chopper circuit shown, the average and rms value of currents for a duty cycle of 0.49, in amps, are (neglect the drop across when ON):



- (A) 9.8, 14
- (B) 14, 9.8
- (C) 20, 28.28
- (D) 14, 18.2
- **37.** In a 2kW, 200V, 1000rpm, DC series motor the torque at full load was found to be 0.3 N-m. The torque at half full load in N-m is:
 - (A) 0.2
 - (B) 0.15
 - (C) 0.075
 - (D) 0.1
- **38.** If Z transform of a^{K} is Z/(Z-a) then the Z transform of Ka^{K} is given by:
 - (A) (kZ)/(Z-a)
 - (B) $(aZ)/(Z-a)^2$
 - (C) (aZ)/(Z-a)
 - (D) $a/Z-a)^2$

39. The open loop transfer function with

G(S) = 1/(S(S+2))

The poles of the closed loop system

are located at

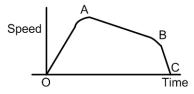
- (A) 0, -2
- (B) 2.46, -4.46
- (C) -1, -1
- (D) -1, -2
- **40.** For using regenerative breaking, the

most suitable motor is:

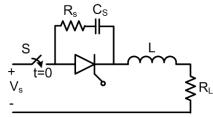
unity feedback is given by,

- (A) DC series motor
- (B) Slip ring induction motor
- (C) Squirrel cage induction motor
- (D) Synchronous motor
- **41.** The speed time curve for an electric represents:

train is shown in the figure. In this, the segment AB



- (A) Accelaration
- (B) Coasting
- (C) Braking
- (D) Regeneration
- **42.** Figure shows a thyristor controlling power in a load resistance R_L . The supply voltage is 240V DC and the limit for di/dt for the SCR is 50 A/ μ sec. The minimum value of L, used for di/dt protection, in μ H is:



- (A) 2.4
- (B) 120
- (C) 1.2
- (D) 4.8
- **43.** A thyrite type lightening arrester:
 - (A) Blocks surge voltage

(B) Absorbs the surge voltage

appearing on a line appearing on a line

(C) Returns the surge back to

source

(D) Offers low resistance path to

surge currents

44. Unit commitment is a procedure in which: Scheduling of total generation (A) is done economically (B) Optimal combination of units in a system is chosen at any given time Most efficient machines are selected for financial economy (C) Most efficient machines are selected for minimum reactive (D) power loss For a single phase full bridge inverter with $V_S = 220 \text{ V DC}$, T = 1 ms feeding a resistiveload, the fundamental component of the load voltage (rms value) in volts is: (A) Accelaration (B) Coasting (C) **Braking** Regeneration (D) 46. The range of 'k' for which the system with the following characteristic equation is stable, is $S^3 + kS^2 + (k+2)S + 3 = 0$: (A) k > 0k > 1(B) (C) -3 < k < 11 < k < 3(D) 47. In a star- Δ connected 3 ϕ transformer, supplied with 11 kV on star side, the line current is 20 A. Per phase turns ratio is 11. The secondary line voltage and line current are: 577 V, 381 A (A) (B) 550 V, 220 A (C) 635 V, 381 A 1 kV, 220 A (D) 48. A short circuit test on a 1ϕ , 4 kVA, 200/400, 50Hz transformer gave following results HV side: 15 V, 10 A, 80 W. The percentage regulation on full load unity power factor is: (A) 2 (B) 4 (C) 1 (D) -2 49. Consider the following statements. Which of these statements are correct?: (1) Reactance relays are preferred for ground fault relaying Impedance relays are most suitable for protecting long (2) transmission lines Mho relays are best suited for long transmission line protection Reactance relays are widely used for protection (4) medium transmission lines All of them (A)

- (B) (1) and (3)
- (C) (2) and (4)
- (1), (2) and (4)(D)
- **50.** Consider the two colomns A and B. In the colomn A different instruments are given. In colomn B certain characteristics of the meters are given. Match items of A with B:

A	В
(1) Moving iron (2) PMMC (3) Energy meter	(i) No control springs (ii) Air damping (iii) Electro magnetic damping (iv) eddy current damping

- (A) (1) - (iv), (2) - (iii), (3) - (ii)
- (B) (1) - (iii), (2) - (ii), (3) - (iv)
- (1) (ii), (2) (iii), (3) (i)(C)
- (D) (1) - (ii), (2) - (iv), (3) - (i)
- 51. A double cage induction motor has better starting and running characteristics because two of the following conditions are satisfied:
 - The inner cage has high (A)

resistance and reactance

(B) The inner cage has low resistance and high reactance

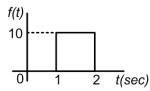
(C) The outer cage has high resistance and low reactance

The outer cage has low (D)

resistance and reactance

They are:

- (2), (4)(A)
- (1), (3)(B)
- (C) (2), (3)
- (1), (4)(D)
- 52. The laplace transform of the function shown in the figure, is:

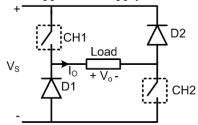


- $10/S e^{-S}$ (A)
- (B)
- (C)
- (D)
- 53. A 5 kW, 220 V, 1500 rpm DC shunt motor runs at 1550 rpm on no load with full voltage applied. If the applied voltage is reduced to 165 V, the speed at which it will run, in rpm is: (neglect armature resistance)

- (A) 1162.5
- (B) 775
- (C) 1200
- (D) 1550
- **54.** In a synchronous generator if the excitation increased from a low value to normal value, with a fixed load:

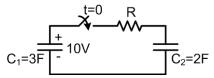
(A)	The armature current increases		and the power		
(B)	The armature current		decreases	and	the
power factor also		decreases			
(C)	The armature current		decreases	and	the
power factor increases but		is lagging			
(D)	The armature current		decreases	and	the
nower factor increases but		is leading			

55. The circuit shown employs 2 choppers to supply the load. This chopper drive is:



- (A) One quadrant drive
- (B) Two quadrant drive
- (C) Three quadrant drive
- (D) Four quadrant drive
- **56.** The speed of a separately excited DC motor is controlled by a 3- φ , semi converter from a 3- φ , 440 V, 50Hz supply. The armature resistance is 1 Ω and motor torque constant of 2 Nm/A. If firing angle is 45⁰, the back emf generated by the motor, for a torque of 50 Nm, is:
 - (A) 460 V
 - (B) 482 V
 - (C) 420 V
 - (D) 333 V
- 57. A separately excited DC motor is energised from a 440 V, 50 Hz, 3ϕ full converter. The input voltage to the motor for a firing angle of 45° , in volts, is:
 - (A) 420
 - (B) 297
 - (C) 390
 - (D) 260
- **58.** According to IE rules 1956, the breaking strength of all conductors of over head power lines shall be:

- (A) not less than 450 kg
- (B) not less than 350 kg
- (C) not less than 250 kg
- (D) not less than 500 kg
- **59.** In the following circuit the switch is closed at t = 0. The total energy lost in the resistor $R = 10 \Omega$ is found to be 60J. If the value of R is reduced to 5Ω , the energy lost in the resistor in joules would be:



- (A) 60
- (B) 30
- (C) 120
- (D) 15
- **60.** In a stack, variable reluctance stepper motor with 12 rotor teeth, the angle which the rotor moves for one pulse excitation is:
 - (A) 12^0
 - (B) 5^0
 - (C) 10^{0}
 - (D) 30°
- **61.** The unit of speed regulation of a governor i:
 - (A) Hz
 - (B) Hz/MW
 - (C) Hz/MVA
 - (D) rpm/MVAR
- **62.** The fundamental component of the single phase full bridge inverter output voltage is $(V_S \text{ is the DC input voltage})$ (A) $V_S/\pi.\sin\omega t$
 - (B) $2V_S/\pi.\sin\omega t$
 - (C) $4V_S/3\pi.\sin\omega t$
 - (D) $4V_S/\pi.\sin\omega t$
- **63.** A Pyrheliometer is an instrument to measure:

(A) Temperature of solar photovoltaic cell

(B) Intensity of direct solar radiation at normal incidence

(C) Intensity of direct solar radiation

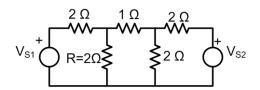
(D) Efficiency of a solar photovoltaic cell

64. When high rate of rise of recovery voltages are expected in networks consisting of generators, transformers, reactors and lines, circuit breakers with shunt resistance are employed. T_C ensure exponential build up to 50 Hz recovery without overshoot, the resistance connected is, (L is the inductance of the line and capacitance from line to ground is C):

- (A) \sqrt{LC}
- (B) LO
- (C) $0.5\sqrt{\frac{L}{C}}$
- (D) $\sqrt{\frac{L}{c}}$
- **65.** If a phase lead compensator has the following transfer function:

G (S) =
$$\frac{K(1+\frac{s}{z})}{(1+\frac{s}{p})}$$
 p, z > 0

- Then,
- (A) z < p
- (B) z > p
- (C) z > Kp
- (D) z > K/p
- **66.** The armature current on symmetrical 3 phase short circuit of a synchronous machine (salient pole):
 - (A) has q axis current only
 - (B) has \hat{d} axis current only
 - (C) both d and q axis currents
 - (D) cannot be divided between q
- and d axis currents
- 67. In the circuit shown the power in resistor R is 8W, when $V_{S1} = 12 \text{ V}$, $V_{S2} = 0 \text{ V}$. Find the power in the same resistor R when $V_{S1} = 12 \text{ V}$, $V_{S2} = 24 \text{ V}$, in watts:



- (A) 16
- (B) 24
- (C) 0
- (D) 32
- **68.** A 500W bulb fitted with a reflector illuminates an area of 2 m X 2 m with an average illumination of 500 lux. The efficiency is of the reflector is 50%. The efficiency of the bulb in lumens/watts is:
 - (A) 8
 - (B) 10
 - (C) 6
 - (D) 12
- **69.** The specified variables at any PV bus for a load flow study are:
 - (A) Real and reactive power
 - (B) Real power and load angle
 - (C) Real power and voltage magnitude
 - (D) voltage magnitude and load angle

	00	01	11	10
00	1	1	0	1
01	0	0	0	0
11	0	0	1	1
10	1	0	1	1

- (A) $\overline{A}\overline{B}\overline{C} + AC + \overline{B}CD + \overline{A}\overline{B}\overline{D}$
- (B) $\overline{A}\overline{B}\overline{C} + AC + \overline{A}BC$
- (C) $\overline{A}\overline{B}\overline{C} + AC + \overline{B}\overline{D}$
- (D) $\overline{A}\overline{B}\overline{C} + AC + \overline{A}\overline{B}\overline{D}$
- **71.** The electrode rod used for welding

(1) To give a vapour to serve as a weld area from

- (2) To protect the arc
- (3) To provide slag to protect the
- (4) To provide better contact with

Which of these statements are

uses a coaching on it:

shielding gas to protect the atmospheric contamination

welded area the base material

correct?

- (A) (1) and (2)
- (B) (2) and (3)
- (C) (1) and (3)
- (D) (3) only
- **72.** A hall with an area of 10 m x 10 m is to be illuminated with 240 lux using 30W CFL bulbs. The lamp maintenance factor is 0.7 and utilisation factor is 0.72. CFL bulb gives 80 lumens / watt. The number of CFL bulbs required are:
 - (A) 5
 - (B) 8
 - (C) 20
 - (D) 30
- 73. In a DC generator the winding of inter
 - (A) In series with the main field same polarity as the main pole
 - (B) In series with the main field opposite polarity as the

rotation

- (C) In series with the armature same polarity as the main pole
- (D) In series with the armature opposite polarity as the main rotation.

poles are connected:

winding, to create a pole of ahead in the direction of winding, to create a pole of main pole ahead in the

direction of

rotation.

winding, to create a pole of ahead in the direction of

winding, to create a pole of

rotation.

pole ahead in the direction of

74. Consider the following statements:

- (1) Step up cycloconverters
- Step down cycloconverters (2)
- Step up or step down (3) commutated for any type of

The correct statements are:

- (A) (1) only
- (B) (1), (3)
- (C) (1), (2)
- (D) (3) only

require forced commutation operate on line commutation cycloconverters can be load

motor has a maximum torque of 10 Nm at 875

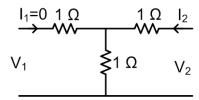
- *75*. A six pole, 3 phase 50 Hz induction rpm. The torque at 5% slip
 - 7.4 Nm (A)
 - (B) 5.2 Nm
 - (C) 7.2 Nm
 - (D) 6.9 Nm
- **76.** A function F(s) could be a driving RL network:

point impedance or Admittance function of an RC or

$$F(s) = \frac{(S+1)(S+3)}{(S+2)(S+4)}.$$

This function can be realised as:

- RL network if F(s) = Z(s)(A)
- RC network if F(s) = Z(s)(B)
- RL network if F(s) = Y(s)(C)
- (D) It cannot be realised either by RL or RC network
- 77. The h – parameter matrix of the network shown is:



load

- (C)
- (D)
- **78.** Which of the following is a cold cathode lamp?:
 - (A) Mercury vapour lamp
 - Sodium vapour lamp (B)
 - Incandescent lamp (C)
 - Neon lamp (D)

79.		e voltage in a circuit breaker is:						
	(A)	In phase with the arc current						
	(B)	Lagging by 90° with an arc Leading by 90° with arc	current current					
	(C) (D)	Lagging by 45° with an arc	current					
	(D)	Lagging by 45 with an arc	Current					
	e ^{-5t} sin1		initial conditions, has an impulse response C y a unit step input, the steady state value of the					
respons		0						
	(A) (B)	1.0						
	(C)	0.5						
	(D)	0.8						
0.1								
81. distance		less technology built in electron	nic gadgets used for exchanging data over short					
distance	(A)	Wi - Max						
	(A) (B)	Bluetooth						
	(C)	Modem						
	(D)	USB						
82.	Who among the following personalities received Bharat Ratna for the year 2015:							
	(A)	Shri Sachin Tendulkar						
	(B)	Shri Bhimesh Joshi						
	(C)	Shri C.N.R Rao						
	(D)	Shri Atal Bihari Vajpayee						
83.	Identify	y the part of the sentence that	has an error:					
	(A)	Television viewers claim that /						
	(B)	The number of scents	<u>depicting /</u>					
	(C)	Alcohol consumption have	increased dramatically /					
	(D)	over the last decade.						
84.	Identify	y the correct spelling from the	option given:					
04.	(A)	quintessence	option given.					
	(B	quintassence						
	(C)	quintesance						
	(D)	quinitessence						
85.		ference between people with	access to computers and the internet and those					
without		cess is known as the:						
	(A)	Digital divide Internet divide						
	(B (C)	Web divide						
	(C) (D)	Cyber divide						
	(2)							
86.	What is	s the name of the India's first	satellite?:					
	(A)	Bhaskara I						

	(C) (D)	Aryabhatta Rohini	
87.	When (A) (B) (C) (D)	was Telangana merged with 1956 1958 1955 1952	Andhra, historically?:
88.	Which (A) (B (C) (D)	of the following is the official Peacock Pegion Sparrow Indian roller	state bird of Telangana :
89.	Which (A) (B) (C) (D)	of the following dynasties Pala Sena Kakatiya Chera	ruled Telangana?:
90.	What v (A) (B (C) (D)	vill be the decimal equivalent 48.625 59.487 48.487 59.625	of (111011.101) ₂ ?:
91.	Bonalu (A) (B (C) (D)	is mainly celebrated in the January and February July and August September and October April and May	period between:
92.	What is (A) Corpor (B) Cooper (C) Corpor (D) Cooper	The South Asian ration The South Asian ration The Southern Asia	Association for Regional Association for Regional Association for Regional Association for Regional
93. interest	was co	usiness men invested Rs 50,000 mpound half yearly for first year will be the total interest earned	with rate of interest at 20 percent per annum. The rand in the neat year it was compound yearly. at the end of three years:

(B

(C)

Bhaskara II

Rs 20,300

(A)

	(B (C) (D)	Rs 49,200 Rs 47,020 Rs 48,010			
94.	Who is (A) (B (C) (D)	the present Chairman / CEO of Mr.Sundar Pichai Mr.Satya Nadella Mr.Cyrus P.Mistry Ms. Indra Nooyi	Google:		
95.	(A) (B (C) (D)	n of $\frac{1}{(32)^{\frac{-1}{5}}} + \frac{1}{(216)^{\frac{-2}{3}}} + \frac{1}{(256)^{\frac{-3}{4}}}$ 1 110 101 102			
96. the und	erlined v	ollowing question, pick up the word in the sentence. thor has perspicuity in his Frankness Bluntness Vivacity Sincerity	choice which is most opposite in style.	meaning	g of
97. squares		s the sum of two consecutive 82 41 42 24	even numbers, the difference between	of w	hose
98.		the appropriate synonym for IUTATION Sneezing Trepidation Hardening	the word given below:		

99. The age of Rajesh differ by 20 year times as old as the Raghu, then their properties (A) 20, 4 with Raghu. If 5 years ago, the age of Rajesh be 5 then their present ages in the years as

Reversal

(D)

- (B
- 25, 5 30, 10 (C)
- (D) 35, 15

- A host computer that wants to communicate with another host computer on an internet sthe following to identify itself: 100. requires the
 - (A) MAC address
 - (B (C) IP address
 - Port
 - (D) Socket