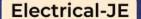
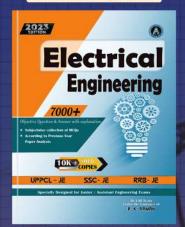


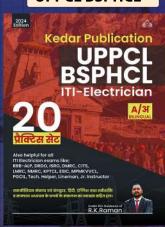
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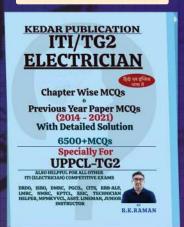




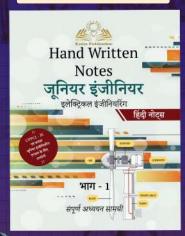
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# **Lucknow Metro Rail Corporation**

Participant ID: Participant Name:

Test Center Name:

ANIKET KUMAR Shambhunath Institute of Management

Test Date:

28/06/2015 1:00 PM - 2:30 PM

Test Time: Subject Name:

Junior Engineer Electrical Engineering

Sect	ion : <b>Technical</b>	
Q.1	A very high head hydro electric plant use	Chosen Option: 3
Opti	1. Kaplan turbine	Shooth Sphott.
	2. Francis turbine	
	3. Pelton wheel	
	4. Propeller turbine	
Q.2	Which of the following is not a bus bar arrangement?	Chasen Option : 2
Opti	1. Ring bus bar	Chosen Option : 2
Olis	2. Duplicate bus bar	
	3. Double bus bar	
	4. Single bus bar	
Q.3	At resonance, inductive reactance is equal to	Observe Outline A
Opti	1. Inductance	Chosen Option : 4
ons	2. Capacitance	
	3. Resistance	
	4. Capacitive Reactance	
Q.4	The starting winding of a single phase motor is placed in	
Opti		Chosen Option : 1
ons		
	2. rotor 3. armature	
	4. stator	
0.5	If residual magnetism is present in a DC generator, the induced e.m.	
Q.0	f. at zero speed will be	Chosen Option : 3
Opti	1. the same as rated voltage	
0113	2. small	
	3. zero	
	4. high	
Q.6	What are Oil switches used for?	Channa Ontion 14
Opti	1. high voltage and large current circuits	Chosen Option : 1
Olis	2. low current supply	
	3. low current circuits	
	4. low voltage circuits	
Q.7	In a DC motor, speed control by varying the armature circuit resista	
Onti	nce provides a:	Chosen Option : 2
ons	1. variable torque drive	
	2. constant torque drive	
	3. constant power drive	
	4. variable power drive	
	An exciter for a turbo generator is a:	Chosen Option : 4
Opti ons	1. series generator	·
	2. compound generator	
	3. separately excited generator	
	4. shunt generator	
Q.9	The single phase induction motor which does not have centrifugal s witch is	Chosen Option : 3
Opti		
ons	1. resistance split single phase IM	
	2. capacitor start single phase IM	

capacitor start capacitor run single phase IM     permanent capacitor run single phase IM	
Q.10 The field coils of DC generator are generally made up of:  Opti ons  1. Mica	Chosen Option : 2
2. Copper 3. Cast Iron 4. Carbon	
Q.11 A motor starter is  Opti ons 1. variable capacitor 2. fixed resistance 3. variable resistance 4. variable inductance	Chosen Option : 3
Q.12 In an A.C. circuit, power is consumed only in  Opti ons 1. capacitor 2. choke 3. inductor 4. resistance	Chosen Option : 4
Q.13 Compounding of steam is done for Opti ons 1. reducing the work done 2. increasing the rotor speed 3. balancing the turbine 4. reducing the rotor speed	Chosen Option : 2
Q.14 Three point starter can be used for:  Opti ons  1. both shunt and compound motor  2. shunt motor  3. series motor  4. compound motor	Chosen Option : 1
O.15 A dynamo is sometimes said to generate electricity. It actually acts as a source of  Opti ons 1. charge 2. magnetism 3. energy 4. emf	Chosen Option : 4
Q.16 The primary to secondary turns ratio of a transformer is 1:2. If primary is connected to 50 Hz supply, then the frequency of secondary supply in Hz is:   Opti ons 1. $2 \times 50$ 2. $3 \times 50$	Chosen Option : 4
3. <sup>2</sup> 4. 50	
Q.17 The gas filled in vacuum filament lamps is:  Opti ons 1. Chlorine  2. Air  3. Nitrogen  4. Argon	Chosen Option : 4
Q.18 An inductor may store charges in its:  Opti ons 1. coils 2. magnetic field 3. electric field 4. electric and magnetic fields both	Chosen Option : 4
Q.19 For the same power output, operating charges are minimum in a:  Opti ons 1. gas turbine plant 2. thermal plant 3. nuclear plant 4. hydel plant	Chosen Option : 4

Q.20 The core of a transformer is laminated to prevent:	
Opti 1 registance to current	Chosen Option : 4
ons 2. rusting of core	
3. increase in weight of transformer	
energy losses due to eddy currents	
Q.21 The range of efficiency for shaded pole motors is	Chosen Option : 1
Opti ons 1. 5% to 35%	
2. 50% to 75%	
3. 80% to 90% 4. 95% to 99%	
Q.22 Hot wire ammeters are used for measuring Opti	Chosen Option : 3
Opti ons 1. neither a.c. nor d.c.	
2. only d.c. 3. only a.c.	
4. both a.c. and d.c.	
Q.23 The mechanical power developed by a DC motor is:	Chosen Option : 2
Opti ons 1. power output × losses	Sheesh Spilon 2
2. back emf × armature current	
3.	
<sub>4.</sub> power input + losses	
Q.24 The rotor of which motor does not have winding on it?	Chosen Option : 2
Opti ons 1. Repulsion motor	
2. Hysterisis motor	
Universal motor     Reluctance motor	
Q.25 If the voltage source is sinusoidal, then the input voltage (r.m.s.) is:	Chosen Option : 2
←8 V → ←14 V → ←10 V →	
00000 I	
~	
Opti 1. 15 V	
2. 10 V	
3. 5 V	
4. 2.5 V	
Q.26 The speed of universal motor is generally reduced by	Chosen Option : 4
Opti ons 1. V belts	
brakes     chains	
chains     d. gear trains	
Q.27 Power output in a motor is 140 W. Input to the motor is 176.84 W inc	
luding losses. Then, the efficiency is:	Chosen Option : 4
Opti ons 1. 74%	
2. 81%	
3. 76% 4. 79%	
Q.28 The overall efficiency of a thermal power plant is equal to:	Chosen Option : 1
Opti 1.  ons Boiler efficiency × Turbine efficiency × Generator efficiency	
2 Carnot cycle efficiency	
Rankine cycle efficiency	

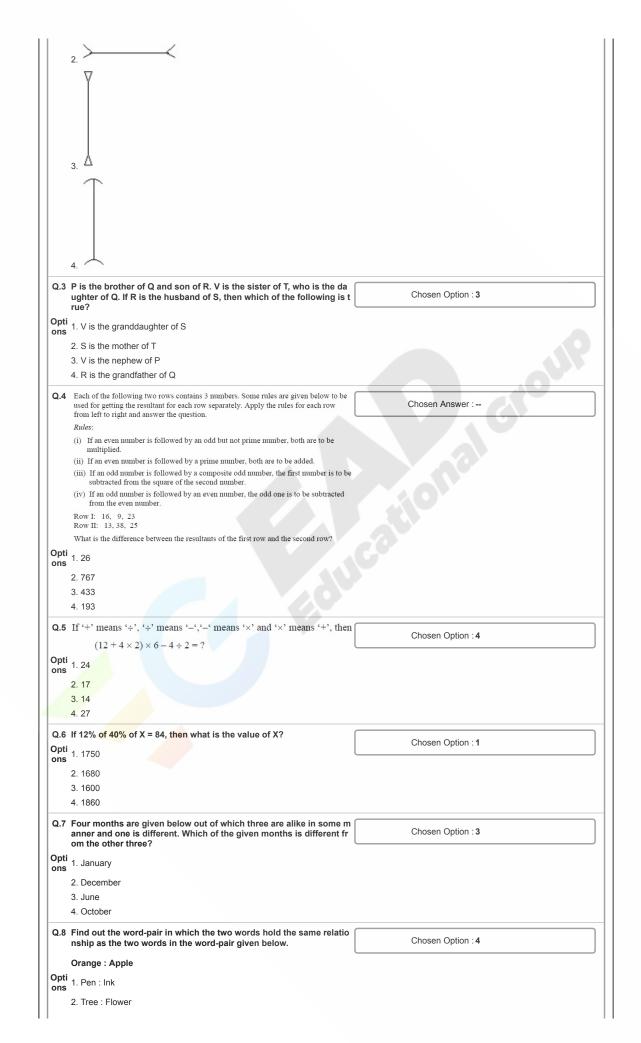
Air used in air blast circuit breaker must:	Chosen Option : 4
Opti ons 1. be ionized	
2. have least CO <sub>2</sub>	
3. have oil mist	
<sub>4.</sub> be free from moisture	
0.30 Unit of resistivity is:	Chosen Option : 2
Opti 1. mho ons	·
2. ohm metre	
<ul><li>3. mho metre</li><li>4. ohm</li></ul>	
Q.31 The ratio of energy produced in a given time to the maximum possi ble energy that can be produced is:	Chosen Option : 4
Opti 1. Load factor	
Plant use factor	
3. Demand factor	
Utilization factor	
0.32 What is the main function of a fuse?	Chosen Option : 4
Opti 1. To protect the line	
2. To save energy	
To open the circuit     To prevent excessive currents	
33 Which of the following is not self starting?	
Opti 1 Squirrel cage induction motor	Chosen Option : 1
2. DC series motor	
Synchronous motor	
Wound round induction motor	
Q.34 Iron losses in DC machines are independent of variations in	Chosen Option : 4
Opti ons 1. speed	
2. speed and voltage	
3. voltage	
4. load	
Q.35 Which of the following coals has the highest calorific value?  Opti 1 Authorite	Chosen Option : 1
ns 1. Anthracite	
2. Bituminous	
3. Peat 4. Lignite	
0.36 Which of the following devices does not work on the principle of mutual induction?	Chosen Option : 2
Opti 1. Tesla Coil	
2. Motor	
3. Induction Coil	
4. Transformer	
0.37 Kirchoff's first and second laws are respectively based on conservation of:	Chosen Option : 3
Opti 1 energy and charge	1877
2. mass and energy	
3. charge and energy	
4. mass and charge	
	Chosen Ontion : 3
Q.38 High tension cables are generally used up to	Chosen Option : 3
	Chosen Option : 3

Q.39   Options	DC motors are used for driving		
ons		ing	Chosen Option : 4
	2. machine tools		
	3. cranes 4. trains		
	Buchholz relay is used on		Chosen Option : 2
ons	1. air cooled transformers		
2	2. oil cooled transformers		
	3. furnace transformers		
	welding transformers		
		DC generator is the resistance of:	Chosen Option : 1
ons	1. field		
2	2. armature		
	3. load		
	4. brushes		
Q.42	Match List I with List II and choos	e the correct answer from the options given below.	Chosen Option : 3
	List I (Machines)	List II (Graphs)	
	i. DC motor	a. circle diagram	
	<ol> <li>ii. DC generator</li> <li>iii. Alternator</li> </ol>	b. V-curve c. open circuit characteristics	
	iv. Induction motor	d. speed torque curve	
Opti	1. $iii - a$ , $iv - b$ , $i - c$		
		ii d	
	2.		
	a. $iv - a$ , $iii - b$ , $ii - c$		
	$\frac{1}{4}$ , iii – a, iv – b, ii – c	c, i − d	
	<ul><li>3. Current depends on design</li><li>4. Progressive wave winding</li></ul>		
	In a DC motor, constant torq	ue is produced due to	Chosen Option : 4
	In a DC motor, constant torq	ue is produced due to	Chosen Option : 4
Opti ons		ue is produced due to	Chosen Option : 4
Opti ons	1. end plates	ue is produced due to	Chosen Option : 4
Opti ons	end plates     rotor laminations	ue is produced due to	Chosen Option : 4
Opti ons	<ol> <li>end plates</li> <li>rotor laminations</li> <li>pole shoes</li> </ol>		
Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in		Chosen Option : 4  Chosen Option : 3
Opti ons Q.45 A Opti ons	end plates     rotor laminations     pole shoes     commutator		
Opti ons Q.45 Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant		
Options  Q.45  Options	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease		
Options  Q.45  Options	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases		Chosen Option : 3
Q.45 Q.46 Q.46 Q.46 Q.46 Q.46 Q.46 Q.46 Q.46	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is	acreases, back e.m.f.	
Opti ons  Q.45 / Opti ons  Q.46 / Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is	ncreases, back e.m.f.	Chosen Option : 3
Opti ons Q.45 Opti ons Q.46 Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectir	ncreases, back e.m.f.  In the second of the	Chosen Option : 3
Opti ons Q.45 / Opti ons Q.46   Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservator	ncreases, back e.m.f.  In the second of the	Chosen Option : 3
Opti ons Q.45 Opti ons Q.46 Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectir 2. located on top of conservato 3. part of circuit breaker install	g transformer and conservator or pump ed near transformer	Chosen Option : 3  Chosen Option : 1
Opti ons Q.45 / Opti ons Q.46   Opti ons Q.46   Opti ons	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservate 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal	g transformer and conservator or pump ed near transformer	Chosen Option : 3
Options  Q.45 (Options)  Q.46 (Options)  Q.47 (Options)	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservate 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal 1. ampere turns	g transformer and conservator or pump ed near transformer	Chosen Option : 3  Chosen Option : 1
Options  Q.45 Options  Q.46 Options  Q.47 Options	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservate 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal	g transformer and conservator or pump ed near transformer	Chosen Option : 3  Chosen Option : 1
Options  Q.45 Options  Q.46 Options  Q.47 Options	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservate 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal 1. ampere turns 2. flux density	g transformer and conservator or pump ed near transformer	Chosen Option : 3  Chosen Option : 1
Options Q.45 Q.46 Options Q.46 Options Q.47 Q.47 Q.47	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservate 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal 1. ampere turns 2. flux density 3. reluctance	ncreases, back e.m.f.  In gransformer and conservator  or pump  ed near transformer  of:	Chosen Option : 3  Chosen Option : 1  Chosen Option : 3
Options Q.45 Q.45 Q.46 Q.46 Q.47 Q.47 Q.47 Q.47 Q.47 Q.47 Q.47 Q.48 Q.48 Q.48 Q.48 Q.48 Q.48 Q.48 Q.48	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservato 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal 1. ampere turns 2. flux density 3. reluctance 4. resistance  Wattless current is possible	ncreases, back e.m.f.  In gransformer and conservator  or pump  ed near transformer  of:	Chosen Option : 3  Chosen Option : 1
Options Q.45 Q.45 Options Q.46 Options Q.47 Q.47 Q.47 Q.47 Q.47 Q.48 Options	1. end plates 2. rotor laminations 3. pole shoes 4. commutator  As the motion of armature in 1. remains constant 2. may increase or decrease 3. increases 4. decreases  Buchholz's relay is 1. connected in pipe connectin 2. located on top of conservato 3. part of circuit breaker install 4. installed inside the breaker  Permeance is the reciprocal 1. ampere turns 2. flux density 3. reluctance 4. resistance	ncreases, back e.m.f.  In gransformer and conservator  or pump  ed near transformer  of:	Chosen Option : 3  Chosen Option : 1  Chosen Option : 3

Q.49 Direct conversion of heat into electrical energy is done by	Chosen Option : 3
Opti 1. stem cells ons	
2. fuel cells	
MHD generators     solar cells	
Q.50 In a conductor, current density is the: Opti	Chosen Option : 1
ons The Guillett Howing per unit area	
2. current flowing per unit volume	
current flowing per unit length     current flowing per unit mass	
Q.51 Which of the following devices is used as lightning arrester?	
Opti 1. Thyratron	Chosen Answer :
Olio	
Thyristor     Triode	
4. Thyrite	
Q.52	
what does the following diagram represent?	Chosen Answer :
Уcc	
v - N	
"v.	
-VEE R1	
<b>≹</b> R <sub>2</sub>	
<b>₹</b> 102	
m	
Options 1. Bistable multivibrator	
2. Astable vibrator	
3. Monostable vibrator	
Schmitt trigger	
Q.53 Demand factor is	
Opti Opti 1. Maximum demand/ Average load	Chosen Option : 4
ons	
Connected load/Maximum demand     Average load/Maximum demand	
Maximum demand/Connected load	
Q.54 No load test on a transformer is carried out to determine	
Opti 1 conner loss	Chosen Option : 4
2. magnetising current	
3. efficiency	
4. magnetising current and loss	
Q.55 An LC circuit cannot produce oscillations, when	Change Assured
Opti ons 1. resistance is low	Chosen Answer :
2. resistance is large	
3. inductance is large	
4. capacitance is large	
Q.56 What does the area under the load curve give?	Chasen Ontion : 2
	Chosen Option : 3
Opti ons 1. Load	
Opti ons 1. Load 2. Maximum demand	
ons T. Load	
2. Maximum demand	
2. Maximum demand 3. Energy consumed	Chosen Option : 2

2. 0	
$_{3.}$ $\mathrm{E_{v}}$ $\mathrm{I_{v}}$ $\cos\Phi$	
$_{4.}~\mathrm{E_{v}}~\mathrm{I_{v}}$	
Q.58 If the speed of rotation of a dynamo is doubled, then the induced e mf will:	Chosen Option : 3
Opti 1. become four times	
2. remain unchanged	
3. become double	
4. become half	
Q.59 Which of the following is used as moderator in nuclear power plant s?	Chosen Option : 4
Opti 1. Graphite	
2. Sodium	
3. Hydrogen	
4. Heavy water	
Q.60 The angle between rotating stator flux and rotor poles is called:	Chosen Option : 3
Opti 1. synchronizing angle ons	
power factor angle     torque angle	
4. obtuse angle	
Q.61 Candela is a unit of:	
Opti 1. Luminous intensity	Chosen Option : 1
2. Power	
3. Lamp efficiency	
4. Frequency	
Q.62 Hunting in a synchronous motor takes place when	Chosen Option : 3
Opti ons 1. power factor is unity	
2. motor is under loaded	
supply voltage fluctuates     load varies	
Q.63 Which DC motors are preferred for elevators?	
Opti 1. Shunt motors	Chosen Option : 2
Cumulative compound motors	
3. Series motors	
4. Differential compound motors	
Q.64 When power is drawn from secondary coil of a transformer, the dyn amic resistance:	Chosen Answer :
Opti 1. decreases	
2. increases	
3. changes erratically	
4. remains constant	
Q.65 In DC machines, fractional pitch winding is used to:	Chosen Option : 1
Opti ons 1. reduce the sparking	
2. increase the generated emf	
improve cooling     reduce copper losses	
2.66 The ratio of starting torque to running torque in a synchronous motor is:	
	Chosen Option : 1
Options 1. 1	
2. 0	
3. <sup>∞0</sup>	
4. 2	
Q.67 A DC motor converts	Chosen Option : 1
Opti ons 1. electrical energy into mechanical energy	οποσεπ Ομασπ. Ι
mechanical energy into electrical energy	

<ul><li>3. magnetic energy into electrical energy</li><li>4. electric energy into magnetic energy</li></ul>	
0.68 A 4 pole DC machine is running at 1500 rpm. What is the frequency of current in armature winding?	Chosen Option : 4
Opti 1. 25 Hz	
2. 100 Hz	
3. 50 Hz 4. 0 Hz	
0.69 Francis and Kaplan turbines fall under the category of:  Opti 1. axial flow	Chosen Option : 4
impulse and reaction combined     impulse turbine	
4. reaction turbine	
0.70 A three phase synchronous motor will have:	Chases Ontion 2
Opti 1. three slip rings	Chosen Option : 3
2. one slip ring	
3. two slip rings	
4. no slip rings	
2.71 The power transformer is a constant	Chosen Option : 3
Opti 1. current device	
power device     main flux device	
4. voltage device	
2.72 Statement 1- Switching of a lamp in a house produces noise in radio Statement 2- Switching operation produces are contact across separating contacts	Chosen Option : 3
Which of the following is correct?	
Opti  1. Both 1 and 2 are correct but 2 is not the correct explanation of 1	
<ul><li>2. 1 is false but 2 is true</li><li>3. Both 1 and 2 are correct and 2 is the correct explanation of 1</li></ul>	
4. 1 is true but 2 is false	
2.73 The speed of DC motor is proportional to the:	Chosen Option : 2
Opti ons 1. square of armature current	
2. inverse of armature current	
armature current     field current	
2.74 Which of the following is not a type of tariff?	
Deti 1. Hopkinson demand rate	Chosen Option : 2
2. Income rate	
3. Flat demand rate	
4. Block meter rate	
2.75 A transformer steps <mark>up or do</mark> wn	Chosen Option : 1
Opti 1. a.c. only	Chosen Option . I
2. a.c. mixed with d.c.	
3. d.c. only	
4. either a.c. or d.c.	
Section : Numerical and logical Reasoning questions	
Q.1 If 'DAUGHTER' is coded as 'SFUIHVBE' in a certain language, then how would 'PROBLEM' be coded as in the same language?	Chosen Option : 4
	•
Opti 1 OSPCMEN	
Opti 1. QSPCMFN 2. NFMCSPQ	
Opti 1. QSPCMFN	
Opti 1. QSPCMFN 2. NFMCSPQ	
Dpti 1. QSPCMFN 2. NFMCSPQ 3. LDKANQO	Chosen Option : 4



Q.9		
	Which number will replace the question mark in the number series below $3,\ 4,\ 13,\ 38,\ ?,\ 168$	Chosen Option : 3
Opti ons	1.63	
UIIS	2.77	
	3. 87	
	4. 102	
Q.10	The first two figures on the left side of the sign '::' are related in a certain way. Th same relationship holds for the second pair of figures on the right side of the sign ':: of which one is missing. Which of the following is the missing one?	
04		
Opti ons	1.	
	2.	
	3. ×	
	^	
	4. A	
Sec	××	
Q.1	4.  ion : Computer Applications  Which of the following is not a Search Engine?	Chosen Option : 3
Q.1 Opti	4. dion : Computer Applications	Chosen Option : 3
Q.1 Opti	4.  ion : Computer Applications  Which of the following is not a Search Engine?	Chosen Option : 3
Q.1 Opti	4.  Which of the following is not a Search Engine?  1. Google 2. Yahoo 3. Facebook	Chosen Option : 3
Q.1 Opti	4.  Which of the following is not a Search Engine?  1. Google 2. Yahoo	Chosen Option : 3
Q.1 Opti ons	4.  Which of the following is not a Search Engine?  1. Google 2. Yahoo 3. Facebook 4. Alta Vista  The CPU of a computer consists of:	
Q.1 Opti ons	4.  Which of the following is not a Search Engine?  1. Google 2. Yahoo 3. Facebook 4. Alta Vista	Chosen Option : 3  Chosen Option : 3
Q.1 Opti ons	4.  Which of the following is not a Search Engine?  1. Google 2. Yahoo 3. Facebook 4. Alta Vista  The CPU of a computer consists of:	
Q.1 Opti ons	4.  Which of the following is not a Search Engine?  1. Google  2. Yahoo  3. Facebook  4. Alta Vista  The CPU of a computer consists of:  1. ALU, control unit and monitor	
Q.1 Opti ons	4.  Which of the following is not a Search Engine?  1. Google  2. Yahoo  3. Facebook  4. Alta Vista  The CPU of a computer consists of:  1. ALU, control unit and monitor  2. ALU, control unit and hard disk	
Q.2 Options Q.2 Options	4.  Which of the following is not a Search Engine?  1. Google  2. Yahoo  3. Facebook  4. Alta Vista  The CPU of a computer consists of:  1. ALU, control unit and monitor  2. ALU, control unit and hard disk  3. ALU and control unit  4. ALU, control unit and registers  Which of the following is both an input and an output device?	
Q.1 Options Q.2 Options Q.3	4.  Which of the following is not a Search Engine?  1. Google 2. Yahoo 3. Facebook 4. Alta Vista  The CPU of a computer consists of:  1. ALU, control unit and monitor 2. ALU, control unit and hard disk 3. ALU and control unit 4. ALU, control unit and registers	Chosen Option : 3
Q.1 Options Q.2 Options	4.  Which of the following is not a Search Engine?  1. Google  2. Yahoo  3. Facebook  4. Alta Vista  The CPU of a computer consists of:  1. ALU, control unit and monitor  2. ALU, control unit and hard disk  3. ALU and control unit  4. ALU, control unit and registers  Which of the following is both an input and an output device?	Chosen Option : 3
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Q.1 Options Q.2 Options Q.3 Options	4.  Which of the following is not a Search Engine?  1. Google  2. Yahoo  3. Facebook  4. Alta Vista  The CPU of a computer consists of:  1. ALU, control unit and monitor  2. ALU, control unit and hard disk  3. ALU and control unit  4. ALU, control unit and registers  Which of the following is both an input and an output device?  1. Touch screen  2. LCD projector panel  3. Audio cards  4. Modem  Criterion used for judging appropriateness of tool software is:  1. Scalability  2. Compatibility  3. Security	Chosen Option : 2

2. Android	
3. Ubuntu	
4. Amoeba	
Q.6 Which one of the following decimal number is equivalent to (10000010) <sub>2</sub> ?	
	Chosen Option : 2
Opti ons 1. 200 <sub>10</sub>	
<sub>2</sub> 130 <sub>10</sub>	
3. 1010 <sub>10</sub>	
4. 30410	
4	
Q.7 In a spreadsheet, one function inside another is called:	Chosen Answer :
Opti ons 1. Sum	Chosen Answer
ons 2. Text	
3. Round	
4. Nested	
Q.8 Which of the following is not a part of the Office Suite?	Chosen Answer :
Opti ons 1. Image editor	
2. Database	
3. Word processor	
4. File manager	
Q.9 A program in execution is called:	
Onti	Chosen Answer :
ons 1. Function	
2. Process	
3. Procedure	
4. Instruction	
Q.10 A shared network within an organisation to provide connectivity to t	Chasen Ontion 14
he staff is called:	Chosen Option : 4
Opti ons 1. Intranet	
2. Extranet	
3. Delnet	
4. Internet	
Section: GK / Awareness	
Q.1 Which of the following payment instruments is known as plastic mo	
ney?	Chosen Option : 3
Opti ons 1. Bearer Cheques	
2. Gift Cheques	
3. Credit Cards	
4. Demand Drafts	
Q.2 Who advises the centre on legal matters?	Chosen Option : 2
	Chosen Option : 2
Q.2 Who advises the centre on legal matters?  Opti 1 Chief Justice of India	Chosen Option : 2
Q.2 Who advises the centre on legal matters?  Opti ons 1. Chief Justice of India	Chosen Option : 2
Q.2 Who advises the centre on legal matters?  Opti ons 1. Chief Justice of India 2. Attorney General of India	Chosen Option : 2
Q.2 Who advises the centre on legal matters?  Opti ons  1. Chief Justice of India 2. Attorney General of India 3. President of India 4. Advocate General of india	Chosen Option : 2
Q.2 Who advises the centre on legal matters?  Opti ons 1. Chief Justice of India 2. Attorney General of India 3. President of India	Chosen Option : 1
Q.2 Who advises the centre on legal matters?  Opti ons 1. Chief Justice of India 2. Attorney General of India 3. President of India 4. Advocate General of india  Q.3 Prime Minister Narender Modi has recently launched the "Give It U p" Campaign for voluntarily giving up which of the following?  Opti 1. LPG Subsidy	
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Q.2 Who advises the centre on legal matters?  Opti ons  1. Chief Justice of India 2. Attorney General of India 3. President of India 4. Advocate General of india  Q.3 Prime Minister Narender Modi has recently launched the "Give It U p" Campaign for voluntarily giving up which of the following?  Opti ons  1. LPG Subsidy 2. Drugs 3. Plastics 4. Ration  Q.4 Which Mughal ruler was on the throne of India when East India com	Chosen Option : 1
Q.2 Who advises the centre on legal matters?  Opti ons  1. Chief Justice of India 2. Attorney General of India 3. President of India 4. Advocate General of india  Q.3 Prime Minister Narender Modi has recently launched the "Give It U p" Campaign for voluntarily giving up which of the following?  Opti ons  1. LPG Subsidy 2. Drugs 3. Plastics 4. Ration  Q.4 Which Mughal ruler was on the throne of India when East India com pany was permitted to establish a factory at Surat?	
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Opti 1. Lungs ons

2. Brain
3. Heart
4. Stomach