PMC PAID PRACTICE TEST 02 SOLVED

CHEMISTRY

Q.1	Suppression of ionization means	
	A. Decreasing Ionization	B. Increasing Ionization
	C. Maintaining Ionization	D. None of these
Q.2	an element or its compound is first _	to get its spectrum by
	spectrometer	41
	A. freezed, continuous	B. freezed, line
	 C. volatilized, line 	D. volatilized, continuous
Q.3	is a macromolecule found in b	land
	A. Hemoglobin	B. plasma
	C. creatinine	D. plasmids
Q.4	[Fe (CN) ₆] ⁴⁻ is called as2/	
	A. Complex compound	B. Transition element ion
	C. Anion	D. Complex anion
Q.5	Allotropes are of same	
	A. Compounds	B. Molecules
	C. Ions	D. Element
Q.6	How many products of mono-substitu	uted benzene are possible?
	A. Two	B. One
	C. Three	D. None of these
Q.7	Which of the following forces have no relation with valence electrons?	
	A. Ionie Bond	B. Chemical bond
	C. Intermolecular forces	D. Intramolecular forces
Q.8	Electrode Potential is developed when	n a metal is dipped into
	A. An Acid	B. A base
	C. In its own ions	D. Water
Q.9	The unit of electronegativity is	
	A. loule	B. Kilojoules
	C. watt	D. no unit
Q.10	Which of the following give silver min	
	A. Butanal	B. Methanal
	C. Ethanal	D. All of these
Q.11		
	A. Water, Alcohol, Ether	B. HCl, HBr, HI
	C. Bromine water	D. All of these
Q.12		n a table, what will be the system in this
	case?	

	A. Water	B. Water in cup
	C. Whole table	D. All of these
Q	.13 Alkali metals group lies in?	
	A. d-block	B. s-block
	C. f- block	D. P- block
Q.	14 Kinetic Energy is the sum of	
	A. Rotational & Vibrational	B. Translation & Rotational
	C. Rotational, Vibrational and Transla	D. All of these
Q.	15 In NaCl crystal, chloride ions prese	nt at the face center are distributed in
	A. One Unit Cell	B. 8 Unit cells
	C. 4 Unit cells	D. 2 Unit cells
Q.1	16 Actual yield is always less than theo	retical yield due to
	A. Operational losses	B. reaction reversibility
	C. side reaction	D. all of these
Q.1	7 Legumine & collagen protein are pr	resent in which type of body tissues:
	A. Cardiac	B. Epithelial
	C. Connective	D. Epidermis
Q.1	8 The increase in size of an anion is du	ue to increase in repulsion of
	A. electron-proton	B. electron-electron
	C. electron-nucleus	D. proton-nucleus
Q.19	9 Graphite has a structural similarity	with
	A. B ₂ H ₆	B.B.C
	C. B	D. BN
Q.20	The order of reaction for which half	-life is inversely proportional to the
	concentration of reaction is	
	A. Second Order	Br Zero Order
	C. First Order	D. Third Order
Q.21	SN ₁ reaction is a?	
	A. Multistep reaction	B. Two step reactions
	C. Concerted reaction	D. 3 step reaction
Q.22	The unhybridized p orbitals of benze	ne are present in the form of?
	A. Between the C-C bonds of benzene	
	 B. Above and below the carbon bonds 	
	C. In the form of cloud above and below	w the benzene ring
	D. None of these	
Q.23	What is the color of silver acetylide, A	AgC≡CAg?
	A. Red	B. White
	C. Brown	D. Pinkish
Q.24	Non polar covalent bond is formed b/	w
	A. homonuclear diatomic molecules	B. heteronuclear diatomic molecules
	C. similar atoms	D. dissimilar atoms
Q.25	In a pressure cooker, boiling point of	
	Transfer and transfer and transfer and	

	A. Raised than the normal	B. Lower than the normal
	C. Lower than the freezing point	D. All of these
Q.26	A polymer called Bakelite is formed by re	eaction of phenol with
	A. hydrogen	B. ethers
	C. carboxylic acid	D. formaldehyde
Q.27	The temperature at which one crystalline	form changes to other is called
	_temperature	
	A. critical	B. absolute
	C. transition	D. none of these
Q.28	Fuels with higher octane number can be	produce by?
	A. Cracking	B. Reforming
	C. Decomposition	D. Isomerisation
Q.29	Which one of them is used as an automol	olle antifreeze
	A. Ethanol	Brethene
	C. ethylene glycol	D. propene
Q.30	How meta directing groups affect the Ele	etrophilic substitution of benzene ring?
	A. Increase electron density at ortho, para po	osition
	B. Decrease electron density at ortho and pa	ara positions
	C. Make benzene less reactive	
	D. Both B and C	
Q.31	In case of HOCH-CH-CH-COOH, from	were numbering is started ?
	A. OH group is given number 1	
	B. Carboxylic acid is given Number 1 posit	ion
	C. COOH is given number 3 position	
	D. COOH is given number 4 position	
Q.32	vapor pressure is measured by calculatin	g difference in liquid pressure and
	A. mercury pressure	B. glass pressure
	C. atmospheric pressure	D. container pressure
Q.33	Rate constant is denoted by?	
	A. k	B. kr
	C. kv	D. ks
Q.34	Which of these have a positive value of er	nthalpy?
	A. Combustion	B. Neutralization
	C. Atomization	D. All of these
Q.35	Instantaneous dipole is produced when _	?
	A. Two polar molecules come closer	
	 B. Two non-polar molecules comes closer 	
	 C. Polar and nonpolar molecule comes clos 	er
	D. All of these	
Q.36	How will the conditions be changed to pr	event the volume of the given gas from
	expanding when its mass is increased	
	 A. Temperature and pressure increased 	

	B. Temperature is lowered and pressure decreased		
	C. Temperature and pressure increased		
	D. Temperature is lowered and pressure increased		
Q.37	In Lucas test, tertiary alcohols form oily	layer of alkyl halid?	
	A. On heating	B. Immediately	
	C. After 5-10 minutes	D. After 20 minutes	
Q.38	Water is considered as a Universal solver	it because of which properties?	
	A. Polar nature of water	B. H-bonding	
	C. Electronegativity difference	D. All are correct	
Q.39	Which one of the following enthalpy char		
	A. Enthalpy of combustion	B. Enthalpy of solution	
	C. Enthalpy of formation	D. Enthalpy of atomization	
Q.40	Octane number of n-heptane is		
	A. 0	B-100	
	C. 40	D. 98	
Q.41	Which of the following is not aromatic?		
	A. Anthracene	B. Naphthalene	
	C. Phenol	D. None of these	
Q.42	Which of the carboxylic acid is used in m		
	A. formic acid	B. acetic acid	
	C. benzoic acid	D. amino acid	
Q.43	The formula for calculating electron in st	ubshells or sub energy levels is	
	A. 21+1	B. 2(I+1)	
	C. 2(2l+1)	D. 2(21-1)	
Q.44	When two atoms bonded to form a stable	compound, the attractive forces will	
	repulsive forces and the potential ener	gy of the system will be	
	A. recessive, higher	B. dominate, minimum	
	C. dominate maximum	D. recessive, lower	
Q.45	What is the value of molecularity and or	der of SN ₁ reactions?	
	A. 2,1	B. 1,1	
	C. 0,1	D. 0,2	
Q.46	What will be density of CH4 at C and 1 a	tm	
	A. 7138 g/cm ³	B. 0.7138g/dm ³	
	C. 0.7138g/cm ³	D. 71.38g/dm ³	
Q.47	Fused Bauxite is electrolyzed to get		
	A. Sodium	B. Magnesium	
	C. Aluminum	D. Iron	
Q.48	Which of the following alkyl halide is mo	st reactive towards Mg atom?	
	A. Alkyl bromide	B. Alkyl fluoride	
	C. Alkyl chloride	D. Alkyl iodide	
Q.49	Boiling point of hydrides of 4th period is	larger than?	
	A. 5th period	B. 3rd period	

	C. 6th period	D. 7th period	
Q.50	sodium-11 has electronic configuration		
	A. [He] ² s ¹	B. [Ne] ³ s ¹	
	C. [Ne] ³ s ²	D. [He] ² s ²	
Q.51	When are the prefixes ortho, para, and p	para used?	
	A. In alkynes to identify the position of trip	ele bond	
	B. In arenes to identify the position first sul	bstitution	
	C. In arenes to identify the position second	substitution	
	 D. In all hydrocarbons to identify the positi 	on functional group	
Q.52	Which of the following is an example of a	aromatic carboxylic acid?	
	A. Ethanoic acid	B. Butanoic acid	
	C. Adipic acid	D. Phthalic acid	
Q.53	If Kp and Kc have same values Δn will b		
	A. Maximum	B-Minimum	
	C. Zero	D. Negligible	
Q.54	Which is sold as fertilizer		
	A. CaSiO ₃	B. Na ₂ SiO ₃	
	C. Ca ₃ (PO ₄) ₂	D. MnSiQs	
Q.55	Calculate mass in grams of 8.694 moles of		
	A. 1417.53g	B. 2399.544g	
	C. 3456.78g	D. 1231.98g	
	BIOL	OGY	
Q.56	The process of determining the locus for	particular biological traits includes?	
	A replication	B. recombination	
	C. gene mapping	D, none of these	
Q.57	The attraction between water molecules	and cell wall of xylem is termed as:	
	A. cohesion	B. tension	
	C. adhesion	D. imbibition	
Q.58	Gametes in animals are produced by whi		
	A. mitosis	B. meiosis	
	C. fission	D. all of these	
Q.59	A neural pathway that controls an action		
	A. Nerve cell	B. reflex arc	
	C. Receptor cells	D. Mixed nerve	
Q.60	Who discovered the bacteria causing tub	-	
	techniques of media preparation and ma	A CONTRACTOR OF THE CONTRACTOR	
	A. Robert Koch	B. Louis Pasteur	
00	C. Alexander Fleming	D. leeuwenhoek	
Q.61	The ability to pass on genes is defined as	_	
	A. Differential reproduction	B. Evolution D. Fitness	
	C. Natural selection	D. Pittless	

Q.62	The first actin spectrum was obtained by	?
	A. T.W.Engelmann	B. Malleus
	C. T W Inws	D. W Stapes
Q.63	Pancreatic zymogens are only activated v	vhen they reached at?
	A. stomach	B. pancreas
	C. small intestine	D. large intestine
Q.64	Proteins and lipids are converted into gly	colipids and glycoproteins by adding
	carbohydrates by?	
	A. ribosomes	B. cytoplasm
	C. golgi apparatus	D. endoplasmic reticulum
Q.65	What is the color of Xanthophyll pigmen	1? (
	A. Yellow	B. Red
	C. Orange	D. Green
Q.66	What type of atom is a carbon atom2	
	A. Divalent	B. monovalent
	C. trivalent	D. tetravalent
Q.67	The spinal cord is part of:	
	A. brain	B. Central nervous system
	C. peripheral nervous system	D. somatic division
Q.68	Which one of the following is most likely	
	A. He produces eggs	B. His shoulders broaden.
	C. The colour of his eyes change.	D. None of these
Q.69	The best function of coclom is described	45
	A. To increase the size of the animals	
	B. To help in the functioning of reproductive	
	C. To provide space for the development of	organs and systems
	D. all of these	
Q.70	What structure marks the separation bet	
	A. I band	B. H zone
:	C. A band	D. Z line
Q.71	Number of substrate molecules converted	
	enzyme active site per unit time is called?	
	A. turnover number	B. substrate number
	C. reaction number	D. none of these
Q.72	Icosahedral Viruses have how many face	
	A. 20	B. 30
	C. 10	D. 40
Q.73	Ribonucleoprotein particles are the name	
	A. RNA	B. DNA
0.71	C. Nucleus	D. Eukaryotic ribosomes
Q.74		
	A. shape	B. origin

	C. function	D. size
Q.75	Where does the dark reaction of photosynthesis takes place?	
	A. Thylakoid	B. Grana
	C. Stroma	D. all of these
Q.76	Which of the following is not vestigial or;	gan of man?
	A. appendix	B. coccyx
	C. both a and b	D. none of these
Q.77	Which of following system is segmentally	arranged in annelids?
	A. excretory system	B. digestive system
	C. circulatory system	D. neryous system
Q.78	An activated enzyme made of polypeptid	e chain and a cofactor is?
	A. substrate	B. coenzyme
	C. apoenzyme	D. holoenzyme
Q.79	Which of these is the functional unit of lu	ings2
	A. alveoli	B. bronchioles
	C. air-sac	D. bronchi
Q.80	How many pairs of homologous chromos	omes are present in Pisum sativum?
	A. 5	B. 6
	C.7	D. 8
Q.81	What type of virus is the smallpox virus?	
	A. DNA enveloped virus	B. RNA enveloped virus
	C. DNA virus	D. RNA naked virus
Q.82	The spermatic cord and spermatic duct a	re?
	A. the same	B. different
	C. same in function	D. same in location
Q.83	One of these animals is a prototherian.	7
	A. Alligator	B. Penguin
	C. Porcupine	 D. Spiny anteater
Q.84	Chlorophyll b is found in which organism	ns?
	A. Green plants	B. green algae
	C. Animals	D. both A and B
Q.85	There is no vaccine against HIV, what is	the possible reason?
	A. the virus is highly mutated	
	B. the vaccine is too expensive	
	C. the virus can be controlled through change	ge in hygiene
	D. none of these	
Q.86	Thymus is found in human body in	
	A. in the medulla oblongata	
	B. in the mediastinum of the upper thorax	
	C. both A and B are correct	
0.07	D. None of these	
Q.87	When a muscle fibre shortens, the follow	ing also shortens:

B. Sarcomere A. actin filament C. Both A and B are correct D. myosin Q.88 Which of the following is an ovoviviparous organism? B. mammals A. reptiles D. Duckbill platypus C. frog Q.89 Which among the following defines GPI anchored proteins? A. Integral proteins of the plasma membrane B. Proteins that bind to ion-gated channels in the plasma membrane C. Proteins which randomly bind to lipids of the plasma membrane D. Peripheral proteins of the plasma membrane Q.90 True breeding variety is produced by which of the following? B. Self-fertilization A. Cross fertilization C. both a and b D none of these Q.91 Which of the following is an example of superficial reflexes? B. Knee jerk A. ankle jerk C. abdominal reflex D. Both A and B Q.92 What is the least common electron transport chain? A. non-cyclic electron flow B. cyclic electron flow D. both b and c C. circular electron flow Q.93 What is the length of sphual cord? B. 20-30cm A. 10-20 cms D. 60-90 cm C. 40-50cm Q.94 In sponges fertilization takes place in which of the following? A Ecfoderm B. Endoderm C. Uterus D. Mesenchyme Q.95 Which statement correctly describes the alimentary canal of hydra? A. The alimentary canal is formed from the endodermal cells. B. The alimentary canal has a single opening. C. The alimentary canal is sac like. D. All of the above. Q.96 What is the final product of the krebs cycle? A. malate B. succinate C. oxaloacetate D. fumarate Q.97 Chlorophyll molecule contains which ion as a central metal ion? A. Fe2+ B. Zn2+ C. Cu2+ D. Mg²⁺ Q.98 Nontoxic vitamins include which of the following? A. vitamin c B. vitamin b C. both a and b D. none of these Q.99 All of the following are continuously varying traits except? A. Kernel colour in wheat B. Skin colour in humans

	C. Height in humans D. To	ngue rolling in humans
Q.100	Which of the following is a unique characteristic	of prokaryotic cells?
	A. Lack of a cytoplast	
	B. Presence of a cell wall	
	 C. Inability to create proton gradients 	
	D. mRNA translation simultaneous to transcription	
Q.101	Which bond provides stability to complex carbo	hydrate molecules?
	A. C-H	B. C-N
	C. C-O	D. C-C
Q.102	The number of water soluble vitamins is?	4.
	A. 3	H. 6
	C.9	D. 12
Q.103	What is the approximate value of the active mer	
	A. 0.07V	B50 mV
	C. 0.05 V	D. Both a and b
Q.104	If we add more substrate to already occurring e	CONTROL OF THE PARTY OF THE PAR
	affect on the rate of reaction, the process is calle	
	A. denaturation	B. saturation
0.105	C. composition	D. inhibition
Q.105	The number of stages involved in heart beat is A. 2	
	C.4 41	B. 3 D. 5
O 106	Purple non-sulphur bacteria is an example of w	The state of the s
Q.100	A. Heterotrophic bacteria	B. Saprotrophic bacteria
	C. Chemosynthetic bacteria	D. Photosynthetic bacteria
O.107	Which of the following types of bacterial reprod	
	A. transduction	B. transformation
	C. binary fission	D. conjugation
Q.108	Saponification number describes	
	A. Unsaturation in fat B. Average m	olecular weight of fatty acid
	C. Acetyl number D. Acid numl	ber
Q.109	Who proposed starch sugar hypothesis?	
	A. Sager	B. Dixon
	C. Mohi	D. Drebs
Q.110	Which statement best describes the Hardy-Weir	iberg principle?
	A. Recessive alleles eventually disappear in large p	populations.
	 Expected frequencies of alleles are impossible to 	•
	C. Dominant alleles become more prevalent in larg	
	D. When there is a large population, the mechanism	n of inheritance does not change
4.1	allele frequencies.	
Q.111		
	A. assembly B. une	coating

C. integration D. maturation Q.112 The epididymis, vas deferens, and urethra are a series of ducts found in which body system? A. Endocrine B. Lymphatic C. Digestive D. Male reproductive Q.113 The optimum pH for the functioning of the enzyme pepsin is? C. 4 D. 5 Q.114 What is the name of the region where double-stranded single circular DNA is found in the prokaryotic cell? B. Nucleus A. Proton Nucleus D. Nucleoid C. Nucleoplasm Q.115 Which condition can be explained by Lamarckism? A. How giraffes got their long neck B. How humans lost their tail C. How humans became bipedal D. all of these Q.116 The idea that opposed the idea of abiogenesis was proposed by? A. Robert Hooke B. Robert brown C. rudolph Virchow D. lorenz oken Q.117 The canal system in sponges develops due to which of the following? B. Gastrovascular system A. Porous walls C. Reproduction D. Folding of inner walls Q.118 Which of the following is known as a bony joint? A. synostosis B. symphysis C. Syndesmosis D'interosseous membrane Q.119 Which of the following is not a true characteristic of spermatogonia? A. They develop into primary spermatocytes through mitosis B. They are undifferentiated C. They are germ line cells D. They are haploid O.120 The brain that coordinates skeletal muscle movements is: A. Thalamus B. Amygdala C. Hypothalamus D. Cerebellum Q.121 Which type of cell would be the most appropriate for the study of chloroplasts? A. conducting cell B. pericycle cell C. photosynthetic cell D. all of these Q.122 What are the end products of the ETC in animals? A. ATP B. carbon dioxide C. water D. both a and c Q.123 During transport of carbon dioxide, blood does not become acidic due to: A. Blood buffer B Neutralization of H₂CO₃ by Na₂CO₃

C. Absorption by leukocytes

D. Non-accumulation



Q.124 Centrifuge is used to purify

A. U

B. H

C.O

D. N

Q.125 The speed v of the waves in the string depends upon the tension F of the string and m, the mass per unit length of the string. It is given by

 $A \cdot v^2 = F/m$

B. v = F/m

C. $v \times m = F$

D. $v = F \times m$

Q.126 Momentum of a photon is

A. 0

B.a

C. hf/c

D. my

Q.127 The SI Unit for resistance is?

A. Ohm

B. Ampere

C. Watt

D. Volts

Q.128 The displacement has_

A. magnitude only

B. direction only

C. magnitude and direction

D. no unit

Q.129 The mutual induction happens in

A. AC generator

B. DC generator

C. Battery

D. Transformer

Q.130 During the circular path in magnetic field, what is the magnetic force

A. F=Ob

$$B. F = qB^2$$

CAF = qB/v

D. F = qvB

Q.131 Non-inverting amplifier-circuits have

A. A very high input impedance

B. A very low input impedance

C. A low output impedance

D. None of the above

Q.132 What will happen in a time of 7 hours, if a radioactive substance has an average life of 7 hours?

A. Half of the active nuclei decay

B. Less half of the active nuclei decay

C. More than half of the active nuclei decay

D. Total nuclei decay

Q.133 Electric power is

A. Rate of electric work done per unit time

B. Voltage per unit time

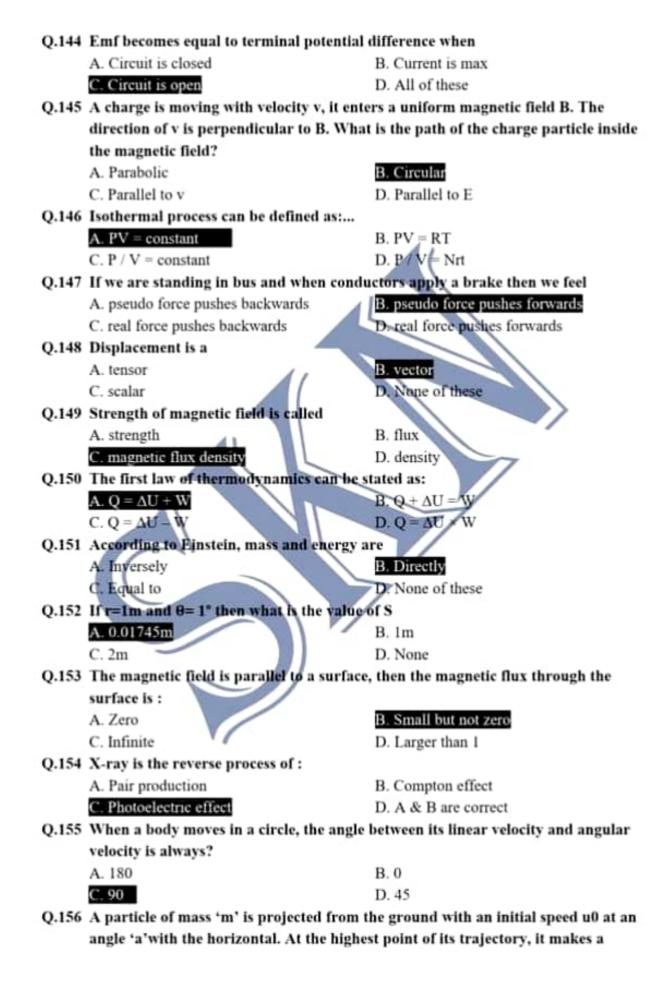
C. Electric charge per unit time

D. Current per unit time

Q.134 A longitudinal wave is moving through a medium. Which of the following statements about direction of propagation of wave and displacement of the medium is true?

A. Displacement of medium = parallel to the energy transfer direction of propagation of wave = parallel to the energy transfer

	B. Displacement of medium = p	arallel to the energy transfer direction of propagation
	of wave = perpendicular to the e	nergy transfer
	C. Displacement of medium = p	erpendicular to the energy transfer direction of
	propagation of wave = parallel to	o the energy transfer
		erpendicular to the energy transfer direction of
	propagation of wave = perpendic	•
0.135		ed to an ordinary two diode full wave rectifier
	because	
	A. It needs much smaller transfe	ormer for the same output
	B. No center tap required	•
	C. Less PIV rating per diode	1
	D. All of the above	
Q.136	Ohm's law is valid when the to	emperature of conductor is :
	A. Very low	B-Very high
	C. Varying	D. Constant
0.137	Mass and energy are related to	
	A. Newton's law	B. Einstein law
	C. Coulomb law	D. All of these
O.138	The nuclear forces are conside	
	A. Strong force	B. Weak force
	C. Electromagnetic force	D. All of these
O.139	Allocation /	ualities, is not affected by the magnetic field?
	A. Moving charge	B. Charge in magnetic flux
	C. Current flowing in conductor	A CONTRACTOR OF THE PROPERTY O
Q.140		showing the direction of propagation of light is
	called;	
	A. Tangent	B. Radius
	C. Wavelength	D. Ray of light
Q.141		s of a gas in a container. Then number of moles
	can be calculated as:	/
	A. N + NA	B. NA N
	C. N NA	$D. N \times NA$
Q.142	Consider a car is travelling for	one hour. In which of the following cases the
	average velocity is zero?	
	A. Car travels 20 km due east	
	B. Car travels 60 km due east, th	en turns around and travels 40 km due west
	C. Car travels 70 km due east	
	D. Car travels 30 km due west, t	hen turns around and travels 30 km due east
Q.143		to convert 50Hz AC into DC, then the number of
	pulses present in rectifier volta	
	A. 25	B. 50
	C. 100	D. 75



vertically upward from the ground with the same initial speed u0. The angle that the composite system makes with the horizontal immediately after the collision is A. 37° B. 45°-a C. 45°+a D. 90° Q.157 Three objects are brought close to each other, two at a time. When objects A and B are brought together, they repel. When objects B and C are brought together, they also repel. Which of the following are true? A. Objects A and C possess charges of the same sign, but not B B. Objects A and C possess charges of opposite sign C. All three objects possess charges of the same sign D. One object is neutral Q.158 Which principle is used in solar cells? A. momentum B-charge C. mass D. all of these Q.159 A liquid has mass m and specific heat capacity c. The rate of change in temperature of liquid is R. What is the rate at which heat is transferred from the liquid. A. Rmc B. R -C. mc ----- R D. Rm -Q.160 Michelson measured the length of standard metre in terms of the wavelength of: B. violet cadmium light A. green cadmium light C. red cadmium light D. blue cadmium light Q.161 Which one of them is a type of emission B. Stimulated A. Spontaneous C. Both A and B D None of these Q.162 Which one of them is a type of emission A. Spontaneous B. Stimulated C. Both A and B D. None of these Q.163 The shortest distance between two points on the wave that have a phase difference of $\binom{\pi}{2}$ is 5 cm. What is its wavelength? A. 10 cm B. 20 cm C. 30 cm D. 40 cm Q.164 An example of non-ohmic resistor is A. Diode B. Tungsten wire C. Carbon resistance D. Copper wire Q.165 When the nucleus of an unstable atom emits only gamma radiation, the nucleus B. Lose energy A. Gain energy C. Lose protons D. Gain protons Q.166 Magnetic field lines created by current carrying wire is

completely in inelastic collision with another particle of mass which was thrown

	A. Helical	B. Elliptical
	C. Hyperbolic	D. Circular
Q.167	Ripple factor of half wave rectifier is	
	A. 1.21	B. 0.8
	C. 0.6	D. 0.4
Q.168	A metal rod of length 4 m, velocity 5m/s	and magnetic field 0.5 T induced emf is
	A. 10 V	B. 20V
	C. 30V	D. 4V
Q.169	Find the resistance if voltage of the circui	
	A. 1.6 ohm	B. 1.5 ohm
	C. 1.7 ohm	D. 1.8 ohm
Q.170	The phase angle between two points is 3 7	
	15 cm. What is the wavelength of the way	
	A. 30 cm	B-45 cm
	C. 5 cm	D. 10 cm
Q.171	Steady current does not change with resp	THE PERSON NAMED IN
	A. conductor	B. source
0.173	C. time	D. potential difference
Q.172	A bullet of mass 10 g leaves a rifle at an in	
	earth at the same level with a velocity of 5	500 m/s. the work in avercoming the
	resistance of afr will be: A. 500J	B. 5000J
	C. 3750J	D. 475J
0.173	Voltage in secondary winding is	to current in secondary coil
Quito	A. Directly proportional	B. Inversely proportional
	C. Directly squared proportional	D. Not enough information
0.174	In a periodic wave, the distance between	
	the wavelength of the wave?	,
	A. 45 cm	B. 5 cm
	C. 1/5 cm	D. 1/3 cm
Q.175	What is the de Broglie wavelength associa	ated with an electron, accelerated
	through a potential difference of 200 volts	s?
	A. lnm	B. 0.5nm
	C. 0.0056 nm	D. 0.086 nm
Q.176	Consider a car is travelling for one hour.	Which of the following trips have the
	same average velocity?	
	A. Car travels 20 km due east and car travel	
	B. Car travels 40 km due east, then turns are	ound and travels 20 km due west and car
	travels 20 km due east	
	C. Car travels 70 km due east and car travel	s 40 km due east, then turns around and
	travels 20 km due west	

	D. Car travels 30 km due west, then turns ar	ound and travels 30 km due east and car
	travels 40 km due east, then turns around an	d travels 20 km due west
Q.177	In a centre tap full wave rectifier if Vm is the peak voltage across the secondary	
	of transformer, the maximum voltage acr	oss reverse bias is
	A. Vm	$B.\frac{Vm}{\sqrt{2}}$
	11.	
	C. 2Vm	D. $\frac{Vm}{3}$
0.178	C14 has half-life 5700 years. At the end of	11400 years, the actual amount left is
2.27.0	A. 0.0625 of original amount	B. 0.5 of original amount
	C. 0.25 of original amount	D. 0.125 of original amount
0.179	Consider two capacitors with capacitance	2μF and 4μF. With which type of
	connection will the 4µF capacitor have a s	greater amount of stored energy than
	the 2µF capacitor?	
	A. Series	B. Parallel
	C. Either series nor parallel	D. Neither series nor parallel
Q.180	Galvanometer is an	
	A. Electromechanical device	B. Electrosolar device
	C. Electrothermal device	D. None of them
	ENGI	
0.181	They have been very close friends until th	ey quarelled over a petty issue.
Q.IOI	A . B	D
	A. They have been	B. very close friends
	C. until they quirelled	D. over a petty issue.
Q.182	THE PARTY OF THE P	
	A. study	B am studying
	C. have been studying	D. studied
Q.183	Some of the books on the table	B. belonging
	A. belong	D. was belong
	C. belongs	D. was belong
Q.184	Have you the examination?	B. Took
	A. Take	D. Taking
100	C. Taken	· ·
Q.185	We went to the President as a last	B. Resort
	A. Recourse	D. Resound
0.106	C. Resource Mrs Rose planning to do a course in Biolo	gy next week.
Q.186	A. are planning	B. plans
	C with a plan	D. planning
O 197	There was article about po	llution in paper.
Q.107	A. aan	
	C. a the	D. aa

Q.188	Which verb is NOT in the present tense?	?	
	A. She listened	B. She talks	
	C. She waits	D. She eats	
Q.189	Choose the correct spelling of the word		
	A. prettiest	B. prettyest	
	C. pretiest	D. preetiest	
Q.190	Sameer in the	park every day.	
	A. run	B. runs	
	C. running	D. walk	
Q.191	My parents near La	nhore.	
	A. living	B. are living	
	C. lives	D. live	
Q.192	Sumaira was surprised when her boss di	dn'tthe dinner they had at the	
	restaurant.		
	A. buy	B. pay	
	C. pay for	D. spend	
Q.193	The two machines cons	iderably. One has an electric motor, the	
	other runs on oil.		
	A. Different	B. Differentiate	
	C. Differ	D. Difference	
Q.194	Choose the correct sentence.		
	A. Did you know that they're leaving the ci	ity for good.	
	B. Did you know that they're leaving the city for good?		
	C. Did you know that the yre leaving the ci	ity for good?	
	D. Did you know that theyre leaving the ci	ty for good.	
Q.195	We havesmall house in	village in	
	Netherlands.		
	A. the ana	B. ana the	
	C. aathe	D. aan the	
Q.196	I'm now going to give you 10 ti	ps for running a really successful web	
	site.		
	A. invaluable	B. valueless	
	C. unworthy	D. unprofitable	
Q.197	Choose the correct sentence.		
	A. "Trust me, I know what I'm doing," Bil	al said. "Your car is not hard to fix."	
	B. "Trust me, I know what I'm doing," Bil	al said. "your car is not hard to fix."	
	C. "Trust me I know what Im doing," Bilal	said. "Your car is not hard to fix."	
	D. "Trust me, I know what I'm doing," Bil	al said. Your car is not hard to fix.	
Q.198	They will bake the pies. Which tense is u	ised here?	
	A. Present	B. Past	
	C. Future	D. Universal	
Q.199	None of them able to solve this que	stion.	

A. is B. were

C. was D. would be

Q.200 If I had been thirsty I would have drank the lemonade without waiting for

A B C D

you.

A. If i had been thirsty B. I would have

C. drank the lemonade D. without waiting for you.

LOGICAL REASONING

Q.201 Statement

The Statement There is an unprecedented increase in migration of villagers to urban areas as repeated crop failure has put them into precarious financial situation.

Courses of Action

- I. The villagers should be provided with alternate source of income in their villages which will make them stay put.
- II. The migrated villagers should be provided with jobs in the urban areas to help them survive

A. Both of them follows

B. None of them follows

C. Only I follows

D. Only II follows

- Q.202 Statement:
 - There is unprecedented increase in the number of young unemployed in comparison to the previous year.
 - II. A large number of candidates submitted applications against an advertisement for the post of manager issued by a bank.
 - A. Statement I is the cause and statement II is its effect.
 - B. Statement II is the cause and statement I is its effect
 - C. Both the statements I and II are independent causes
 - D. Both the statements I and II are effects of independent causes
- Q.203 Fact 1: A boy have a four cars
 - Fact 2: Two of the cars are red
 - Fact 3: He have one sports car

If the above three statements are facts than which of the following statement will also be a

B. Only II

- fact I. The boy have red sports car
- II. He have 2 corolla
- III. His favorite color is red

A. Only I and II

C. Only III D. None of the statement is a fact

Q.204 Statements: Some papers are pens. Angle is a paper.

Conclusions:

I. Angle is not a pen.

II. Angle is a PEN

A. Only conclusion II follows

B. Either I or II follows

C. Neither I nor II follows

D. Both I and II follows

O.205 Statement:

- I. The farmers have decided against selling their Kharif crops to the government agencies.
- II. The government has reduced the procurement price of Kharif crops starting from last month to the next six months.
- A. Statement I is the cause and statement II is its effect.

B. Statement II is the cause and statement I is its effect

- C. Both the statements I and II are independent causes
- D. Both the statements I and II are effects of independent causes

Q.206 A competition always has

A. Reward

B. Rivals

C. Spectators

D. Referee

Q.207 Which word does NOT belong with the others?

A. index

B. glossary

C. chapter

D. book

Q.208 Children are in pursuit of a dog whose leash has broken. James is directly behind the dog. Ruby is behind James. Rachel is behind Ruby. Max is ahead of the dog walking down the street in the opposite direction. As the children and dog pass, Max turns around and joins the pursuit. He runs in behind Ruby. James runs faster and is alongside the dog on the left, Ruby runs faster and is alongside the dog on the right. Which child is directly behind the dog?

A. James

B. Ruby

C. Rachel

D. Max

Q.209 Directions: In each of the following questions a statement is given, followed by two conclusions, Give answer:

Statement: Without reforming the entire administrative system, we cannot eradicate corruption and prejudice from the society.

Assumptions:

- I. The existence of corruption and prejudice is good.
- II. There is enough flexibility to change the administrative system.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Either I or II is implicit

D. Both A and B

Q.210 Complete the series A25, B625, C15625, _____?

B. D364748

A. D390625 C. D390524

D. D390525

MUST FOLLOW SKN REAL PAGE FOR COMPLETE 36 PMC PAID TESTS