# PMC PRACTICE TEST 09

## CHEMISTRY

Q.1	SN <sub>2</sub> reactions are?		
	A. Nucleophilic unimolecular addition reactions		
	B. Nucleophilic bimolecular substitution		
	C. Nucleophilic bimolecular addition rea		
	D. Nucleophilic unimolecular substitution		
Q.2	The sequence of amino acids combine		
Q.2	A. Primary structure	C. Tertiary structure	
	A STATE OF THE STA		
0.1	B. Secondary structure	D. Quaternary structure	
Q.3	Which of the following shows Planck's		
	A. E=hev	C. E = cv	
Barrier .	B. E=c/v	D. None of these	
Q.4	Any thing under study during a chem	ical r <mark>eaction</mark> in thermodynamics is	
	called as?		
	A. Analyte	C. Surrounding	
	B. System	D. Boundary	
Q.5	From which of the following sources a	cetic acid was first isolated ?	
	A. Butter	C. Cheese	
	B. Milk	D. Vinegar	
Q.6	The smallest part of crystal lattice sho	wing all the properties of a crystal is	
	called as?	nga - Yearn mark	
	A. Crystallite	C. Unit crystal	
	B. Unit cell	D. Monomer	
Q.7	Nyholm & Gillespie explains the shap		
	A. Transition elements	C. Only alkali metals D. Alkaline earth metals	
0.0	B. Non transition elements		
Q.8	Equilibrium constant for Ideal gases in to A. Kc	B. K	
	C. Kp	D. None of these	
Q.9	In a Voltaic Cell Zinc Electrode is dip		
	A. Copper Sulphate	C. Zinc Chloride	
	B. Copper chloride	D. Zinc Sulphate	
Q.10	In IUPAC naming alcohols are named	l as?	
	A. Alkanal	C. Alkanol	
5245578	B. Alkyl alcohols	D. Alkenol	
Q.11	Which one is natron?	G 11 GG 1110	
	A. Na <sub>2</sub> CO <sub>3</sub>	C. Na <sub>2</sub> CO <sub>3</sub> .H2O	
Q.12	B. Na <sub>2</sub> CO <sub>3</sub> .1 H <sub>2</sub> O Compounds attracted by applied strong	D. NaHCO	
Q.12	A. Diamagnetic	C. Good conductor	
	B. Paramagnetic	D. Ferromagnetic	
Q.13			
Q.IJ	degree of	nu crystais due to presence of some	
	A. Heat	C. Hotness	
	B. Order	D. Coldness	
Q.14	The reactant which consumes comple	tely in a reaction is known as	
	reactant	The state of the s	
	A. fractional	C. limiting	
	B. initial	D. minor	
Q.15	Work done on the system is		
		depends upon Boundary Conditions	
		Zero	
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Q.16	How many d-block elements are present in the periodic table?		
	A. 40 B. 23	C. 37	
0.17		D. 30	
Q.17	Aldole consist of which functional A. Aldehyde	B. Alcohol	
	C. Both A and B	D. Ketone	
Q.18		ract a shared electron pair towards itself is	
	A. Electron affinity	B. Ionization energy	
2002	C. Electronegativity	D. Polarity	
Q.19	Rayon is?	6 . 11	
	A. Acetyl chloride	C. Alkyne	
	B. Alkene	D. Acetic acid	
Q.20	class of proteins?	rotein part in enzymes belongs to which  C. Derived	
	A. Simple B. Conjugated/compound	D. All of these	
0.21			
Q.21	Formation of picric acid by pheno A. Decomposition	B. Halogenation	
	C. Sulphonation	D. Nitration	
Q.22	Which one of the following is not		
Q.ZZ	A. Palmitic acid	B. Stearic acid	
	C. Acetic acid	D. Linolenic acid	
Q.23	The state of the state of the same of the same of the state of the same of the		
Q.23	A. Picric acid	C. Cresol	
	B. Benzene	D. Carbolic acid	
Q.24	A PARKET CONTROL OF THE PARKET BATE.		
Q.24	A. Ionic solid	B. Covalent solid	
	C. Pseudo solid	D. Semisolid	
Q.25	Which catalyst are used in catalytic cracking?		
	A. Silica, lime	C. Silica,Soda ash	
	B. Silica, alumina	D. Alumina,Pt	
Q.26	Which one is for evaporation		
	A. Surface phenomena	B. Cause cooling	
	C. exothermic	D. continuous	
Q.27	Phenol was obtained from	first time?	
	A. Coke	C. Aromatic compounds	
	B. Pitch	D. Coal tar	
Q.28	A. inter-titian distance R	adius in a crystal lattice is equal to B. inter ionic distance R	
	C. inter- cationic distance R+	D. inter-anionic distance R-	
Q.29	The rate of SN <sub>2</sub> reaction become doubled if?		
	A. Concentration of Nucleophile doubled		
	B. Concentration of Substrate doubled		
	C. Concentration of Substrate Tripled		
0.20	D. Concentration of substrate remai		
Q.30	Which one of the following is mos A. Benzene	C. Ethene	
	2001 - 110 July 10 10 10 10 10 10 10 10 10 10 10 10 10	D. Ethyne	
0.21	B. Ethane		
Q.31	The decrease in atomic radii is ve A. Second group	C. Higher groups	
	B. Second period	D. Higher periods	
Q.32		one molar solution of HCl has a pressure of	
Q.32	A. 2atm	D. 1 atm	
	B. 780 mmHg	D. Faun	
	C. 19 Psi		

Q.33	The atomic ratio of isomorphs of ZnSO <sub>4</sub> , and NiSO <sub>4</sub> is		
	A. 2:1	B. 2:01:04	
	C. 1:01:04	D. 1:1	
Q.34	A full stop may havea	itoms present in it	
	A. one million	C. one billion	
	B. two millions	D. two billions	
Q.35	Which of the following is prote	ein digesting enzyme?	
2.00	A. Trypsin	C. Protease	
	B. Pepsin	D. All of these	
Q.36	The deliquescence is a propert	the state of the s	
2.00	A. Absorbs moisture and remain		
	B. Absorbs moisture and turns to		
	C. Loses water of crystallization		
	D. Increases the number of water		
Q.37	What is the octane number of	Iso-octane?	
	A. 40	C. 0	
	B. 100	D. 2	
Q.38	Space among the liquids is		
	A. Lower than gases	C. Lower than solids	
	B. Higher than solids	D. Both A and B	
Q.39	In the rate equation R=k[A]a		
	A. a x b B. a-b	C. b-a	
0.40	A STATE OF THE STA	D. a+b	
Q.40	More energy to remove an elec A. Half filled subshell	B. Completely Filled Subshell	
	C. Partially filled subshell	D. Both a and b	
Q.41		if value of azimuthal quantum number 'l' is 2	
Q.41	A. Spherical	B. Dumbbell	
	C. Complicated	D. All of these	
Q.42	A crystal is made up of		
Q. 12	A. Atoms	C. Molecules	
	B. Ions	D. All of these	
Q.43		The state of the s	
Q. 10	An is the difference in number of moles of reactants and products in a reaction which is		
	A. Solid Phase	B. Liquid phase	
	C. Gaseous Phase	D. Plasma Phase	
Q.44	What is the formula of chlorol	form?	
2000	A. CH <sub>3</sub> Cl	B. CH <sub>2</sub> Cl <sub>2</sub>	
	C. CHCls	D. CH <sub>2</sub> Cl	
Q.45	In Down Cell anode is made u	p of	
3.5	A. Graphite	C. Iron	
	B. Copper	D. Silver	
Q.46	2-hydroxy propanoic acid is al	so called as ?	
	A. Stearic acid	C. Maleic acid	
	B. Butyric acid	<ul> <li>D. Lactic acid</li> </ul>	
Q.47	Which one of the following H-	bond is strong?	
	А. О-Н	B. N-H	
	C. F-H	D. Cl-H	
Q.48	Which of the following is true	about arenes?	
	A. Low melting, and low boiling points		
	B. High melting, and high boiling		
	C. Low melting, and high boilin		
	D. High solubility in polar solvents		
Q.49		conversion of hexoses to 6- phosphate	
3350	derivatives.		
	A. Hexokinase	C. Fructokinase	
	B. Glucokinase	D. Malonic acid	
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Q.50	Aldehydes and ketones can be obtained by the		
	A. Reduction of alcohol	C. Dehydration of alcohol	
	<ul> <li>B. Oxidation of alcohol</li> </ul>	D. Hydrolysis of alcohol	
Q.51	Which of the following does not have sp2 h	5. 5.	
20 <b>%</b> 2.4-37	A. Acetone	C. Acetic acid	
	B. Acetonitrile	D. Acetamid	
Q.52	Oxygen is not released on heating which of		
2	A. (NH <sub>4</sub> )2Cr2O <sub>7</sub>	C. Zn(ClO <sub>3</sub> ) <sub>2</sub>	
	B. K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	D. KClO <sub>3</sub>	
Q.53	In exothermic reactions forward reactions		
	A. More Energy	B. No energy	
	C. Less Energy	D. Catalyst	
Q.54	How many electrons can occupy in 7th energy level of an atom. Calculate by		
	using 2n² formula	G 72	
	A. 24 B. 5	C. 72	
0.55		D. 98	
Q.55	Which metal is paramagnetic?	C F-	
	A.Cr	C. Fe D. All of these	
0.50	B. Mn	D. All of these	
Q.56	The critical volume of O <sub>2</sub> iscm3/ mol A. 95.56g/dm <sup>3</sup>	C. 74.42g/dm <sup>3</sup>	
	B. 64.51g/dm <sup>3</sup>	D. 99.9g/dm <sup>3</sup>	
	PHYSICS	,.	
Q.57	For a particular displacement how is the w		
	A. Depend on time	C. Both of these	
20277000	B. Independent of time	D. None of these	
Q.58	The number of vibrations executed in one		
	A. Period	C. amplitude	
0.70	B. Frequency	D. wavelength	
Q.59	In parallel voltage remains?	C. Both of them	
	A. Same	D. None of them	
0.00	B. Different The value of coulomb constant is:	D. None of them	
Q.60	A. 9 x 10 <sup>9</sup> Nm <sup>2</sup>	C. 9 x 10 <sup>-9</sup> Nm <sup>2</sup> / C <sup>2</sup>	
	B. 9 x 10 <sup>9</sup> Nm <sup>2</sup> / C <sup>2</sup>	D. 9 x 10 <sup>-9</sup> Nm <sup>2</sup>	
Q.61	When Ns>Np then transformer is	2,7,1,0	
1,000	A. Step up	B. Step down	
	C. Primary	D. Secondary	
Q.62	Magnetic field density outside the solenoid		
	A. Strong	B. Infinite	
0.60	C. Negligible	D. None of these	
Q.63	SI unit of acceleration is:		
	A. m B. m <sup>2</sup>	C. m/s D. m/s <sup>2</sup>	
Q.64	For an object moving in a circle, the angle	and the second s	
Q.04	position vector is:	between linear velocity and the	
	A. 0 degrees	B. 30 degrees	
	C. 90 degrees	D. 60 degrees	
Q.65	An oscillation is called simple harmonic mo	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
2.00	A. acceleration is directly proportional to -x		
	B. acceleration is directly proportional to x		
	C. acceleration is directly proportional to v		
	D. acceleration is inversionally proportional to	0 -X	
Q.66	Calculate the work done in a resistor of 20 ohm carrying 5A of current in 3		
	hours.		
	A. 1KWh	C. 2KWh	
	B. 1.5KWh	D. 3KWh	
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Q.67		t pressure which is much than	
	atmospheric pressure is excited	B	
		B. greater than equal to D. none of these	
0.00			
Q.68	Self-inductance varies number of turns in A. N		
	B. N <sup>3</sup>	C. N <sup>2</sup> D. 1/N	
0.70	NAMES OF THE PARTY		
Q.69	Displacement of an object in moving arou		
	A. 2πr B. 2r	C. πr D. zero	
0.70			
Q.70	Which of the following is the rapid proces: A. Conduction	C. Convection	
	B. Radiation	D. All of these	
Q.71	The capacitance of parallel plate capacitor		
2.7.2	A. A d	C. Aɛo 2d	
	B. Αεο d	D. Αεο d <sup>2</sup>	
Q.72	Electric generator converts to	energy	
	A. electric, mechanical	C. mechanical, potential	
	B. mechanical, electric	D. not enough information	
Q.73	Energy of photon is directly proportional	to its :	
	A. Temperature	C. Wave length	
	B. Frequency	D. None of the above	
Q.74	The convection process transfer heat faste		
	A. it depends on condition	C. TRUE	
2.22	B. not always	D. FALSE	
Q.75	Projectile when launched at 90 degree with	h resp <mark>ect to</mark> horizontal then its	
	trajectory is A. Parabolic	C. Hymanhalia traingtour	
	B. Periodic	C. Hyperbolic trajectory D. Linear	
Q.76	An ambulance siren emits a sound of frequency		
Q.70	in air is 330 m/s. The ambulance moves to		
	constant speed of 50 m/s. What is the frequency		
	A. (1800 × 290)/ 330	B. (1800 × 330) / 370	
	C. (1800 × 330) / 280	D. (1800 × 330) / 380	
Q.77	Whenever a transverse wave, travelling in	a rarer medium, encounters a	
	denser medium. It		
	A. Bounces back such that the direction of its displacement remains same		
	B. Bounces back such that the direction of its displacement is reversed		
	C. Travels into second medium and the direction of its displacement is reversed  D. Travels into second medium and the direction of its displacement remains same		
Q.78	In Young's double slit experiment, fringe		
Q.70	A. Red light is used as compared to blue ligh		
	B. X-ray is used as compared to blue light		
	C. Violet light is used as compared to blue light		
	D. Ultraviolet light is used as compared to bl		
Q.79	Work has the dimension as that of		
	HEADER AND THE STREET	B. Momentum	
		D. Angular momentum	
Q.80	A test charge of 23 μC is at a point P where an external electric field is directed to the left and has a magnitude of 3.1 x106 N/C. If the test charge is		
	replaced with another test charge of 13 µC		
	electric field at P?	, what happens to the external	
	A. it remains same		
	B. it reverses direction		
	C. it changes in a way that cannot be determine	ined	
	D. 3.1 x 10 <sup>5</sup> N/C		

Q.81	Work done in a isobaric proce	ss is given by	
	A. PdT	C. VdP	
	B. PdV	D. P^2Dv	
Q.82	Angular velocity cannot be		
	A. zero	B. negative	
	C. infinite	D. linear	
Q.83		e is required for establishing steady current?	
	A. Minimum	C. Maximum	
22727	B. Constant	D. Varying	
Q.84	A rectangular loop of dimension 3 cm by 5 cm is placed perpendicular in		
		f, find the magnetic flux through the loop	
	A. 1.5 wb	C. 0.015 wb	
0.05	B. 0.15 wb	D. 15 wb	
Q.85		ergoes a process in which its internal energy me time 120 J of work is done on the system,	
	find the heat lost by the system		
	A420 J	C. 80 J	
	B. 420 J	D80 J	
Q.86		P1 V1 to P2V2 by two paths then quantity	
Q.00	which remains unchanged is	11 v1 to 12 v2 by two paths then quantity	
	A. Dq	B. dW	
	C. dQ-dW	D. dQ+dW	
Q.87		0 ohm and the current passing through it is 5	
	A. What is the value of potenti		
	A. 150V	C. 50V	
	B. 250V	D. 15V	
Q.88	An electron is moving along the line of force in magnetic field B with velocity		
	u, then maximum force acting	on the charge is given by	
	A. Bue	C. Bu/q	
	B. Bq/u	D. 0	
Q.89		ircumference of a circle subtends an angle?	
	A. π radian	C. π/2 radian	
	B. 2π radian	D. 4π radian	
Q.90	The dimensions of angular vel		
	A. [LT-1]	C. [LT <sup>-2</sup> ]	
Q.91	B. [LT] The electron emitted in β – rac	D. T	
Q.31	A. Inner orbits of atom	nation originates from where.	
	B. Free electrons existing in nuc	lei	
	C. The decay of a neutron in a n		
	D. Photon escaping from a nucle		
Q.92	If momentum is increased by 2		
	A. 0.44	C. 0.66	
	B. 0.55	D. 0.77	
Q.93	The momentum of the moving	photon is	
1,3000	A. zero	C. λ/h	
	Β. hλ	D. $h/\lambda$	
Q.94			
	A. Interference	C. Absorption	
	B. Polarization	D. Diffraction	
Q.95		is decreased in secondary coils	
	A. electric field	B. magnetic field	
	C. number of turns	D. none of these	
Q.96	One kcal =	G 200 I	
	A. 4.18 J	C. 2.09 J	
0.07	B. 4180 J	D. 2090 J	
Q.97	Numbers of neutrons present i A. N= A+Z	B. N=AZ	
	C. N=A-Z	D. N=Z-A	
	CALL PROPERTY OF THE PARTY OF T	D. 11 C. 11	

Q.98	Which is not the result of special theory	y of relativity	
30,927,300	A. Length contraction	C. Time dilation	
	B. Space - time transformation	D. Mass variation	
Q.99	The distance between two point charge	s if halved, the force between them	
	would be:		
	A. Half	C. One fourth	
	B. Double	D. Four times	
Q.100	In a periodic wave, the distance betwee	n a crest and the next consecutive	
230000	trough is 15 cm. What is the wavelengt		
	A. 10 cm	C. 7.5 cm	
	B. 5 cm	D. 30 cm	
Q.101	A cyclist come to skidding stop in 10 m	, the force on the cycle due to the road	
	is 200 N and opposite to the motion. how much work does the road do on the		
	cycle		
	A. 2000 J	C. 0	
	B2000 J	D. 200 J	
Q.102	The image received of absorbed x rays	is	
	A. Inverted	C. Any of a or b	
	B. Real	D. Virtual	
Q.103	Which one is the correct statement abo	ut selenium?	
1170	A. Selenium is a good conductor		
	B. Selenium is a good insulator		
	C. Selenium is an insulator in the dark and be	comes conductor when exposed to light	
	D. Selenium is an conductor in the dark and b	becomes insulator when exposed to light	
Q.104	In annihilation process are pr		
	A. Positron	C. Electrons	
	B. Photons	D. B & C are correct	
Q.105	Resistivity of a wire is ohm-m if 0.7		
	applying 1.5 V potential difference, tak	e length and cross section as 5m and	
	2.5 x 10 <sup>-7</sup> m <sup>2</sup> .	2	
	A. 1 x 10 <sup>-7</sup>	B. 2.63 x 10 <sup>-8</sup>	
	C. 19 x 10 <sup>-8</sup>	D. 7.85 x 10 <sup>-8</sup>	
Q.106	After certain lapse of time, the fraction		
	be 12.5% of initial quantity. If the half	life of polonium is 138 days, then	
	duration of time lapse isdays	/	
	A. 34.5	B. 276	
	C. 414	D. 125	
Q.107	At every point of trajectory of projectil	e which of the following quantities is	
	always zero		
	A. Horizontal velocity	C. Vertical acceleration	
0.400	B. Total velocity	D. Horizontal acceleration	
Q.108	The angular speed of a particle, moving		
	from 2 rad/s to 40 rad/s in 9s the ratio of its centripetal acceleration to		
	tangential acceleration at the end of 19	NOT A LEVI LA CONTRACTOR OF THE PARTY OF THE	
	A. 400:1	C. 800:1	
0.100	B. 14:20	D. 7:40	
Q.109	What is the wavelength of the wave if the		
	the medium is 3pi/4 and they are separa		
	A. 8 cm	C. 1 cm	
0.110	B. 9 cm	D. 12 cm	
Q.110	In half wave rectification, the output DC v	oltage is obtained across the load for	
	A. The positive half cycle of input AC		
	B. The negative half cycle of input AC	6:6	
	C. The positive and negative half cycles of		
	D. Either positive or negative half cycle of	r input	
Q.111	A real transformer does not change	C. P.	
	A. Voltage level	C. Power level	
	B. Current level	D. Frequency level	

O.112 A reversible carnot engine converts 1/6th of heat into input work. When the temperature of sink is reduced by 62 degree C then efficiency is doubled then temperature of source and sink is C. 99C .25C A. 80 C ,37 C D. 99C, 37C B. 99 C. 30C BIOLOGY Q.113 Roots of a plant show which of the following? A. Positive phototropism and negative geotropism B. Negative tactic movement and positive tropic movement C. Positive geotropism of stem and roots D. Negative phototropism and positive geotropism Q.114 Which one of the following biomolecules is most abundant in animals? A. Starch C. Cellulose B. Glycogen D. Both a and b Q.115 The selection for a trait on one extreme is called which of the following? A. Natural selection C. Stabilizing selection B. Directional selection D. all of these Q.116 What is the size of Parvovirus? A. 200 nm C. 30 nm B. 20nm D. 100 nm Q.117 A nucleotide can also said as A. Chromatic body C. Nuclear body B. Nuclear region D. All of Above Q.118 The dense fluid filled region in the chloroplast is? A. Grana C. Thylakoid B. Stroma D. Intergrana Q.119 The fate of each blastomere is foretold. What will that cleavage be? A. Spiral and indeterminate C. Radial and indeterminate B. Radial and indeterminate D. Spiral and determinate Q.120 Competitive inhibitors and real substrate often have similar? A. Structure C. Physical properties B. Chemical properties D. None of these Q.121 The phage which causes lysis of the host cell is known as? A. Lytic Phage C. Prophage B. Lysogenic phage D. Bacteriophage Q.122 The inflammation of bronchi or bronchioles is known as A. emphysema C. pneumonia B. asthma D. bronchitis Q.123 If an individual does not reproduce then it's degree of fitness is? C. 40 A. 100 B. 50 D. 0 Q.124 The function of vocal cords is to help in: A. Voice production C. Glucose production B. Energy production D. Air production 0.125 The name animal is derived from what word? A. Aname B. Anemia D. None of these C. Anima Q.126 Irreversible modifications require the synthesis of which of the following? A. Enzymes C. Vitamins D. Proteins B. Carbohydrates Q.127 Which of the following is a oviparous animal? A. Pidgeon C. Sheep B. Elephant D. Humans Q.128 The oxygen and carbon dioxide crosses the plasma membrane by the process of? A. Active diffusion B. Pacilitated diffusion C. Passive diffusion D. Random diffusion Q.129 If the 1 amino acid is joined together by peptide bonds, it becomes A. Protein C. Functional protein B. Globular protein D. Secretive protein

Q.130	Maximum capacity of nemog	lobin to absorb oxygen is:	
	A. 19.6ml/100 ml blood	C. 25 ml/100 ml blood	
	B. 20 ml/100 ml blood	D. 30 ml/100 ml blood	
0.131	Which one forms the raw may		
2.101	A. Vitamins	C. Lipids	
	B. Carbohydrates	D. Proteins	
0.122			
Q.132	The largest part of the human		
	A. Cerebrum	C. Hypothalamus	
	B. Thalamus	D. Limbic system	
Q.133	Eukaryotes can share which o	of the following structures with prokaryotes?	
	A. Cell wall	C. Golgi	
	B. Nucleoid	D. Mitochondria	
Q.134	Phenotype represents which of	of the following?	
1,30,00	A. Morphology	C. Genetics	
	B. Physiology	D. All of these	
0.135	Which of the following is an e		
2.100	A. Bacteria	C. Protists	
	B. Viruses	D. Protozoans	
0.126	Which characteristic is not of		
Q.136			
	A. Produced by separation of to	vo biastomeres	
	B. Produced asexually	Control Cales and Cales an	
	C. Produced when embryo is at		
	<ul> <li>D. Have different genetic make</li> </ul>	The state of the s	
Q.137	Which type of viruses infect I	E. Coll bacteria?	
	A. T phages	C. both	
	B. p phages	D. none	
0.138	The flow of lymph is always to		
	A. pancreatic duct	B. bile duct	
	C. thoracic duct	D. parotid duct	
O 130		e first group of invertebrates which have	
Q.137			
	developed a closed circulatory	The state of the s	
	A. Nematodes	B. Arthropods	
	C. Annelids	D. Molluses	
Q.140		termed as which of the following?	
	A. Half dominance	B. Codominance	
	C. Partial dominance	D. None of these	
Q.141	Cortisol brings about an incre	ease in blood glucose level mainly by its	
	production from protein and	by?	
	A. Glucagon	B. Estrogen	
	C. Insulin	D. Progesterone	
Q.142	Control of the contro	cteristics make plasmid DNA useful for	
Q.1.12	researchers?	everious make plasmia Divix asetarior	
	The state of the s	DNA	
	A. Readily incorporate cloned DNA B. Capable of autonomous replication		
	C. Capable of being isolated from genomic DNA		
124.000.00	D. All of these		
Q.143		lready occurring enzymatic reaction and it has	
	no affect on the rate of reaction		
	A. Denaturation	C. Inhibition	
	B. Composition	D. Saturation	
Q.144	Flagella are basically compos	ed of a	
0.0000000000000000000000000000000000000	A. Protein	C. Enzyme	
	B. Chemical	D. None of above	
0.145		re that smallpox was completely eradicated?	
Q.143	11/ 11/10/2012 11/2 ·	C. 2001	
	A. 1990		
	B. 1980	D 1995	
Q.146		ty to distinguish between separate objects that	
	are close together?		
	A. Magnification	B. Contrast	
	C. Resolving power	D. Scanning power	

**PAGE 9 OF 14** 

Q.147	What does NADPH2 provide during pl	notosynthesis?	
	A. Energized electron	C. Uncharged electron	
	B. Energy	D. All of these	
Q.148	Shell of egg is leathery in appearance i		
	A. Amphibians	C. Prototherians	
	B. Birds	D. Reptiles	
Q.149	Homozygous chromosomes include wh		
	A. Diploid cells	B. Polyploid cells	
	C. Both a and b	D. None of these	
Q.150	During the menstrual cycle, which of t		
	released egg does not become fertilised		
	A. The lining of the womb wall stays build		
	B. The lining of the womb wall builds up again.		
	C. Another egg is immediately released.		
0.151	D. The lining of the womb wall breaks do Animals like starfish have small group		
Q.151	a ring of neurons in the centre. This ty		
	a ring of neurons in the centre. This ty	pe of nervous system is caned	
	A. Centralized nervous system		
	B. Partially centralized nervous system		
	C. Diffuse nervous system		
	D. Partially diffuse nervous system		
0.152	Which structure of protein gives inform	mation about number and sequence of	
2.102	amino acids in it?	and of about named and sequence of	
	A. Primary structure	C. Tertiary structure	
	B. Secondary structure	D. Quaternary structure	
0.153	Water vapor exits and CO2 enters a lea		
234107172	A. Stomata	C. Porphyrin ring	
	B. Grana	D. Photons	
Q.154	Viruses are how much smaller than ba	cteria?	
1130	A. 20 to 2000 times	C. 500 times	
	B. 10 to 1000 times	D. 3000 times	
Q.155	The difference in photosynthesis spect	rum and actin spectrum occurs due to?	
	A. Carbon dioxide	B. Oxygen	
	C. Carotenoids	D. Wavelength	
Q.156	Which of the following are important		
	A. Use and disuse of organs	B. Inheritance of acquired characters	
	C. Natural selection	D. Both a and b	
Q.157	The female gametes are most common		
	A. Egg	C. Ovum	
0.150	B. Ova	D. All of these	
Q.158	The nasal cavity opens outside of the k		
	A. Pharynx	B. Bronchioles D. None of these	
0.150	C. Nostrils	D. None of these	
Q.159	The oxidation phase of glycolysis is?  A. Energy consuming	C. Net neutralization of energy	
	B. Energy yielding	D. Both a and c	
O 160	What occurs when the thin actin and t		
Q.100	other?	mek myösin maments siide past each	
	A. Muscle relaxation	B. Muscle contraction	
	C. Muscle twitch	D. None of these	
0.161	The muscle which moves a body part t		
Q.101	A.Flexor muscles	B. Extensor muscles	
	C. Adductor muscles	D. Abductor muscles	
0.162	Which of the following scientists hypot		
2.202	traits acquired during their lifetimes?	Summer Print Print World	
	A. Lamark	B. Darwin	
	C. Mendel	D. Linnaeus	
	SECURICAL PROPERTY OF	The period of the North Control of the Control of t	

Q.163 A three-dimensional cavity bearing a specific charge by which the enzyme reacts with its substrate is called? A. Active site B. Binding site C. Catalytic site D. Allosteric site Q.164 The fluidity of the plasma membrane increases with which of the following? A. Increase in saturated fatty acids in the membrane B. Increase in glycolipid content in the membrane C. Increase in phospholipid content in the membrane D. Increase in unsaturated fatty acids in the membrane Q.165 The rate of reaction is directly proportional to the concentration of an enzyme which statement is incorrect in this respect? A. If the concentration is doubled the rate will become one fold B. If the concentration is doubled the rate will become two fold C. This relation is for unlimited time period with unlimited enzyme concentration D. All of these Q.166 The skeleton of sponges is made up of which of the following? A. Calcium B. Silica C. Both a and b D. None of these Q.167 The brain part that carries sensory information to the limbic system and cerebrum is A. Medulla C. Hypothalamus B. Thalamus D. Corpus callosum Q.168 All of the following statements are true regarding the attachment or adsorption of the virion to the host cell EXCEPT that: A. For naked virions, the surface capsid proteins are responsible for binding to a specific cell receptor. B. For enveloped viruses, the spikes are responsible for binding to a specific cell C. Cell lacking a receptor for a specific virus is not infected by that virus. D. All of the above Q.169 Which of the modes of cellular transport requires energy? A. Active transport C. Passive transport D. Diffusion B. Osmosis Q.170 The lungs of lungfish are thought to have evolved from: A. The swim bladder of cartilaginous fish. B. The swim bladder of bony fish. C. The swin bladder of lobe-finned fish D. They evolved independently. Q.171 The soluble sap of the nucleus in a plant cell is called? A. Cytoplasm C. Protoplasm B. Nucleoplasm D. Protoplast Q.172 Esters of fatty acids with higher alcohols other than glycerol are called B. Fats D. None of these C. Both (A) and (B) Q.173 The only promoter of leaf senescence in the following plant hormones is? A. Gibberellins C. Auxins D. Abscisic acid B. Cytokinins Q.174 Most non-enveloped DNA viruses assemble their nucleocapsid in the A. Cytoplasm C. Microtubules B. Nucleus D. Golgicomplex Q.175 The nodules of lymphoid tissue found in the wall of the intestinal tract are termed as: A. Grave's region B. Hashimoto's nodes C. Peyer's patches D. DiGeorge's nodes Q.176 Which of the following statement about the head of a chlorophyll molecule is A. It is a porphyrin ring or tetrapyrrole ring structure B. It is flat, square and light absorbing C. Composed of carbon and nitrogen atoms with Magnesium as central metal ion, which is coordinated with nitrogen.

#### D. It is hydrophobic Q.177 Phosphofructokinases enzyme converts fructose-6-phosphate into\_ C. Bisphosphate A. Fructose-1,4-phosphate B. Fructose-1,6-bisphosphate D. Fructose Q.178 Which of the following is NOT a class of enzyme? A. Ligase C. Isomerase D. Pyrimidine complex B. Hydrolyse Q.179 Example of a homologous organ is represented best by which of the following? A. Wing of an insect, wing of a bird B. Leg of a dog, leg of a spider C. The arm of a human, wing of a bird D. All of these Q.180 Which of the following is non-cellular in most cases in animals? A. Sclerenchyma C. Mesoderm B. Chlorenchyma D. Mesenchyme ENGLISH Q.181 Choose the correct sentence. A. Who isn't here yet asked Parveen. B. "Who isn't here yet?" asked Parveen. C. Who isnt here yet? asked Parveen. D. "Who isnt here yet?" asked Parveen. Q.182 When the dentist came in (A), my tooth was stopped aching (B)/out of fear (C) that I might loose my tooth. (D) A. When the dentist came in B. My tooth was stopped aching C. Out of fear D. That i might loose my tooth. Q.183 It \_\_\_\_\_ now. A. Rains C. was raining B. is raining D. has been raining Q.184 Tweezers \_\_\_\_ always useful to handle small objects. C. will A. is B. are D. may Q.185 it was raining, he went out without a raincoat. A. Even C. Unless D. Although B. Since O.186 Choose the correct sentence. A. Didnt you hear that the exam was changed to next week. B. Didn't you hear, that the exam was changed to next week? C. Didn't you hear that the exam was changed to next week? D. Did'nt you hear that the exam was changed to next week? Q.187 Choose the future indefinite tense form of the given sentence. "The parcel has been delivered." A. The parcel had been delivered. B. The parcel will be delivered. C. The parcel was delivered. D. The parcel would have been delivered. found in the cellar. Q.188 A container of nuts and bolts A. was C. would be B. were D. is Q.189 A ship (A)/ laden with mechandise (B)/ got drowned (C)/ in the Pacific Ocean. (D) A. A ship C. got drowned B. laden with mechandise D. in the Pacific Ocean.

**PAGE 12 OF 14** 

Q.190	My father (buy) us popcorn and orange juice.		
	A. buy	C. bought	
	B. will buy	D. have bought	
Q.191		erk (b)/ for not completing the job (C)/ on	
	time. (D)	0.6	
	A. The officer is angry B. on the clerk	<ul> <li>C. for not completing the job</li> <li>D. on time.</li> </ul>	
O 192		as prescribed by the doctor for a week now.	
Q.172	A. take	B. would have taken	
	C. have been taking	D. have had been taking	
0.193	Neither of the paintings		
	A. is	C. was	
	B. were	D. are	
Q.194	The samples on the tray in the lal		
	A. need	C. needing	
	B. needs	D. needed	
Q.195	Can you the tea and I'll g		
	A. depart	B. disturb	
	C. pour	D. feed	
Q.196	그 사람이 가장이 어느 아니는	prospects promotion, but not many	
	people manage to do so. A. on	C. in	
	B. of	D. around	
O 197	There has been an increase in the		
Q.177	A. just passed	C. yesteradys	
	B. some	D. recent	
Q.198	Choose the correct tense?		
7.	A. I went to school yesterday.		
	B. I go to school yesterday		
	C. I have gone to school yesterday		
0.100	D. I come to school yesterday.		
Q.199	There isinstitu A. a an	ution for blind in this city.	
	B. a the	D. an the	
O 200			
Q.200	It was a good piece of land. They got quite by using it to cultivate the much-needed industrial plants.		
	A. tranquil	B. peaceful	
	C. responsible	D. prosperous	
	LOGICA	L REASONING	
Q.201	Statements: All fish are tortoise.		
	Conclusions: I. No crocodile is a		
	A. Only conclusion II follows	C. Neither I nor II follows	
	B. Either I or II follows	D. Both I and II follow	
Q.202	Fact 1 Some pens don't write Fac	t 2 Only blue pens write Fact 3 some	
	writing utensils are pens If the above three statements are facts than which of		
	the following statement will also be a fact I. Some writing utensils don't write		
	II. Some writing utensils are blue III. Some blue writing utensils don't write		
	A. Only III	C. Only I	
	B. Only I and II	D. Only III and II	
Q.203	MINE OF EAST OF SHEET HE RELEASE	e in the production of oil seeds this year. The	
HACE STATE		ase the import quantum of edible oil.	
	A. Statement I is the cause and state		
	B. Statement II is the cause and state		
	C. Both the statements I and II are	Control of the Contro	
DMC P	D. Both the statements I and II are cracked and II	PAGE 13 OF 14	
·	INCHIOL DOMDER & LEGI OF	FAGE 13 OF 14	

	Which letter lies in the middle of word Quality?		
	A. L	B. A	
	C. U	D. Y	
Q.205	Look at this series: 7, 10, 8,	11, 9, 12, What number should come next?	
	A. 7	B. 10	
	C. 12	D. 13	
Q.206	Statement The availability o	f imported fruits has increased in the indigenous	
	market and so the demand f	or indigenous fruits has been decreased. I. To	
	help the indigenous produce	rs of fruits, the Government should impose high	
	import duty on these fruits, even if these are not of good quality. II. The frui		
	vendors should stop selling i	mported fruits. So that the demand for	
	indigenous fruits would be in	ncreased.	
	A. Both of them follows	C. Only I follows	
	B. None of them follows	D. Only II follows	
Q.207	If $a - b = 3$ and $a^2 + b^2 = 29$ ,	find the value of <mark>ab.</mark>	
	A. 10	C. 15	
	B. 12	D. Both A and B	
Q.208	Statement:		
	Should there be a total ban on tobacco products and smoking in India?		
	Arguments:		
	(I) Yes. It is wrong to smoke away millions of monies.		
	(II) No. It will throw thousands of workers in the tobacco industry out of		
	employment.		
		ll lose huge amount of money as it will not earn	
	by way of taxes on these pro	ducts.	
	by way of taxes on these pro A. None is strong	ducts. C. Only II is strong	
	by way of taxes on these pro	ducts.	
	by way of taxes on these pro A. None is strong	ducts. C. Only II is strong	
	by way of taxes on these pro A. None is strong	ducts. C. Only II is strong	
	by way of taxes on these pro A. None is strong B. Only I and II are strong	C. Only II is strong  D. Only II and III are strong	
Q.209	by way of taxes on these pro A. None is strong B. Only I and II are strong  Children are in pursuit of a	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly	
Q.209	by way of taxes on these pro A. None is strong B. Only I and II are strong  Children are in pursuit of a behind the dog. Ruby is behind	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead	
Q.209	by way of taxes on these pro A. None is strong B. Only I and II are strong  Children are in pursuit of a behind the dog. Ruby is behind the dog walking down the	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children	
Q.209	by way of taxes on these pro A. None is strong B. Only I and II are strong  Children are in pursuit of a behind the dog. Ruby is behind the dog walking down the and dog pass, Max turns are	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children and joins the pursuit. He runs in behind	
Q.209	by way of taxes on these pro A. None is strong B. Only I and II are strong  Children are in pursuit of a behind the dog. Ruby is behi of the dog walking down the and dog pass, Max turns are Ruby. James runs faster and	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children and joins the pursuit. He runs in behind is alongside the dog on the left. Ruby runs	
Q.209	A. None is strong B. Only I and II are strong Children are in pursuit of a behind the dog. Ruby is behind the dog walking down the and dog pass, Max turns are Ruby. James runs faster and faster and is alongside the dog.	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children and joins the pursuit. He runs in behind	
Q.209	by way of taxes on these pro A. None is strong B. Only I and II are strong Children are in pursuit of a behind the dog. Ruby is behi of the dog walking down the and dog pass, Max turns are Ruby. James runs faster and faster and is alongside the do the dog?	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children and joins the pursuit. He runs in behind is alongside the dog on the left. Ruby runs og on the right. Which child is directly behind	
Q.209	A. None is strong B. Only I and II are strong Children are in pursuit of a behind the dog. Ruby is behind the dog walking down the and dog pass, Max turns are Ruby. James runs faster and faster and is alongside the dotthe dog? A. James	dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children ound and joins the pursuit. He runs in behind is alongside the dog on the left. Ruby runs og on the right. Which child is directly behind  C. Rachel	
	by way of taxes on these pro A. None is strong B. Only I and II are strong Children are in pursuit of a behind the dog. Ruby is behi of the dog walking down the and dog pass, Max turns are Ruby. James runs faster and faster and is alongside the de the dog? A. James B. Ruby	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children and joins the pursuit. He runs in behind is alongside the dog on the left. Ruby runs og on the right. Which child is directly behind  C. Rachel  D. Max	
	A. None is strong B. Only I and II are strong Children are in pursuit of a behind the dog. Ruby is behind the dog walking down the and dog pass, Max turns are Ruby. James runs faster and faster and is alongside the dethe dog? A. James B. Ruby Country with the highest mu	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children ound and joins the pursuit. He runs in behind is alongside the dog on the left. Ruby runs og on the right. Which child is directly behind  C. Rachel  D. Max  uslim population is	
	by way of taxes on these pro A. None is strong B. Only I and II are strong Children are in pursuit of a behind the dog. Ruby is behi of the dog walking down the and dog pass, Max turns are Ruby. James runs faster and faster and is alongside the de the dog? A. James B. Ruby	ducts.  C. Only II is strong  D. Only II and III are strong  dog whose leash has broken. James is directly ind James. Rachel is behind Ruby. Max is ahead street in the opposite direction. As the children and joins the pursuit. He runs in behind is alongside the dog on the left. Ruby runs og on the right. Which child is directly behind  C. Rachel  D. Max	

PMC Practice tests, so I have decided to rectify all in proper in SKN STUDY GROUP

Join it

## PMC PRACTICE TEST 09

#### CHEMISTRY

Q.1	SN <sub>2</sub> reactions are?		
	A. Nucleophilic unimolecular addi	tion reactions	
	B. Nucleophilic bimolecular substitution reactions		
	C. Nucleophilic bimolecular substitution reactions		
	The figure of the last of the same in the first of the same of		
	D. Nucleophilic unimolecular subs		
Q.2	The sequence of amino acids con	nbined in a peptide chain is called	
	A. Primary structure	C. Tertiary structure	
	B. Secondary structure	D. Quaternary structure	
Q.3	Which of the following shows Planck's quantum theory		
2,525	A. E=hcv	C. E = cv	
	B. E=c/v	D. None of these	
		THE RESERVE THE PROPERTY OF THE PERSON OF TH	
Q.4	Any thing under study during a chemical reaction in thermodynamics is		
	called as?		
	A. Analyte	C. Surrounding	
	B. System	D. Boundary	
Q.5	From which of the following sou	rces acetic acid was first isolated?	
	A. Butter	C. Cheese	
	B. Milk	D. Vinegar	
Q.6	The smallest part of crystal lattic	ce showing all the properties of a crystal is	
	called as?		
	A. Crystallite	C. Unit crystal	
	B. Unit cell	D. Monomer	
Q.7	Nyholm & Gillespie explains the		
	A. Transition elements	C. Only alkali metals	
270	B. Non transition elements	D. Alkaline earth metals	
Q.8		s in terms of partial pressure in denoted by	
	A. Ko	C. Kp	
0.0	B. K	D. None of these	
Q.9	In a Voltaic Cell Zinc Electrode	C. Zinc Chloride	
	A. Copper Sulphate B. Copper chloride	D. Zinc Sulphate	
Q.10	In IUPAC naming alcohols are n		
Q.10	A. Alkanal	C. Alkanol	
	B. Alkyl alcohols	D. Alkenol	
Q.11	Which one is natron?	D. Pilkellor	
	A. Na <sub>2</sub> CO <sub>3</sub>	C. Na <sub>2</sub> CO <sub>3</sub> .H2O	
	B. Na <sub>2</sub> CO <sub>3.1</sub> H <sub>2</sub> O	D. NaHCO	
Q.12		strong magnetic field are called	
	A. Diamagnetic	C. Good conductor	
	B. Paramagnetic	D. Ferromagnetic	
Q.13	The turbid liquid were also calle	d liquid crystals due to presence of some	
	degree of		
	A. Heat	C. Hotness	
	B. Order	D. Coldness	
Q.14		mpletely in a reaction is known as	
	reactant		
	A. fractional	C. limiting	
	B. initial	D. minor	
Q.15	Work done on the system is		
0.0-0.00	A. Negative	B. depends upon Boundary Conditions	
	C. Positive	D. Zero	
	C. I USITIVE	D. ZAIO	

하는 것이 없는	C. 37
	D. 30
The state of the s	C. Both a and b
	D. Ketone
	red electron pair towards itself is
	C. Electronegativity
	D. Polarity
And the state of t	C. Allema
	C. Alkyne D. Acetic acid
	t in enzymes belongs to which
7,000,000,000	C. Derived
	D. All of these
	ATTENDED TO THE PARTY OF THE PA
	C. Sulphonation
	D. Nitration
The state of the s	C. Acetic acid
	D. Linolenic acid
	C. Cresol
CONTRACTOR AND TOTAL CONTRACTOR	D. Carbolic acid
	district to
	C. Pseudo solid
	D. Semisolid
A Company of the Comp	C. Silica Soda ash
	D. Alumina,Pt
AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	
	e. exothermic
	D. continuous
	C. Aromatic compounds
	D. Coal tar
	B. inter ionic distance R
	D. inter-anionic distance R-
	²
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2 - THE SECTION OF THE PERSON SECTION OF THE PROPERTY OF THE PERSON OF	
	C. Ethene
	D. Ethyne
The decrease in atomic radii is very promin	ent in
A. Second group	C. Higher groups
A. Second group B. Second period	C. Higher groups D. Higher periods
A. Second group B. Second period The hydrogen gas bubbling into one molar	C. Higher groups D. Higher periods solution of HCl has a pressure of
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm B. 780 mmHg	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi D. 1 atm
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm B. 780 mmHg The atomic ratio of isomorphs of ZnSO4, as	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi D. 1 atm nd NiSO4 is
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm B. 780 mmHg The atomic ratio of isomorphs of ZnSO4, at A. 2:1	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi D. 1 atm nd NiSO4 is C. 1:01:04
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm B. 780 mmHg The atomic ratio of isomorphs of ZnSO4, as	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi D. 1 atm nd NiSO4 is
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm B. 780 mmHg The atomic ratio of isomorphs of ZnSO4, at A. 2:1	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi D. 1 atm nd NiSO4 is C. 1:01:04 D. 1:1
A. Second group B. Second period The hydrogen gas bubbling into one molar A. 2atm B. 780 mmHg The atomic ratio of isomorphs of ZnSO4, at A. 2:1 B. 2:01:04	C. Higher groups D. Higher periods solution of HCl has a pressure of C. 19 Psi D. 1 atm nd NiSO4 is C. 1:01:04 D. 1:1
	A. Aldehyde B. Alcohol The tendency of of an atom to attract a sharcalled A. Electron affinity B. Ionization energy Rayon is? A. Acetyl chloride B. Alkene Protein part attached with non-protein part class of proteins? A. Simple B. Conjugated/compound Formation of pieric acid by phenols is called A. Decomposition B. Halogenation Which one of the following is not an examp A. Palmitic acid B. Stearic acid A substance formed by reduction of phenol A. Pieric acid B. Benzene Glass is an example of A. Ionic solid B. Covalent solid Which catalyst are used in catalytic crackin A. Silica, lime B. Silica, alumina Which one is for evaporation A. Surface phenomena B. Cause cooling Phenol was obtained from

	C. one billion	D. two billions
0.15	] <u> </u>	
Q.35	Which of the following is protein digesting e	C. Protease
	A. Trypsin B. Pepsin	D. All of these
Q.36	The deliquescence is a property in which a se	
Q.50	A. Absorbs moisture and remains solid	ond
	B. Absorbs moisture and turns to liquid form	
	C. Loses water of crystallization	
	D. Increases the number of water of crystallizat	ion
Q.37	What is the octane number of Iso-octane?	277
N-SCHOOL	A. 40	C. 0
	B. 100	D. 2
Q.38	Space among the liquids is?	
	A. Lower than gases	C. Lower than solids
	B. Higher than solids	D. Both A and B
Q.39	In the rate equation R=k[A]a [B]b, order of	
	A. a x b	C. b-a
	B. a-b	D/a+b
Q.40	More energy to remove an electron from	2
	A. Half filled subshell	
	B. Completely Filled Subshell	
	C. Partially filled subshell	
0.41	D. Both a and b	that are after the same of the 2
Q.41	The shapes of subshells is _if value of azimus  A. Spherical	C. Complicated
	B. Dumbbell	D. All of these
Q.42	A crystal is made up of	D. All of these
Q.42	A. Atoms	C. Molecules
	B. Ions	D. All of these
Q.43	An is the difference in number of moles of re	
0.000.000	reaction which is	
	A. Solid Phase	C. Gaseous Phase
	B. Liquid phase	D. Plasma Phase
Q.44	What is the formula of chloroform?	
	A. CH <sub>3</sub> Cl	C. CHCl <sub>3</sub>
	B. CH <sub>2</sub> Cl <sub>2</sub>	D. CH <sub>2</sub> Cl
Q.45	In Down Cell anode is made up of	1444
	A. Graphite	C. Iron
0.46	B. Copper	D. Silver
Q.46	2-hydroxy propanoic acid is also called as A. Stearic acid	C. Maleic acid
	B. Butyric acid	D. Lactic acid
Q.47	Which one of the following H-bond is strong	
Q.47	A. O-H	C. F-H
	B. N-H	D. Cl-H
Q.48	Which of the following is true about arenes?	
	A. Low melting, and low boiling points	
	B. High melting, and high boiling points	
	C. Low melting, and high boiling points	
	D. High solubility in polar solvents	
Q.49	enzyme catalyses the conversion of	hexoses to 6- phosphate
	derivatives.	
	A. Hexokinase	C. Fructokinase
	B. Glucokinase	D. Malonic acid
Q.50	Aldehydes and ketones can be obtained by the	
	A. Reduction of alcohol	C. Dehydration of alcohol
0.51	B. Oxidation of alcohol  Which of the following does not have and have	D. Hydrolysis of alcohol
Q.51	Which of the following does not have sp2 hy A. Acetone	C. Acetic acid
	B. Acetonitrile	D. Acetamide
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Q.52	Oxygen is not released on heating which of	
	A. (NH <sub>4</sub> )2Cr2O <sub>7</sub> B. K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	C. Zn(ClO <sub>3</sub> ) <sub>2</sub> D. KClO <sub>3</sub>
0.52	In exothermic reactions forward reactions	
Q.53		
	A. More Energy	C. Less Energy
0 - 1	B. No energy	D. Catalyst
Q.54	How many electrons can occupy in 7th ene	rgy level of an atom. Calculate by
	using 2n² formula	0.70
	A. 24	C. 72
	B. 5	D. 98
Q.55	Which metal is paramagnetic?	
	A. Cr	C. Fe
	B. Mn	D. All of these
Q.56	The critical volume of O2 iscm3/ mol	0.74.10.11.3
	A. 95.56g/dm <sup>3</sup>	C. 74.42g/dm <sup>3</sup>
	B. 64.51g/dm <sup>3</sup>	D. 99.9g/dm <sup>3</sup>
	PHYSICS	5
Q.57	For a particular displacement how is the w	ork done related to time
	A. Depend on time	C. Both of these
	B. Independent of time	D. None of these
Q.58	The number of vibrations executed in one	second is called:
	A. Period	C. amplifude
	B. Frequency	D. wavelength
Q.59	In parallel voltage remains?	
	A. Same	C. Both of them
	B. Different	D. None of them
Q.60	The value of coulomb constant is:	
10000	A. 9 x 10 <sup>9</sup> Nm <sup>2</sup>	C. 9 x 10 Mm <sup>2</sup> / C <sup>2</sup>
	B. 9 x 10 <sup>9</sup> Nm <sup>2</sup> / C <sup>2</sup>	D. 9 x 10 Nm <sup>2</sup>
Q.61	When Ns>Np then transformer is	
3	A. Step-up	B. Step down
	C. Primary	D. Secondary
Q.62	Magnetic field density outside the solenoid	A STATE OF THE PROPERTY OF THE
	A. Strong	B. Infinite
	C. Negligible	D. None of these
Q.63	SI unit of acceleration is:	
	A. m	C. m/s
	B. m <sup>2</sup>	D. m/s <sup>2</sup>
Q.64	For an object moving in a circle, the angle	between linear velocity and the
20000	position vector is:	
	A. 0 degrees	C. 90 degrees
	B. 30 degrees	D. 60 degrees
Q.65	An oscillation is called simple harmonic mo	
	A. acceleration is directly proportional to -x	
	B. acceleration is directly proportional to x	
	C. acceleration is directly proportional to v	
	D. acceleration is inversionally proportional t	0 -Y
Q.66	Calculate the work done in a resistor of 20	
Q.00	hours.	onni carrying 5% of current in 5
	A. 1KWh	C. 2KWh
	B. 1.5KWh	D. 3KWh
0.67		
Q.67	For atomic spectra, atomic gas or vapor at	pressure which is much than
	atmospheric pressure is excited	C less
	A. greater	C. less
0.00	B. greater than equal to	D. none of these
Q.68	Self-inductance varies number of turns in	
	A. N	C. N <sup>2</sup>
	B. N <sup>3</sup>	D. 1/N

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Q.69	Displacement of an object in movin	ig aroun	
	Α. 2πr		C. πr
	B. 2r		D. zero
Q.70	Which of the following is the rapid	process	
	A. Conduction		C. Convection
	B. Radiation		D. All of these
Q.71	The capacitance of parallel plate ca	pacitor	can be written as:
	A. A d		D. Aεο d <sup>2</sup>
	B. Αεο d		
	C. Ago 2d		
Q.72	Electric generator converts	to	energy
	A. electric, mechanical	- 1	C. mechanical, potential
	B. mechanical, electric		D. not enough information
Q.73		rtional t	
2.10	A. Temperature		C. Wave length
	B. Frequency		D. None of the above
Q.74	The convection process transfer he	at faster	5 ( )
Q./4	A. it depends on condition	at Instel	C.TRUE
	B. not always		DIFALSE
Q.75	Projectile when launched at 90 deg	roo with	
Q.75	trajectory is	ree with	respect to norizontal then its
	A. Parabolic		C. Hyperbolic trajectory
	B. Periodic		
076		100	D. Linear
Q.76	An ambulance siren emits a sound		
	in air is 330 m/s. The ambulance m		
	constant speed of 50 m/s. What is the	ne irequ	
	A. (1800 × 290)/330		C (1800 × 330) / 280
0.77	B. (1800 × 330) / 370	111 1	D. (1800 × 330) / 380
Q.77	Whenever a transverse wave, trave denser medium. It	ming in	a rarer medium, encounters a
		The state of the s	at a second
	A. Bounces back such that the directi		
	B. Bounces back such that the directi		
	C. Travels into second medium and the		
0.70	D. Travels into second medium and the		
Q.78	In Young's double slit experiment,		
	A. Red light is used as compared to b		
	B. X-ray is used as compared to blue		
	<ul> <li>C. Violet light is used as compared to</li> </ul>		
1000	D. Ultraviolet light is used as compar		ie light
Q.79			ato cardales se the reservoires
	A. Torque		3. Momentum
525/03	C. Power		O. Angular momentum
Q.80			
	directed to the left and has a magni		
	replaced with another test charge of	of 13 μC.	what happens to the external
	electric field at P?		
	A. it remains same		
	B. it reverses direction		
	C. it changes in a way that cannot be	determin	ied
	D. 3.1 x 10 <sup>5</sup> N/C		
Q.81	Work done in a isobaric process is	given by	•
	A. PdT		C. VdP
	B. PdV		D. P^2Dv
Q.82			
	A. zero		C. infinite
	B. negative		D. linear
Q.83	How much potential difference is re	equired	for establishing steady current?
	A. Minimum		C. Maximum
	B. Constant		D. Varying
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Q.84		3 cm by 5 cm is placed perpendicular in
		find the magnetic flux through the loop
	A. 1.5 wb	C. 0.015 wb
	B. 0.15 wb	D. 15 wb
Q.85		goes a process in which its internal energy
2.00		e time 120 J of work is done on the system,
	find the heat lost by the system	e time 120 3 of work is done on the system,
		C 80 I
	A420 J	C. 80 J
	B. 420 J	D80 J
Q.86		1 V1 to P2V2 by two paths then quantity
	which remains unchanged is	
	A. dQ	C. dQ-dW
	B. dW	D. dQ+dW
Q.87	If the conductor resistance is 50	ohm and the current passing through it is 5
	A. What is the value of potential	difference?
	A. 150V	C. 50V
	B. 250V	D. 15V
Q.88		line of force in magnetic field B with velocity
	u, then maximum force acting of	
	A. Bue	C. Bu/q
	B. Bq/u	D. O
O 90		
Q.89		cumference of a circle subtends an angle?
	A. π radian	C. π/2 radian
	B. 2π radian	D. 4π radian
Q.90	The dimensions of angular veloci	
	A. [LT-1]	C [LT-]
	B. [LT]	D [T-1]
Q.91	The electron emitted in β - radia	tion originates from where?
	A. Inner orbits of atom	
	B. Free electrons existing in nuclei	
	C. The decay of a neutron in a nucl	lei
	D. Photon escaping from a nuclei	
Q.92	If momentum is increased by 20%	% then K.E. increase by :
	A 0.44	Ø. 0.66
	B. 0.55	D. 0.77
Q.93	The momentum of the moving pl	
Q.55		C. λ/h
	A zero	The contract of the contract o
	B. hλ	D. h/λ
Q.94	The wavelength of beta rays is m	C 755 70 71 10 1 71 10 10 10 10 10 10 10 10 10 10 10 10 10
	A. Interference	C. Absorption
	B. Polarization	D. Diffraction
Q.95		is decreased in secondary coils
	A. electric field	C. number of turns
	B. magnetic field	D. none of these
Q.96	One kcal =	
. 501000	A. 4.18 J	C. 2.09 J
	B. 4180 J	D. 2090 J
Q.97	Numbers of neutrons present in a	
Q.,,	A. N= A+Z	C. N=A-Z
	B. N=AZ	D. N=Z-A
A 00	Which is not the mount of encoist	
Q.98	Which is not the result of special	C Trime Hit Ale
Q.98	A. Length contraction	C. Time dilation
	A. Length contraction     B. Space - time transformation	D. Mass variation
Q.98 Q.99	A. Length contraction B. Space - time transformation The distance between two point of	
	A. Length contraction B. Space - time transformation The distance between two point of would be:	D. Mass variation charges if halved, the force between them
	A. Length contraction B. Space - time transformation The distance between two point of	D. Mass variation
	A. Length contraction B. Space - time transformation The distance between two point of would be:	D. Mass variation charges if halved, the force between them
Q.99	A. Length contraction B. Space - time transformation The distance between two point of would be: A. Half B. Double	D. Mass variation charges if halved, the force between them  C. One fourth D. Four times
Q.99	A. Length contraction B. Space - time transformation The distance between two point of would be: A. Half B. Double	D. Mass variation charges if halved, the force between them  C. One fourth D. Four times between a crest and the next consecutive

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	C. 7.5 cm	D. 30 cm
Q.101	A cyclist come to skidding stop in 10 m, the i	force on the cycle due to the road
	is 200 N and opposite to the motion. how mu	ch work does the road do on the
	cycle	
	A. 2000 J	C. 0
	B2000 J	D. 200 J
Q.102	The image received of absorbed x rays is	Name: Taking Not of the Unit Total or
	A. Inverted	C. Any of a or b
0.102	B. Real	D. Virtual
Q.103	Which one is the correct statement about sel A. Selenium is a good conductor	enium:
	B. Selenium is a good insulator	
	C. Selenium is an insulator in the dark and becomes	s conductor when exposed to light
	D. Selenium is an conductor in the dark and become	
Q.104	In annihilation process are produce	
	A. Positron	C. Electrons
	B. Photons	D. B & C are correct
Q.105	Resistivity of a wire is ohm-m if 0.75 A c	
	applying 1.5 V potential difference, take leng	gth and cross section as 5m and
	2.5 x 10 <sup>-7</sup> m <sup>2</sup> .	
	A. 1 x 10 <sup>-7</sup>	
	B. 2.63 x 10 <sup>-8</sup>	
	C. 19 x 10 <sup>-8</sup> D. 7.85 x 10 <sup>-8</sup>	
0 106	After certain lapse of time, the fraction of ra	dignetive palentum is found to
Q.100	be 12.5% of initial quantity. If the half life of	
	duration of time lapse isdays	polonium is 130 days, then
	A. 34.5	C. 414
	B. 276	D. 125
Q.107	At every point of trajectory of projectile whi	AND A STATE OF THE PROPERTY OF
	always zero	
	A. Horizontal velocity	C. Vertical acceleration
_	B. Total velocity	D. Horizontal acceleration
Q.108	The angular speed of a particle, moving in a	The state of the s
	from 2 rad/s to 40 rad/s in 9s the ratio of its	centripetal acceleration to
	tangential acceleration at the end of 19 s is,	
	A. 400:1	C. 800:1
	B. 14:20	D. 7:40
0.109	What is the wavelength of the wave if the ph	ase angle between two points of
	the medium is 3pi/4 and they are separated t	45 D 10 CONTROL OF THE STATE OF
	A. 8 cm	C. 1 cm
	and the second s	
	B. 9 cm	D. 12 cm
Q.110	In half wave rectification, the output DC voltage	is obtained across the load for
	A. the positive half cycle of input AC	
	B. the negative half cycle of input AC	
	C. the positive and negative half cycles of input	t AC
	D. Either positive or negative half cycle of inpu	ıt
0.111	A real transformer does not change	
	A. Voltage level	C. Power level
	B. Current level	
		D. Frequency level
Q.112	A reversible carnot engine converts 1/6th of	경기를 내려가 되는 것을 모래 없어요. 그 생각이 되었는 말이었다. 안 되었다면 하다.
	temperature of sink is reduced by 62 degree	C then efficiency is doubled then
	temperature of source and sink is	
	A. 80 C ,37 C	C. 99C ,25C
	B. 99 C, 30C	D. 99C, 37C

### **BIOLOGY**

Q.113	Roots of a plant show which of the following?	
SO-000-000	A. Positive phototropism and negative geotropis	
	B. Negative tactic movement and positive tropic	
	C. Positive geotropism of stem and roots	
	D. Negative phototropism and positive geotropi	sm
0.114	Which one of the following biomolecules is m	
DARKEN)	A. Starch	C. Cellulose
	B. Glycogen	D. Both a and b
0.115	The selection for a trait on one extreme is cal	led which of the following?
	A. Natural selection	C. Stabilizing selection
	B. Directional selection	D. all of these
0.116	What is the size of Parvovirus?	
	A. 200 nm	C. 30 nm
	B. 20nm	D. 100 nm
0.117	A nucleotide can also said as	
	A. Chromatic body	C. Nuclear body
	B. Nuclear region	D. All of Above
0.118	The dense fluid filled region in the chloroplas	The second second
	A. Grana	C. Thylakoid
	B. Stroma	D. Intergrana
0.119	The fate of each blastomere is foretold. What	
25-01442200	A. Spiral and indeterminate	C. Radial and indeterminate
	B. Radial and indeterminate	D. Spiral and determinate
Q.120	Competitive inhibitors and real substrate ofto	
	A. Structure	C. Physical properties
	B. Chemical properties	D. None of these
0.121	The phage which causes lysis of the host cell i	
0.000	A. Lytic Phage	C. Prophage
	B. Lysogenic phage	D. Bacteriophage
Q.122	The inflammation of bronchi or bronchioles	
	A. emphysema	C. pneumonia
	B. asthma	D. bronchitis
Q.123	If an individual does not reproduce then it's	legree of fitness is?
\$0.7860/00 <del>0000</del> 0	A. 100	C. 40
	B. 50	D. 0
Q.124	The function of vocal cords is to help in:	
	A. Voice production	C. Glucose production
	B. Energy production	D. Air production
Q.125	The name animal is derived from what word	?
	A. Aname	C. Anima
	B. Anemia	D. None of these
Q.126	Irreversible modifications require the synthe	sis of which of the following?
	A. Enzymes	C. Vitamins
	B. Carbohydrates	D. Proteins
Q.127	Which of the following is a oviparous animal	?
	A. Pidgeon	C. Sheep
	B. Elephant	D. Humans
Q.128	The oxygen and carbon dioxide crosses the plasm	a membrane by the process of?
	A. Active diffusion	
	B. Pacilitated diffusion	
	C. Passive diffusion	
	D. Random diffusion	
Q.129	If the 1 amino acid is joined together by pept	ide bonds, it becomes
	A. Protein	C. Functional protein
	B. Globular protein	D. Secretive protein
Q.130	Maximum capacity of hemoglobin to absorb	oxygen is:
.55	A. 19.6ml/100 ml blood	C. 25 ml/100 ml blood
	B. 20 ml/100 ml blood	D. 30 ml/100 ml blood

Q.131	which one forms the raw material for coenz	ymes:	
	A. Vitamins	C. Lipids	
	B. Carbohydrates	D. Proteins	
0.132	The largest part of the human brain is the		
	A. Cerebrum	C. Hypothalamus	
	B. Thalamus	D. Limbic system	
0.133	Eukaryotes can share which of the following		
4.100	A. Cell wall	C. Golgi	
	B. Nucleoid	D. Mitochondria	
0 134	Phenotype represents which of the following		
Quist	A. Morphology	C. Genetics	
	B. Physiology	D. All of these	
0.135	Which of the following is an exception to cell		
Q.133	A. Bacteria	C. Protists	
	B. Viruses	D. Protozoans	
0.126	Which characteristic is not of identical twins		
Q.136	A. Produced by separation of two blastomeres	•	
		4.	
	B. Produced asexually	4 (	
	C. Produced when embryo is at two cell stage		
0.127	D. Have different genetic makeup		
Q.137	Which type of viruses infect E. Coli bacteria		
	A. T phages	C. both	
0.430	B. p phages	D. none	
Q.138	The flow of lymph is always towards		
	A. pancreatic duct	C. thoracic duet	
	B. bile duct	D. parotid duet	
Q.139	Which of the following are the first group of	invertebrates which have	
	developed a closed circulatory system?		
	A. Nematodes	C. Annelids	
	B. Arthropods	D. Molluses	
Q.140	Incomplete dominance is also termed as which		
	A. Half dominance	C. Partial dominance	
	B. Codominance	D. None of these	
Q.141	Cortisol brings about an increase in blood glucose level mainly by its		
	production from protein and by?		
	A. Glucagon	C. Insulin	
	B. Estrogen	D. Progesterone	
Q.142	Which of the following characteristics make	plasmid DNA useful for	
	researchers?		
	A. Readily incorporate cloned DNA		
	B. Capable of autonomous replication	20	
	C. Capable of being isolated from genomic DN	A.	
	D. All of these		
Q.143	If we add more substrate to already occurring		
	no affect on the rate of reaction, the process		
	A. Denaturation	C. Inhibition	
escrenara)	B. Composition	D. Saturation	
Q.144	Flagella are basically composed of a	686924	
	A. Protein	C. Enzyme	
	B. Chemical	D. None of above	
Q.145	In what year did WHO declare that smallpox		
	A. 1990	C. 2001	
	B. 1980	D 1995	
Q.146	what is the microscope's ability to distinguish	n between separate objects that	
	are close together?		
	A. Magnification	C. Resolving power	
	B. Contrast	D. Scanning power	
Q.147	What does NADPH2 provide during photosy	nthesis?	
	A. Energized electron	C. Uncharged electron	
	B. Energy	D. All of these	

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Q.148	Shell of egg is leathery in appearance	ce in which of the following?
	A. Amphibians	C. Prototherians
	B. Birds	D. Reptiles
Q.149	Homozygous chromosomes include	which of the following?
	A. Diploid cells	C. Both a and b
	B. Polyploid cells	D. None of these
0.150	During the menstrual cycle, which of	of the following events happens if a
	released egg does not become fertilis	
	A. The lining of the womb wall stays	
	B. The lining of the womb wall builds	
	C. Another egg is immediately release	
	D. The lining of the womb wall break	
0.151	보고 제공에 있다면 보고 있는데 10 전에 10 전에 10 전에 보고 있는데 10 전에 10 전	oups of neurons in each arm connected to
Z	a ring of neurons in the centre. This	
		A per or mer our system is enues
	A. Centralized nervous system	
	B. Partially centralized nervous system	n
	C. Diffuse nervous system	4.4
	D. Partially diffuse nervous system	
0 152		ormation about number and sequence of
Q.132	amino acids in it?	ormation about number and sequence of
	A. Primary structure	C. Tertiary structure
	the state of the	D. Quaternary structure
0 153	B. Secondary structure	
Q.153	Water vapor exits and CO2 enters a A. Stomata	
	Partition Control of the Control of	C. Porphyrin ring
0151	B. Grana	D. Photons
Q.154	Viruses are how much smaller than	
	A. 20 to 2000 times	C. 500 times
	B. 10 to 1000 times	D. 3000 times
Q.155		ectrum and actin spectrum occurs due to?
	A. Carbon dioxide	C. Carotenoids
	B. Oxygen	D. Wavelength
Q.156	Which of the following are important	
	A. Use and disuse of organs	2. Natural selection
	B. Inheritance of acquired	D. Both a and b
	characters	
Q.157	The female gametes are most comm	and the state of the second state of the secon
	A. Egg	C. Ovum
	B. Ova	D. All of these
Q.158		e kind of openings that are known as
	A. Pharynx	C. Nostrils
	B. Bronchioles	D. None of these
Q.159	The oxidation phase of glycolysis is:	
	A. Energy consuming	<ul> <li>C. Net neutralization of energy</li> </ul>
	B. Energy yielding	D. Both a and c
Q.160	What occurs when the thin actin an	d thick myosin filaments slide past each
	other?	
	A. Muscle relaxation	B. Muscle contraction
	C. Muscle twitch	D. None of these
0.161	The muscle which moves a body par	rt towards the midline of the body is:
3350.00	A.Flexor muscles	B. Extensor muscles
	C. Adductor muscles	D. Abductor muscles
0.162		pothesized that organisms can pass down
Q.10-	traits acquired during their lifetime	
	A. Lamark	B. Darwin
	C. Mendel	D. Linnaeus
0 162		a specific charge by which the enzyme
Q.103	reacts with its substrate is called?	a specific charge by which the enzyme
		p Dinding also
	A. Active site	B. Binding site D. Allosteric site
	C. Catalytic site	D. Allostene site

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#### O.164 The fluidity of the plasma membrane increases with which of the following? A. Increase in saturated fatty acids in the membrane B. Increase in glycolipid content in the membrane C. Increase in phospholipid content in the membrane D. Increase in unsaturated fatty acids in the membrane Q.165 The fluidity of the plasma membrane increases with which of the following? A. Increase in saturated fatty acids in the membrane B. Increase in glycolipid content in the membrane C. Increase in phospholipid content in the membrane D. Increase in unsaturated fatty acids in the membrane Q.166 The skeleton of sponges is made up of which of the following? A. Calcium C. Both a and b D. None of these B. Silica Q.167 The brain part that carries sensory information to the limbic system and cerebrum is A. Medulla C. Hypothalamus B. Thalamus D. Corpus callosum Q.168 All of the following statements are true regarding the attachment or adsorption of the virion to the host cell EXCEPT that: A. For naked virions, the surface capsid proteins are responsible for binding to a specific cell receptor. B. For enveloped viruses, the spikes are responsible for binding to a specific cell C. Cell lacking a receptor for a specific virus is not infected by that virus. D. All of the above Q.169 Which of the modes of cellular transport requires energy? C. Passive transport A. Active transport B. Osmosis D. Diffusion Q.170 The lungs of lungfish are thought to have evolved from: A. The swim bladder of cartilaginous fish. B.. The swim bladder of bony fish. C. The swin bladder of lobe-finned fish D. They evolved independently. Q.171 The soluble sap of the nucleus in a plant cell is called? A. Cytoplasm C. Protoplasm B. Nucleoplasm D. Protoplast Q.172 Esters of fatty acids with higher alcohols other than glycerol are called A. Waxes C. Both (A) and (B) B. Fats D. None of these Q.173 The only promoter of leaf senescence in the following plant hormones is? A. Gibberellins C. Auxins D. Abscisic acid B. Cytokinins Q.174 Most non-enveloped DNA viruses assemble their nucleocapsid in the A. Cytoplasm C. Microtubules B. Nucleus D. Golgicomplex Q.175 The nodules of lymphoid tissue found in the wall of the intestinal tract are termed as: A. Grave's region C. Peyer's patches B. Hashimoto's nodes D. DiGeorge's nodes Q.176 Which of the following statement about the head of a chlorophyll molecule is incorrect? A. It is a porphyrin ring or tetrapyrrole ring structure B. It is flat, square and light absorbing C. Composed of carbon and nitrogen atoms with Magnesium as central metal ion, which is coordinated with nitrogen. D. It is hydrophobic Q.177 Phosphofructokinases enzyme converts fructose-6-phosphate into A. Fructose-1,4-phosphate C. Bisphosphate B. Fructose-1,6-bisphosphate D. Fructose

Q.178	Which of the following is NOT a cla	ass of enzyme?
	A. Ligase	C. Isomerase
	B. Hydrolyse	D. Pyrimidine complex
Q.179	Example of a homologous organ is following?	represented best by which of the
	A. Wing of an insect, wing of a bird	
	B. Leg of a dog, leg of a spider	
	C. The arm of a human, wing of a bir	d
	D. All of these	
Q.180	Which of the following is non-cellu A. Sclerenchyma	C. Mesoderm
	B. Chlorenchyma	D. Mesenchyme
		GLISH
		GEISH
Q.181	Choose the correct sentence.	
	A. Who isn't here yet asked Parveen.	
	B. "Who isn't here yet?" asked Parved	4 4
	C. Who isnt here yet? asked Parveen.	
	D. "Who isnt here yet?" asked Parvee	
Q.182		ooth was stopped aching (B)/ out of fear
	(C) that I might loose my tooth. (D)	
	A. When the dentist came in	
	B. My tooth was stopped aching	
	C. Out of fear	
2576BE	D. That i might loose my tooth.	
Q.183	It now.	
	A. Rains	C. was raining
	B. is raining	D. has been raining
Q.184	Tweezers always useful to har	
	A. is	C. will
	B. are	D. may
Q.185		he went out without a raincoat.
	A. Even	C. Unless
	B. Since	D. Although
Q.186	Choose the correct sentence.	52 000 01 M
	A. Didnt you hear that the exam was	
	B. Didn't you hear, that the exam was	
	C. Didn't you hear that the exam was	
	D. Did'nt you hear that the exam was	
Q.187		orm of the given sentence. "The parcel
	has been delivered."	
	A. The parcel had been delivered.	
	B. The parcel will be delivered.	
	C. The parcel was delivered.	
	D. The parcel would have been delive	
Q.188	A container of nuts and bolts	-77
	A. was	C. would be
	B. were	D. is
Q.189	A ship (A)/ laden with mechandise	(B)/ got drowned (C)/ in the Pacific
	Ocean. (D)	
	A. A ship	C. got drowned
	B. laden with mechandise	D. in the Pacific Ocean.
Q.190	My father	(buy) us popcorn and orange juice.
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	A. buy	C. bought
	B. will buy	D. have bought
Q.191	The officer is angry (A)/ on the clerk (b)/ for	not completing the job (C)/ on
	time. (D)	73
	A. The officer is angry	C. for not completing the job
	B. on the clerk	D. on time.
0.192	I (take) the medicine as prescrib	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
2.1.2	A. take	C. have been taking
	B. would have taken	D. have had been taking
O 103	Neither of the paintings (is) sold	그런 그렇게 시작하면서 사람이 세계되어 많이 되어야기를 두었
Q.193	A. is	C. was
0.101	B. were	D. are
Q.194	The samples on the tray in the lab	Para Caraca Cara
	A. need	C. needing
	B. needs	D. needed
Q.195	Can you the tea and I'll get the cake	myself.
	A. depart	C. pour
	B. disturb	D. feed
Q.196	Everyone hopes to get a job with prospects -	promotion, but not many
	people manage to do so.	
	A. on	C: in
	B. of	D around
Q.197	There has been an increase in the price of oil	in weeks.
	A. just passed	C. yesteradys
	B. some	D. recent
Q.198	Choose the correct tense?	
20 TO 10 TO	A. I went to school yesterday.	
	B. I go to school yesterday	
	C. I have gone to school yesterday	
	D. I come to school yesterday.	
0.199	There is institution for	blind in this city.
	A. aan	C. an., a
	B. a the	D. an the
O.200	It was a good piece of land. They got quite	
2.200		by using it to cultivate the
		by using it to cultivate the
	much-needed industrial plants.	The state of the s
	much-needed industrial plants. A. tranquil	C. responsible
	much-needed industrial plants.  A. tranquil  B. peaceful	C. responsible D. prosperous
	much-needed industrial plants. A. tranquil	C. responsible D. prosperous
Q.201	much-needed industrial plants.  A. tranquil  B. peaceful	C. responsible D. prosperous
Q.201	much-needed industrial plants. A. tranquil B. peaceful  LOGICAL REA	C. responsible D. prosperous SONING is a crocodile. Conclusions : I.
Q.201	much-needed industrial plants.  A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil	C. responsible D. prosperous SONING is a crocodile. Conclusions : I.
Q.201	much-needed industrial plants. A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise	C. responsible D. prosperous  SONING is a crocodile. Conclusions : I. e.
50.00057.0005	much-needed industrial plants. A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil A. Only conclusion II follows B. Either I or II follows	C. responsible D. prosperous  SONING is a crocodile. Conclusions: I. e. C. Neither I nor II follows D. Both I and II follow
50.00057.0005	much-needed industrial plants. A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil A. Only conclusion II follows B. Either I or II follows Fact 1 Some pens don't write Fact 2 Only blue	C. responsible D. prosperous  SONING is a crocodile. Conclusions: I. e. C. Neither I nor II follows D. Both I and II follow he pens write Fact 3 some
50.00057.0005	Much-needed industrial plants.  A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil A. Only conclusion II follows B. Either I or II follows Fact 1 Some pens don't write Fact 2 Only blu writing utensils are pens If the above three st	C. responsible D. prosperous  SONING is a crocodile. Conclusions: I. e. C. Neither I nor II follows D. Both I and II follow he pens write Fact 3 some statements are facts than which of
50.00057.0005	much-needed industrial plants.  A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil A. Only conclusion II follows B. Either I or II follows Fact 1 Some pens don't write Fact 2 Only blu writing utensils are pens If the above three so the following statement will also be a fact I. Some	C. responsible D. prosperous  SONING is a crocodile. Conclusions: I. e. C. Neither I nor II follows D. Both I and II follow ne pens write Fact 3 some statements are facts than which of some writing utensils don't write
50.00057.0005	Much-needed industrial plants.  A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil A. Only conclusion II follows B. Either I or II follows Fact 1 Some pens don't write Fact 2 Only blu writing utensils are pens If the above three st the following statement will also be a fact I. S II. Some writing utensils are blue III. Some by	C. responsible D. prosperous  SONING is a crocodile. Conclusions: I. e. C. Neither I nor II follows D. Both I and II follow ne pens write Fact 3 some statements are facts than which of Some writing utensils don't write blue writing utensils don't write
50.00057.0005	much-needed industrial plants.  A. tranquil B. peaceful  LOGICAL REA  Statements: All fish are tortoise. No tortoise No crocodile is a fish. II. No fish is a crocodil A. Only conclusion II follows B. Either I or II follows Fact 1 Some pens don't write Fact 2 Only blu writing utensils are pens If the above three so the following statement will also be a fact I. Some	C. responsible D. prosperous  SONING is a crocodile. Conclusions: I. e. C. Neither I nor II follows D. Both I and II follow ne pens write Fact 3 some statements are facts than which of some writing utensils don't write

Q.203	Statement: There is sharp de	cline in the production of oil seeds this year. The	
	government has decided to in	crease the import quantum of edible oil.	
	A. Statement I is the cause and	statement II is its effect.	
	B. Statement II is the cause and	I 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 some common cause	
Q.204	Which letter lies in the middl	e of word Quality?	
	A. L	B. A	
	C. U	D. Y	
Q.205	Look at this series: 7, 10, 8, 1	1, 9, 12, What number should come next?	
- 50	A. 7	B. 10	
	C. 12	D. 13	
Q.206	Statement The availability of	imported fruits has increased in the indigenous	
		r indigenous fruits has been decreased. I. To	
		s of fruits, the Government should impose high	
		ven if these are not of good quality. II. The fruit	
	vendors should stop selling imported fruits. So that the demand for		
	indigenous fruits would be in		
	A. Both of them follows	C. Only I follows	
	B. None of them follows	D. Only II follows	
0.207	If $a - b = 3$ and $a2 + b2 = 29$ ,	The second secon	
	A. 10	d 15	
	B. 12	D. Both A and B	
Q.208	Charles and A to the second	total ban on tobacco products and smoking in	
	India? Arguments (I) Yes. It is wrong to smoke away millions of money. (II)		
	No. It will throw thousands of workers in the tobacco industry out of		
		vernment will lose huge amount of money as it	
	will not earn by way of taxes	on these products,	
	A. None is strong	C. Only II is strong	
	B. Only I and II are strong	D. Only II and III are strong	
Q.209	The same of the sa	log whose leash has broken. James is directly	
N. PERSONAL	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	C. Rachel	
	B. Ruby	D. Max	
0.210	Country with the highest mu		
	A. Pakistan	C. Indonesia	
	B. Malaysia	D. Iran	
	775 V 215 775 775 V 275 775 V	ACT ATTEM	

As we know there is lot of mistakes in answer keys of PMC Practice tests, so I have decided to rectify all in proper in SKN STUDY GROUP

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