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	11	
	A. freezed, continuous	B. freezed, line	
	 C. volatilized, line 	D. volatilized, continuous	
Q.3	is a macromolecule found in blood		
	A. Hemoglobin	B. płasma	
	C. creatinine	D. plasmids	
Q.4	[Fe (CN)s]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	ted 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. Ionre Bond	B. Chemical bond	
	C. Intermolecular forces	D. Intramolecular forces	
Q.8	Electrode Potential is developed when 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. Joule	B. Kilojoules	
	C. watt	D. no unit	
Q.10	Which of the following give silver mirror test?		
	A. Butanal	B. Methanal	
	C. Ethanal	D. All of these	
Q.11	Acetic acid is soluble in;		
	 A. Water, Alcohol, Ether 	B. HCl, HBr, HI	
	C. Bromine water	D. All of these	
Q.12	If Water is present on a cup placed or	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 Translation	D. All of these	
Q.15	In NaCl crystal, chloride ions present at the face center are distributed in		
	A. One Unit Cell	B. 8 Unit cells	
	C. 4 Unit cells	D. 2 Unit cells	
Q.16	Actual yield is always less than theoret	ical yield due to	
	A. Operational losses	B. reaction reversibility	
	C. side reaction	D. all of these	
Q.17	Legumine & collagen protein are prese	ent in which type of body tissues:	
	A. Cardiac	B. Epithelial	
	C. Connective	D. Epidermis	
Q.18	The increase in size of an anion is due	to increase in repulsion of	
	A. electron-proton	B. electron-electron	
	C. electron-nucleus	D. proton-nucleus	
Q.19	Graphite has a structural similarity wi	th	
	A. B ₂ H ₆	B.B.C	
	C. B	D. BN	
Q.20	The order of reaction for which half-li	fe is inversely proportional to the	
	concentration of reaction is		
	A. Second Order	B. 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 benzen	e 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 the benzene ring		
	D. None of these		
Q.23	What is the color of silver acetylide, Ag	gC≡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 v	vater is?	

	 A. Raised than the normal 	 B. Lower than the normal 		
	C. Lower than the freezing point	D. All of these		
Q.26				
	A. hydrogen	B. ethers		
	C. carboxylic acid	D. formaldehyde		
Q.27	The temperature at which one crysta	alline form changes to other is called		
	_temperature			
	A. critical	B. absolute		
	C. transition	D. none of these		
Q.28	Fuels with higher octane number car	n be produce by?		
	A. Cracking	B. Reforming		
	C. Decomposition	D. Isomerisation		
Q.29	Which one of them is used as an auto	omobile antifreeze		
	A. Ethanol	B. ethene		
	C. ethylene glycol	D. propene		
Q.30	How meta directing groups affect the	e Electrophilic substitution of benzene ring?		
	A. Increase electron density at ortho, para position			
	B. Decrease electron density at ortho a	nd para positions		
	C. Make benzene less reactive			
	D. Both B and C			
Q.31	In case of HOCH-CH-CH-COOH, fr	om were numbering is started ?		
	A. OH group is given number 1			
	B. Carboxylic acid is given Number 1	position		
	C. COOH is given number 3 position			
	D. COOH is given number 4 position			
Q.32	vapor pressure is measured by calcu	lating 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 enthalpy?			
	A. Combustion	B. Neutralization		
	C. Atomization	D. All of these		
Q.35	Instantaneous dipole is produced wh	en?		
	A. Two polar molecules come closer			
	 B. Two non-polar molecules comes clo 	B. Two non-polar molecules comes closer		
	C. Polar and nonpolar molecule comes closer			
	D. All of these			
Q.36	How will the conditions be changed	to prevent the volume of the given gas from		
	expanding when its mass is increased	1		
	A. Temperature and pressure increased	Į.		

	B. Temperature is lowered and pressu	re decreased	
	C. Temperature and pressure increased		
	D. Temperature is lowered and pressure increased		
Q.37	The state of the s		
	A. On heating	B. Immediately	
	C. After 5-10 minutes	D. After 20 minutes	
Q.38		solvent because of which properties?	
	A. Polar nature of water	B. H-bonding	
	C. Electronegativity difference	D. All are correct	
Q.39		y change is always exothermic in nature?	
Qios	A. Enthalpy of combustion	B. Enthalpy of solution	
	C. Enthalpy of formation	D. Enthalpy of atomization	
Q.40	Octane number of n-heptane is	D. Emilapy of atomization	
Q.40	A. 0	B-100	
	C. 40	D. 98	
0.41			
Q.41	Which of the following is not arom: A. Anthracene		
		B. Naphthalene	
0.42	C. Phenol	D. None of these	
Q.42			
	A. formic acid	B. acetic acid	
	C. benzoic acid	D. amino acid	
Q.43	A L	n in subshells or sub energy levels is	
	A. 2l+1	B. 2(l+1)	
	C, 2(2l+1)	D. 2(21-1)	
Q.44		stable compound, the attractive forces will	
	repulsive forces and the potentia		
	A. recessive, higher	B. dominate, minimum	
	C. dominate,maximum	D. recessive, lower	
Q.45			
	A. 2,1	B. 1,1	
	C. 0,1	D. 0,2	
Q.46	What will be density of CH4 at C and 1 atm		
	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 most reactive towards Mg atom?	
	A. Alkyl bromide	B. Alkyl fluoride	
	C. Alkyl chloride	 D. Alkyl iodide 	
Q.49	Boiling point of hydrides of 4th per	iod is larger than?	
	A. 5th period	B. 3rd period	

	C. 6th period	D. 7th period	
Q.50	sodium-11 has electronic configura	ntion	
	A. [He] ² s ¹	B. [Ne]3s1	
	C. [Ne] ³ s ²	D. [He] ² s ²	
Q.51	When are the prefixes ortho, para,	, and para used?	
	A. In alkynes to identify the position of triple bond		
	B. In arenes to identify the position first substitution		
	C. In arenes to identify the position s	second substitution	
	D. In all hydrocarbons to identify the	position functional group	
Q.52	Which of the following is an example of 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 be	
	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. MnSiQ ₃	
Q.55	Calculate mass in grams of 8.694 n	noles of Ag ₂ CO ₃	
	A. 1417.53g	B. 2399.544g	
	C. 3456.78g	D. 1231.98g	
	В	IOLOGY	
Q.56		us for particular biological traits includes?	
Q.56			
Q.56	The process of determining the loc	us for particular biological traits includes?	
Q.56 Q.57	The process of determining the loc A replication C. gene mapping	us for particular biological traits includes? B. recombination	
	The process of determining the loc A replication C. gene mapping	us for particular biological traits includes? B. recombination D. none of these	
	The process of determining the loc A replication C. gene mapping The attraction between water mole	B. recombination D. none of these cules and cell wall of xylem is termed as:	
	The process of determining the loc A. replication C. gene mapping The attraction between water mole A. cohesion	B. recombination D. none of these cules and cell wall of xylem is termed as: B. tension D. imbibition	
Q.57	The process of determining the loc A replication C. gene mapping The attraction between water mole A. cohesion C. adhesion	B. recombination D. none of these cules and cell wall of xylem is termed as: B. tension D. imbibition	
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Q.57 Q.58	The process of determining the loc A. replication C. gene mapping The attraction between water mole A. cohesion C. adhesion Gametes in animals are produced A. mitosis C. fission	B. recombination D. none of these ecules and cell wall of xylem is termed as: B. tension D. imbibition by which of the following? B. meiosis D. all of these	
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Q.57 Q.58 Q.59	The process of determining the loc A, replication C, gene mapping The attraction between water mole A, cohesion C, adhesion Gametes in animals are produced A, mitosis C, fission A neural pathway that controls an A, Nerve cell C, Receptor cells Who discovered the bacteria causi techniques of media preparation a A, Robert Koch C, Alexander Fleming The ability to pass on genes is define	B. recombination D. none of these recules and cell wall of xylem is termed as: B. tension D. imbibition by which of the following? B. meiosis D. all of these action reflex is called: B. reflex arc D. Mixed nerve ng tuberculosis and also developed various and maintenance of pure culture? B. Louis Pasteur D. leeuwenhoek ned as which of the following?	
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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 when they reached at?			
	A. stomach	B. pancreas		
	C. small intestine	D. large intestine		
Q.64	Proteins and lipids are converted into glycolipids and glycoproteins by adding			
	carbohydrates by?			
	A. ribosomes	B. cytoplasm		
	C. golgi apparatus	D. endoplasmic reticulum		
Q.65	What is the color of Xanthophyll pigment?			
	A. Yellow	B. Red		
	C. Orange	D. Green		
Q.66	What type of atom is a carbon a	ntom?		
	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 m	ost likely to occur in a boy during puberty?		
	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 coelom is d	escribed as		
	A. To increase the size of the anii	mals		
	B. To help in the functioning of a	eproductive system		
	C. To provide space for the devel	opment of organs and systems		
	D. all of these			
Q.70	What structure marks the sepa	ration between two sarcomeres?		
	A. I band	B. H zone		
	C. A band	D. Z line		
Q.71	Number of substrate molecules	converted into product by one molecule of		
	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 n	nany faces?		
	A. 20	B. 30		
	C. 10	D. 40		
Q.73	Ribonucleoprotein particles are	the name of?		
	A. RNA	B. DNA		
	C. Nucleus	 D. Eukaryotic ribosomes 		
Q.74	The homologous organs show si	imilarity in		
	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 organ 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. nervous system	
Q.78	An activated enzyme made of	polypeptide chain and a cofactor is?	
	A. substrate	B. coenzyme	
	C. apoenzyme	D. holoenzyme	
Q.79	Which of these is the function:	al unit of lungs2	
	A. alveoli	B. bronchioles	
	C. air-sac	D. bronchi	
Q.80	How many pairs of homologou	s chromosomes are present in Pisum sativum?	
	A. 5	B. 6	
		D. 8	
Q.81	What type of virus is the small		
	A. DNA enveloped virus	B. RNA enveloped virus	
	C. DNA virus	D. RNA naked virus	
Q.82	The spermatic cord and spern		
	A. the same	B. different	
	C. same in function	D. same in location	
Q.83	One of these animals is a proto		
	A. Alligator	B. Penguin	
001	C. Porcupine	D. Spiny anteater	
Q.84			
	A. Green plants C. Animals	B. green algae	
0.05		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 th	rough change in hygiana	
	D. none of these	rough change in hygiene	
Q.86	Thymus is found in human bo	dy in	
Q.00	A. in the medulla oblongata	dy III —	
	B, in the mediastinum of the upp	per thorax	
	C. both A and B are correct	ACT HIOTON	
	D. None of these		
Q.87	When a muscle fibre shortens,	the following also shortens:	
6.01	nen a museie note snottens,	the following also shortens.	

	A. actin filament	B. Sarcomere	
	C. Both A and B are correct	D. myosin	
Q.88	Which of the following is an ovovi	viparous organism?	
	A. reptiles	B. mammals	
	C. frog	 D. Duckbill platypus 	
Q.89		Control of the Contro	
	A. Integral proteins of the plasma membrane		
	B. Proteins that bind to ion-gated ch		
	C. Proteins which randomly bind to lipids of the plasma membrane		
	D. Peripheral proteins of the plasma	A A	
Q.90	True breeding variety is produced by which of the following?		
	A. Cross fertilization	B. Self-fertilization	
	C. both a and b	D. none of these	
Q.91	Which of the following is an example of superficial reflexes?		
	A. ankle jerk	B. Knee jerk	
	C. abdominal reflex	D. Both A and B	
Q.92	What is the least common electron	n transport chain?	
	A. non-cyclic electron flow	B. cyclic electron flow	
	C. circular electron flow	D. both b and c	
Q.93	What is the length of spinal cord?		
	А. 10-20 ст	B. 20-30cm	
	C. 40-50cm	D. 60-90 cm	
Q.94	In sponges fertilization takes place	e in which of the following?	
	A. Ectoderm	B. Endoderm	
	C. Uterus	D. Mesenchyme	
Q.95		oes 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 ki	rebs cycle?	
	A. malate	B. succinate	
	C. oxaloacetate	D. fumarate	
Q.97			
	A. Fe ²⁺	B. Zn ²⁺	
	C. Cu ²⁺	D. Mg ²⁺	
Q.98	Nontoxic vitamins include which of	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 continuous		
	A. Kernel colour in wheat	 B. Skin colour in humans 	

	C. Height in humans	D. Tongue rolling in humans
Q.100	Which of the following is a unique	ue characteristic of prokaryotic cells?
	A. Lack of a cytoplast	
	B. Presence of a cell wall	
	C. Inability to create proton gradie	ents
	D. mRNA translation simultaneou	s to transcription
Q.101	Which bond provides stability to	o complex carbohydrate molecules?
	A. C-H	B. C-N
	C. C-O	D. C-C
Q.102	The number of water soluble vit	Character and took
	A. 3	В. 6
	C. 9	D. 12
Q.103	What is the approximate value of	of the active membrane potential?
	A. 0.07V	B50 mV
	C. 0.05 V	D. Both a and b
Q.104	If we add more substrate to alre	ady occurring enzymatic reaction and it has no
	affect on the rate of reaction, the	process is called?
	A. denaturation	B. saturation
	C. composition	D. inhibition
Q.105	The number of stages involved i	
	A.2	B. 3
	C.4	D. 5
Q.106		in example of which of the following?
	A. Heterotrophic bacteria	B. Saprotrophic bacteria
2	C. Chemosynthetic bacteria	D. Photosynthetic bacteria
Q.107	THE STREET STREET	bacterial reproduction is most similar to mitosis?
	A. transduction	B. transformation
	C. binary fission	D. conjugation
Q.108	Saponification number describe	
	A. Unsaturation in fat	B. Average molecular weight of fatty acid
0.100	C. Acetyl number	D. Acid number
Q.109	Who proposed starch sugar hyp	
	A. Sager	B. Dixon D. Drebs
0.110	C. Mohi	20. T. 1980 T. 1984 T.
Q.110	Which statement best describes	•
	A. Recessive alleles eventually disappear in large populations.	
		are impossible to predict mathematically.
	C. Dominant alleles become more	End of the experience of any the first of the first of the control
	 When there is a large populational allele frequencies. 	n, the mechanism of inheritance does not change
0.111		down or removal of the capsid
Q.111	A. assembly	B. uncoating

	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?		
	A. 2	B. 3	
	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?		
	A. Proton Nucleus	B. Nucleus	
	C. Nucleoplasm	D. Nucleoid	
Q.115	Which condition can be explain		
	A. How giraffes got their long nec		
	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?	
1700000	A. Robert Hooke	B. Robert brown	
	C. rudolph Virchow	D. lorenz oken	
Q.117	The canal system in sponges dev	clops due to which of the following?	
	A. Porous walls	B. Gastrovascular system	
	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 t	rue characteristic of spermatogonia?	
	A. They develop into primary spermatocytes through mitosis		
	B. They are undifferentiated	Security and control of the second of the control o	
	C. They are germ line cells		
	D. They are haploid		
Q.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 th	e ETC in animals?	
	A. ATP	B. carbon dioxide	
	C. water	D. both a and c	
Q.123	During transport of carbon dio	xide, blood does not become acidic due to:	
	A. Blood buffer	B Neutralization of H2CO3 by Na2CO3	

C. Absorption by leukocytes

D. Non-accumulation

PHYSICS

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

 $A. v^2 = F/m$

B. v = F/m

 $C. v \times m = F$

 $D. v = F \times m$

Q.126 Momentum of a photon is

A. 0

R.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

 $B. F = qB^2$

CF = 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

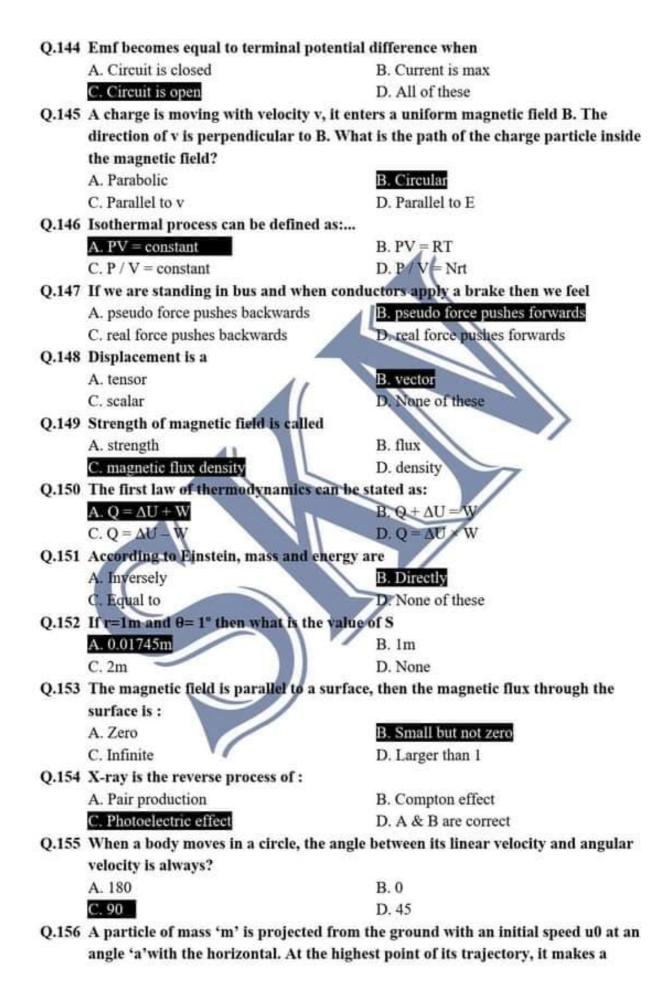
C. Electric charge per unit time

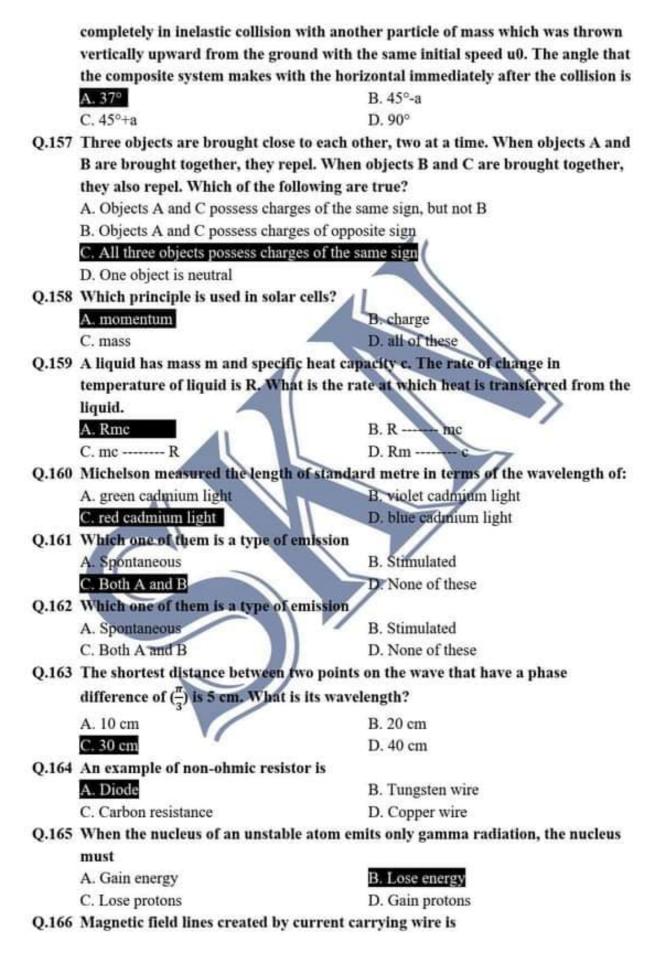
D. Current per unit time

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

		arallel to the energy transfer direction of propagation	
	of wave = perpendicular to the energy transfer		
	C. Displacement of medium = pe	erpendicular to the energy transfer direction of	
	propagation of wave = parallel to	the energy transfer	
	D. Displacement of medium = p	erpendicular to the energy transfer direction of	
	propagation of wave = perpendic	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
0.135	The bridge rectifier is preferred to an ordinary two diode full wave rectifier		
-	because		
	A. It needs much smaller transfo	ormer for the same output	
	B. No center tap required	The same super	
	C. Less PIV rating per diode	1	
	D. All of the above		
0.136	Ohm's law is valid when the te	mnoveture of conductor is a	
Q.130			
	A. Very low	B. Very high	
	C. Varying	D. Constant	
Q.137	Mass and energy are related to		
	A. Newton's law	B. Einstein law	
	C. Coulomb law	D. All of these	
Q.138	The nuclear forces are conside		
	A. Strong force	B. Weak force	
	C. Electromagnetic force	D. All of these	
Q.139	Which, among the following q	ualities, is not affected by the magnetic field?	
	A. Moving charge	B. Charge in magnetic flux	
	C. Current flowing in conductor	D. Stationary charge	
Q.140	A line normal to the wavefron	, showing the direction of propagation of light is	
	called;		
	A. Tangent	B. Radius	
	C. Wavelength	D. Ray of light	
Q.141	If N is the number of molecule	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 × NA	
0.142	The second secon	one hour. In which of the following cases the	
	average velocity is zero?		
	A. Car travels 20 km due east		
		en turns around and travels 40 km due west	
	C. Car travels 70 km due east	ien tarns around and travels 40 km due west	
	Second care of the second seco	hen turns around and travels 30 km due east	
0.143			
Q.143		to convert 50Hz AC into DC, then the number of	
	pulses present in rectifier volta	Mark and	
	A. 25	B. 50	
	C. 100	D. 75	





	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 circuit is 45 volts and current 30 Amp?		
	A. 1.6 ohm	B. 1.5 ohm	
	C. 1.7 ohm	D. 1.8 ohm	
Q.170	The phase angle between two point	ts is 3 π . The distance between these points is	
	15 cm. What is the wavelength of t		
	A. 30 cm	B:45 cm	
	C. 5 cm	D. 10 cm	
Q.171	Steady current does not change with respect to		
	A. conductor	B. source	
	C. time	D. potential difference	
Q.172	A bullet of mass 10 g leaves a rifle	at an initial velocity of 1000 m/s and strikes	
	earth at the same level with a velocity of 500 m/s, the work in overcoming the		
	resistance of air will be:		
	A. 500J	B. 5000J	
	C. 3750J	D. 475J	
Q.173	Voltage in secondary winding is	to current in secondary coil	
	A. Directly proportional	B. Inversely proportional	
	C. Directly squared proportional	D. Not enough information	
Q.174	In a periodic wave, the distance be	tween second and fifth crests is 15 cm, what is	
	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 associated with an electron, accelerated		
	through a potential difference of 2		
	A. 1nm	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 travels 70 km due east		
		urns around and travels 20 km due west and car	
	travels 20 km due east		
		r travels 40 km due east, then turns around and	
	travels 20 km due west		

D. Car travels 30 km due west, the	en turns around and travels 30 km due east and car	
travels 40 km due east, then turns	around and travels 20 km due west	
Q.177 In a centre tap full wave rectifie	In a centre tap full wave rectifier if Vm is the peak voltage across the secondary	
of transformer, the maximum ve	of transformer, the maximum voltage across reverse bias is	
A. Vm	B. Vm	
	√2 V	
C. 2Vm	B. $\frac{\text{Vm}}{\sqrt{2}}$ D. $\frac{\text{Vm}}{3}$	
O.178 C14 has half-life 5700 years. At t	he end of 11400 years, the actual amount left is	
A. 0.0625 of original amount	B. 0.5 of original amount	
C. 0.25 of original amount	D. 0.125 of original amount	
70	pacitance 2µF and 4µF. With which type of	
	connection will the 4µF capacitor have a 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	
	ENGLISH	
O 191 They have been your aloce fular	ds until they quarelled over a petty issue.	
A B	D D	
A. They have been	B. very close friends	
C. until they quarelled	D. over a petty issue.	
Q.182 I English since my childle		
A. study	B am studying	
C. have been studying	D. studied	
Q.183 Some of the books on the table	to me.	
A. belong	B. belonging	
C. belongs	D. was belong	
Q.184 Have you the examinat		
A. Take	B. Took	
C. Taken	D. Taking	
Q.185 We went to the President as a la		
A. Recourse	B. Resort	
C. Resource	D. Resound	
Q.186 Mrs Rose planning to do a cours	se in Biology next week.	
A. are planning	and the state of t	
	B. plans	
C. with a plan	B. plans D. planning	
C. with a plan Q.187 There was article	D. planning	
104 C 1 A C C C C C C C C C C C C C C C C C	D. planning	

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 Lahore.	
	A. living	B. are living	
	C. lives	D. live	
Q.192	Sumaira was surprised when h	er boss didn't the dinner they had at the	
	restaurant.		
	A. buy	B. pay	
	C. pay for	D. spend	
Q.193	The two machines	considerably. 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 city for good.		
	B. Did you know that they're leaving the city for good?		
	C. Did you know that the yre lea	ving the city for good?	
	D. Did you know that theyre lear	ving the city for good.	
Q.195	We have small i	nouse in village in	
0.2500000	Netherlands.		
	A. the ana	B. ana the	
	C. aathe	D. aan the	
Q.196	I'm now going to give you 10 .,	tips for running a really successful web	
100000	site.	######################################	
	A. învaluable	B. valueless	
	C. unworthy	D. unprofitable	
Q.197	Choose the correct sentence.		
	A. "Trust me, I know what I'm o	loing," Bilal said. "Your car is not hard to fix."	
	B. "Trust me, I know what I'm doing," Bilal 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 o	loing," Bilal said. Your car is not hard to fix.	
Q.198	They will bake the pies. Which	[20] [20] [20] [20] [20] [20] [20] [20]	
	A. Present	B. Past	
	C. Future	D. Universal	
Q.199	None of them able to solv	e this question.	

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

. .

В

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

- O.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

fact I. The boy have red sports car

II. He have 2 corolla

III. His favorite color is red

A. Only I and II

B. Only 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:

 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. glassary

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 projudice 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