PMC PRACTICE TEST 04

BIOLOGY

Q.1	At which times there is no net gaseous exchange between leaves and the		
Q.1	atmosphere?		
	A. Day	B. Night	
	C. Dawn and Dusk	D. Midnight	
Q.2	Competitive inhibition can be overcon	ne by using	
Q.2	A. Low concentration of substrate	B. High concentration of inhibitor	
	C. Moderate concentration of inhibitor	D. High concentration of substrate	
Q.3	These animals show radial symmetry.		
Q.5	A. Chordates	B. Annelids	
	C. Cnidarian	D. Round worms	
Q.4	The branch that deals with the study of	of viruses is known as?	
2.,	A. Entomology	B Bacteriology	
	C. Virology	D. Epidemiology	
Q.5	Which statement is incorrect?		
2.0	A. In short day plants red light prevents	flowering	
	B. In long day plants for red light promo	tes flowering	
	C. Leaf unrolling occurs in grasses		
	D. Henbane is a short-day plant		
Q.6	Outbreeding increases which of the fol	llowing?	
	A. Homozygosity	B. Heterozygosity	
	C. Gene linkage	D. Gene pool	
Q.7	A neuron located in the central nervou	is system that projects its axon outside	
	the CNS is called:		
	A. Motor nerve	B. Sensory nerve	
	C. Both A and B	D. Mixed nerve	
Q.8	The neurons responsible for converting	g various external stimuli that come	
	from the environment into correspond		
	A. Motor nerve	B. Sensory nerve	
	C. Both A and B	D. Mixed nerve	
Q.9	A surfactant is essential for:	service of the service of almosti	
		Maintaining structural integrity of alveoli	
	C. Dom 11 min 15	None of these	
Q.10			
	A. Ex breeding	B. Breeding	
	C. Inbreeding	D. Outbreeding	
Q.11	In cocci, three plane division result in	B. Square of 4 cocci	
	A. Cuba of 8 cocci	D. Triangular 6 cocci	
0.43	C. Irregular structure	-	
Q.12		B. Apoenzyme	
	A. Coenzyme	D. Proenzyme	
0.12	C. Holoenzyme	D. Flociizyine	
Q.13	Cellulose is the major component of?	B. Secondary wall	
	A. Primary wall C. Middle lamella	D. All of these	
0.14	Aschelminthes is also known as which		
Q.14	A. Protozoans	B. Eumetazoa	
	C. Protoctist ancestors	D. Nematodes	
	C. 1 (Olovila) university		

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Q.15			
	are?	and the second second	
	A. Codominant	B. Epistasis	
	C. Polygene	D. Pleiotropy	
Q.16	Example of convergent evolution is		
	A. Forelimbs of man and bat	 B. Wings of birds and insects 	
	C. Darwin's finches	D. All of above	
Q.17	Final acceptor of electrons in respiratory	chain is?	
	A. NADH	B. Cytochrome a3	
	C. Water	D. Oxygen	
Q.18	The internal buds are known as which of	the following?	
	A. Spicules	B. Choanocytes	
	C. Gemmules	D. Both A and B	
Q.19	Darwins theory mainly focuses on		
	A. Origin of life	B. How organs extinct	
	C. How new species arise	D. How organisms form	
Q.20	Which of the following bacteria possesses	a spherical shape?	
	A. Bacillus anthracis	B. Escherichia coli	
	C. Spirillum minus	D. Staphylococcus aureus	
Q.21	The spent energy in the form of ADP is r	egenerated by mitochondria into	
	which of the following form?		
	A. AMP	B. ATP	
	C. ADP	D. All of these	
Q.22	What are T-Cells and their role in HIV is	nfection?	
	A. A type of lymphocytes		
	B. Present in blood and work as defence sy	stem	
	C. They kill the foreign invader		
	D. All of these		
Q.23	Reflex action is a type of:		
	A. Voluntary action	B. Involuntary action	
	C. Saltatory conduction	D. None of these	
Q.24			
	A. 1918	B. 1917	
	C. 1920	D. 1990	
Q.25			
	A. Proteins	B. Lipids	
	C. Enzymes	D. Chemicals	
Q.26			
	A. Carboxyhemoglobin	B. Plasma proteins	
11277022	C. Bicarbonate ions	D. In dissolved form	
Q.27			
	selection occur?		
	A. Gene	B. Individual	
	C. Group	D. All of these	
Q.28			
	A. Digestive system	B. Reproductive system	
200	C. Respiratory system	D. Excretory system	
Q.29	그리고 하면 없는데 살아 하면 다 있다. 그렇게 하면 하면 되었다면 하는데 하는데 하는데 하는데 하는데 하다.		
	A. Liquid medium	B. Protection	
	C. Nourishment	D. All of these	

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Q.30	The structure of which bacteriophage resembles a tadpole?	
	A. T2	B. T4
	C. Both	D. None
Q.31	The movement of minerals or water via extracellular pathway is known as:	
	A. Symplast	B. Apoplast
	C. Vascular	D. None of these
Q.32	Which one of the following is not a	feature of the nervous system of Planaria?
	A. Nuerons are differentiated into sen	3
	B. Nerves are present.	
	C. No specialized sensory organs are	present.
	D. All of the above.	
Q.33	The researcher notices that round s	seeds occur naturally in the environment.
15.54		hat can the researcher conclude about the
	round phenotype?	
	A. It is dominant	B. It is recessive
	C. It is wild type	D. Both a and b
Q.34	What molecule would you not expe	
2.0.1	A. Adenine	B. Thymine
	C. Uracil	D. Guanine
Q.35	Ribose is a monosaccharide constitu	
Que	A. Enzymes	B. Coenzymes
	C. Vitamins	D. Antibiotics
0.36	The retinal is important for	of human
Que	A. Vision	B. Metabolism
	C. Muscle contraction	D. Muscle twitch
Q.37	An entire skeletal muscle is surrour	The state of the s
Q.o.	A. Sarcolemma	B. Epimysium
	C. Both A and B	D. Microtubules
Q.38	Which of the following best describ	
Qieo	A. Covalently bonded non-protein par	
	B. Cofactor consists of metal ions	the carry me
	C. Loosely bonded non-protein part o	f an enzyme
	D. Both A and B	an enzyme
Q.39		seen, each myosin is surrounded by how
2.07	many actin molecules?	cen, each myosin is surrounded by now
	A. 5	B. 6
	C. 7	D. 8
Q.40	How is pyruvate produced in anaer	
Q.10	A. Alcoholic fermentation	B. Lactic acid fermentation
	C. Respiration	D. Both A and B
Q.41	The stretch reflex is also known as:	
2.11	A. Stretch reflex	B. Spinal reflex
	C. Golgi tendon reflex	D. Myotatic reflex
Q.42	The process that secretes insulin fro	
Q.42	A. Endocytosis	B. Pinocytosis
	C. Phagocytosis	D. Exocytosis
Q.43	Which cells produce oogonia in ova	
Q.43	A. Stromal cells	B. Epithelial cells
	C. Germ cells	D. Theca cells
	C. Gelli cells	D. Theen cens

Q.44	Study of fossils is called		
	A. Mammalogy	B. Palaeontology	
	C. Herpetology	D. Ornithology	
Q.45	During birth which of following act as birth canal?		
	A. Oviduct	B. Ovary	
	C. Uterus	D. Vagina	
Q.46	Which part of the brain connects	s the cerebrum with the spinal cord?	
	A. Forebrain	B. Cerebrum	
	C. Cerebellum	D. Brainstem	
Q.47	Which of the following are believe	ved to have common origin with annelids?	
	A. Nematodes	B. Arthropods	
	C. Molluscs	D. None of these	
Q.48	Which statement is incorrect abo	out Lock and Key Model?	
	A. Specific enzyme can transform	only a specific substrate	
	B. Active site of an enzyme is a no	on-flexible structure	
	C. Active site does not change before	ore during or even after the reaction	
	D. It explains the mechanism of ev		
Q.49	Another name for the sex cell is:		
	A. Hormone	B. Gamete	
	C. Zygote	D. Testicle	
Q.50	The cluster of pouches opened fr	om alveolar ducts is known as	
	A. Bronchi	B. Bronchioles	
	C. Pharynx duct	D. Alveoli	
Q.51	The water splitting step of photo	synthesis is called?	
	A. Hydrolysis	B. Chemiosmosis	
	C. Photolysis	D. Photosynthesis	
Q.52	A chromosome in which a centre	omere stays at one end is called?	
	A. Metacentric	B. Telocentric	
	C. Acrocentric	D. All of these	
Q.53	Which of these is the best treatm	ent for osteoarthritis?	
	A. Bed rest	B. Exercise	
	C. Cast	D. None of these	
Q.54	Which of the following elements	are not found in carbohydrates?	
	A. C	B. H	
	C. N	D. O	
Q.55	1/	es no permanent damage to the lungs and	
	lasts for two weeks is known as		
	A. Acute bronchitis	B. Chronic bronchitis	
	C. Coastal bronchitis	 D. Intercostal bronchitis 	
Q.56	Which of the following is not a v		
	A. Smallpox	B. Mumps	
	C. Tetanus	D. Cowpox	
Q.57	Secondary oocyte is ovulated fro		
	A. Corpus luteum	B. Graafian follicle	
	C. Primary follicle	D. Germinal epithelium	
Q.58		dent assortment, what is the possible number	
		nes can assort to independently in the	
	gamete?	4201 1/2010 1/2010 1/2010	
	A. 16,777,216	B. 2,048	
	C. 4.194.304	D. 8.388.608	

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Q.59 The last common ancestor of humans is known to be which of the following?

A. Homo neanderthalensis

B. Lemuroidea

C. Dromaeosaurus

D. Pan troglodytes

Q.60 Which of the following statements correctly describes how the host cell membrane is changed by viral replication?

A. Pores develop.

B. Glycocalyx layer is formed.

C. Membrane is resynthesized

D. Viral proteins are acquired.

Q.61 Which of the following is a compensation point?

- A. Leaves respire and utilize O2 and release CO2.
- B. Photosynthesis and respiration occur at same rate. So there is not net exchange of gases between atmosphere and plants.
- C. Rate of photosynthesis increases, so do the O₂ production, with a net release of oxygen coupled with the uptake of CO₂
- D. Rate of respiration becomes more than rate of photosynthesis. 16 Net yield of H₂O in Photosynthesis is

Q.62 Which of the following is not a sterilization method for the control of bacteria?

A. Radiation

B. Filtration

C. High temperature

D. Antiseptics

Q.63 Which hormone is produced mainly by corpus luteum in the ovary following ovulation?

- A. Progesterone
- B. FSH
- C. LH
- D. Chorionic gonadotrophic hormone

Q.64 According to the induced fit model, what happens when an enzyme-substrate complex is formed?

- A. The contact between the substrate and the enzyme causes a change in the shape of the active site.
- B. The shape of the substrate and the shape of the active site are complementary to each other.
- C. The substrate fits into the active site and forms bonds with the amino acids at the active site.
- D. All of the above.

Q.65 How are flat worms not similar to round worms?

- A. They are both acoelomates.
- B. They are both triploblastic.
- C. They both show bilateral symmetry.
- D. They are both worms.

Q.66 Which type of sensory structures carrying the touch sensations are present in papillae extending into ridges of the fingertips?

A. Hair end organs

B. Pacinian corpuscles.

C. Meissner's Corpuscles

D. All of these

Q.67 The animals which belong to division Radiata is/are?

A. Triploblastic

C. Radioblast

B. DiploblasticD. All of these

Q.68 Enzymes are globular proteins because:

A. They have a primary structure.

B. They have a secondary structure.

C. They have a tertiary structure.

D. All of the above.

CHEMISTRY

Q.69	Carbon dioxide is an Example of	
	A. Ionic Solid	B. Metallic Solid
	C. Molecular Solid	D. Covalent Solid
Q.70	Which one of the following is an electrop	ohile?
	A. Br+	B. CH ₄
	C. NH ₃	D. H ₂ O
Q.71	Glycerol can also be termed as	
	A. I – butanol	B. 1, 2, 3 - propanetriol
	C. 2 - methyl - propanol	D. Isobutyl alcohol
Q.72	Isopentane is an example of?	
	A. Aromatic compounds	B. Branched chain compound
	C. Alicyclic compounds	D. None of these
Q.73	The unit used to express the relative ator	mic mass is called
	A. Gram unit	B. Avogadro's number
	C. Atomic mass	D. Atomic mass unit
Q.74	The specific site at which substrate is att	ached on the enzyme and converted
	into product is called as?	
	A. Reaction site	B. Active site
	C. Binding site	D. None of these
Q.75	Metallic character depends on	
	A. Electron Affinity	B. Ionization energy
	C. Electronegativity	D. All of these
Q.76	Which of the following method is used to	
	A. Distillation	B. Fermentation
	C. Dehydration	D. Ozonolysis
Q.77	H bonding is not present in which of the	
	A. DNA	B. Proteins
0.70	C. Carbohydrates	D. Lipids
Q.78	What is the nature of Carbon present in A. Nucleophilic	B. Electrophilic
	C. Neutral	D. All of these
Q.79	Salt Bridge is used for the purpose of	D. All of these
Q./J	A. Producing Electrons	B. Circuit Completion
	C. Increasing speed of electrons	D. All of these
Q.80	According to Bohr, the orbits in which e	
Q.00	are	ictions revolve in outling the nucleus
	A. Oval	B. Elliptical
	C. Cylindrical	D. Circular
Q.81	Conjugate base of a weak acid is	
	A. Weak	B. Strong
	C. Unstable	D. None of these
Q.82	In balancing it is very important to ident	tify the substance whose
	A. Physical state is changed	B. Oxidation number is changed
	C. Enthalpy is changed	D. All of these
Q.83	Alcohol oxidation gives carboxylic acid t	hrough
	A. Amide	B. Carbonic acid
	C. Ketone	D. Aldehyde

Q.84	and the second s	ess than chiorine as we move down the
	group, this deviation in behavior is	
	A. Small size	B. Seven electron
	C. Thick electronic cloud	D. All of these
Q.85	The general name of ore CaSO ₄ . H	2O is
	A. Gypsum	B. Dolomite
	C. Calcite	D. Plaster of Paris
Q.86	The correct electronic configuratio	n of Cr is
	A. [Ar]4s23d4	B. [Ar] 4s ² 3d ⁴
	C. [Ar] ⁴ s 3d ⁵	D. $[Ar]^4s^13d^5$
Q.87	Half Life $\alpha = \frac{1}{a^{(n-1)}}$ where n is	
	A. Number of reactant molecules	B. Number of moles of reactants
	C. Number of moles of products	D. Order of Reactions
Q.88	Acetaldehyde in the presence of Co	n.H ₂ SO ₄ undergoes?
	A. Dehydration	B. Polymerization
	C. Condensation	D. Oxidation reaction
Q.89	If two substituents are present at 1,	4 positions then the isomer is called
	as?	
	A. Ortho	B. Meta
	C. Para	D. None of these
Q.90	Which of the following properties b	pelong to acetic acid?
	A. Colourless liquid, odourless, sour	taste
	B. Bright colour bitter taste	
	C. Colourless solid, sour taste, punge	nt smell
	D. All are incorrect	
Q.91	The half-life of Uranium is	
	A. 700 Million years	B. 706 Million years
	C. 89 days	D. 710 million year
Q.92	Change in Pressure will only affect	the substances which are in
	A. Liquid state	B. Solid State
	C. Plasma state	D. Gaseous State
Q.93		hows abnormal trend
	A. 3A & 4A	B. 5A & 6A
	C. 6A & 4A	D. 3A & 6A
Q.94	Which of the following is a strong a	icid?
	A. Ethane	B. Ethyl Chloride
	C. Ethanol	D. Phenol
Q.95	Wholar first time prepare urea in l	aboratory in?
	A. 1900	B. 1829
	C. 1850	D. 1828
Q.96	Heat supplied at constant pressure	
	A. Activation Energy	 B. Internal energy change
	C. Entropy	D. Enthalpy
Q.97	Due to less polarizability of Fluorin	ne, it boils at C
	A188.1	B. 188.1
	C. 184.4	D. 184.4
Q.98	In SN2 reactions, the hybridization	of carbon in moving from substart to
	transition state changes from?	
	A. Sp ² to sp ³	B. sp to sp ²
	C. sp³ to sp²	D. sp to sp ³
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Q.99	Which forces are very significant in non-polar molecules like Cl2, H2 and		
	noble gases?		
	A. Dipole-dipole	B. Induced dipole	
	C. London	D. Spontaneous induced dipole	
Q.100	Which of the following is typical tra	nsition element?	
	A. Zn	B. Cd	
	C. Cu	D. Hg	
Q.101	Strong acid can be involved in a spo	ntaneous reaction which is termed as	
	A. Addition Reaction	B. Substitution Reaction	
	C. Neutralization Reaction	D. Reversible Reaction	
Q.102	In electrochemical series reduction p	potential relates to only	
1.30-0.00	A. Real Conditions	B. Standard Conditions	
	C. Positive Values	D. Negative Values	
Q.103	Left-handed helix in proteins second	lary structure is called as ?	
	A. Alpha helix	B. Beta helix	
	C. Spiral	D. Concentrate	
0.104		accommodated in a shell or energy level	
	is calculated by formula		
	A. n ²	B. 2n ²	
	C. 2n	D. 3n	
0.105	Ethane is obtained by electrolyzing		
	A. Potassium formate	B. Potassium succinate	
	C. Potassium acetate	D. Potassium fumarate	
Q.106	PV/nRT for an ideal gas is called		
	A. Expansion factor	B. Depression factor	
	C. Compressibility factor	D. Diffusion factor	
0.107	I is an example of ?		
		3. Nucleophile	
	The state of the s	Q. Both nucleophile and leaving group	
O.108	Temperature and volume in an expe		
	A. Surroundings	B. System	
	C. State of a system	D. All of these	
Q.109	What is the mass of one mole aspart	ame having formula C14H18N2O5?	
	A. 4g	B. 40g	
	C. 50g	D. 1g	
Q.110	Which of the following compound is		
	A. NH ₄ CNO	B. NH ₂ COCH ₃	
	C. NH2CONH2	D. NH ₂ COONH ₂	
Q.111	Evaporation is a process?		
	A. Exothermic	B. Spontaneous	
	C. Non-Spontaneous	D. None of these	
Q.112		ron is zero, the uncertainty in its position	
	would be ?		
	A. Less than zero	B. More than zero	
	C. One	D. Infinite	
0.113	From which of the following ketone	can be prepared?	
	A. Propyne	B. Secondary alcohol	
	C. Ca Acetate	D. All of these	
0.114	On which of the following factors H		
	A. Charge to size ratio	B. Polarizability of anions	

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C. Polarization power of Cations	D. All of these
Q.115 The crude petroleum is separated in	a fraction by
A. Filtration	B. Fractional distillation
C. Steam distillation	D. Fractional sublimation
Q.116 Distillation of calcium acetate and c	alcium formate produces?
A. Formaldehyde	B. Acetaldehyde
C. Acetone	D. None of these
Q.117 After the hydrolysis of ester the cha	nge in concentration of acid at different
intervals is calculated by	
A. Titration with KMnO ₄	B. Titration With Standard Alkali
C. Distillation	D. Evaporation of mixture
Q.118 Most of the enzyme reactions are	?
A. Reversible	B. Irreversible
C. Condensation	D. Oxidation
Q.119 Caustic Soda is made by electrolysis	
A. Nelson's Cell	B. Hg - Cell
C. Castner Kellner Cell	D. All of these
Q.120 Which of the following has six isotop	
A. Palladium	B. Tin
C. Cadmium	D. Carbon
Q.121 K ₂ (Cu(CN) ₄) which one is correct	D. Caroon
A. Potassium tetra cyano recuperate B. Coordination number is 2	
C. The ligand is positively charged	all controls
D. Central atom is present in the avior	
Q.122 An orbital can accommodate at the	CONTROL AND ASSESSMENT OF THE PARTY OF THE P
A. 2	B. 14
C.1	D. 6
Q.123 Which of the following is succinic as	
A. Ethanoic acid	B. Hexanedioic acid
C. Butanedioic acid	D. Propanoic acid
Q.124 Ethyne has which hybridization?	
A. sp³	B. sp ²
C. sp	D. sp²d
PH	YSICS
Q.125 SI Unit of current is?	
A. Ampere	B. Volt
C. Joules	D. Watt
Q.126 When a force is parallel to the direc	
A. Zero	B. Minimum
C. Infinity	D. Maximum
Q.127 Which unit is used in the measurem	
A. m	B. m/s
C. 1/s	D. N
Q.128 Which is not radioactive?	D. N
A STATE OF THE PROPERTY OF THE PROPERTY AND A STATE OF THE	D. Hudengen
A. Ozone	B. Hydrogen
C. Sodium	D. All of these
Q.129 What is the relationship between Po	그리는 어머니 바람이 되었다. 이렇게 어떻게 되었다면 아내가 아니는 아내가 아니다.
A. P=I ² R	B. P=I ² R/2
C. P=IR	D. All of them
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Q.130	A closed container contains an ideal gas. Which	of the following changes will	
	result in decrease in temperature?		
	A. Volume = decrease temperature = decrease		
	B. Volume = decrease temperature = increase		
	C. Volume = increase temperature = decrease		
	D. Volume = increase temperature = increase		
Q.131	In a stationary wave, the distance between adjacent	cent nodes is equal to:	
	Α. λ	Β. 2λ	
	C. \(\lambda \)2	D. λ/4	
Q.132	In stretched string the frequency of vibration is	given by f=1/2L\(\sqrt{F/m}\). In this	
	equation m has dimension		
	A. ML ⁻²	B. ML ⁻¹	
	C. M	D. ML	
Q.133	Magnetic flux is a		
.00 0 701.0000	A. Scalar quantity	B. Vector quantity	
	C. Sometimes scalar sometimes vector	D. None of these	
Q.134	"The heat required to raise the temperature of	one mole of the substance	
-	through 1 K" is called:		
	A. Specific latent heat	B. Mofar heat capacity	
	C. Molar specific heat	D. Specific heat capacity	
0.135	A particle is performing uniform circular motio		
	A. Velocity	B. Acceleration	
	C. Position	D. Momentum	
0.136	First law of thermodynamics is a special case of	The state of the s	
Q.120	A. Newton's law	B. Charles's law	
	C. Conservation of energy	D. Conservation of entropy	
0.137	Acceleration in the Simple pendulum is always		
2	A. Inversely proportional	B. Directly proportional	
	C. Acting negative	D. Independent	
0.138	The nucleus shape is considered to be	D. Histopeliaent	
Q.100	A. Square	B. Rectangle	
	C. Sphere	D. Circular	
0.139	Peak voltage in the output of full wave rectifier		
Qilos	output voltage is	is to the component of	
	A. 10√2	B. $20/\sqrt{2}$	
	C. 20/π	D. 20π	
0.140			
Q.140	When a standing wave is set up in a pipe which	is open from one end, which	
	of the following statements is true?		
	A. Sum of the number of antinodes and the number of nodes is always even		
	B. Wavelength = length string / number of nodes		
	C. The shape of the string at any instant shows a sy	mmetry about the midpoint of	
	the string		
	D. Frequency = number of nodes × fundamental frequency		
Q.141	The angular momentum of photon is	and the amount of the	
	A. Infinite	B. Zero	
ngion*Hen	C. Negative	D. Still not found	
Q.142	Three charges + 3q + q and Q are placed on a st		
	separation. In order to make the net force on q to be		
	A. 3q	B. 2q	
	C. 4q	D. 5q	

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Q.143 The flux is the region where magnetic field A. Changes direction B. Changes strength C. Changes polarity D. No change occur Q.144 In mass-spring system, which of the following does not depend on the initial displacement of the spring? A. Maximum kinetic energy of the mass B. Average speed of the mass C. Total energy of the mass D. Angular frequency of the oscillation Q.145 Current that fluctuates periodically with time is A. DC current B. BC current C. AC current D. Magnetic current Q.146 A circuit that adds positive or negative dc voltage to an input sine wave is called A. Clamper B. Clipper D. Limiter C. Diode clamp Q.147 Why x-rays are used in crystallography A. To prevent interference B. To prevent diffraction C. To perform interference D. To perform diffraction Q.148 Which of the following can have negative temperature coefficient? A. Compounds of silver B. Liquid metals D. Electrolytes C. Metallic alloys Q.149 In adiabatic expansion A. ΔU=0 B. ΔU= negative C. ΔU= positive D. ΔW=0 Q.150 Bones image is shown on x-ray photograph because x-rays can be A. Transmitted through bones B. Reflected by bones C. Absorbed by bones D. Scattered by bones Q.151 The output voltage of a rectifier is A. Smooth B. Pulsating C. Perfectly direct D. Alternating Q.152 Which isotope has highest momentum when moving with same velocity A. Protium B. Deuterium C. Tritium D. All of these have same momentum Q.153 If two photons interact in same direction what will change A. Mass B. Energy C. Intensity D. None of these Q.154 Why should a resistance be introduced in a circuit in series deliberately? A. To increase current B. To decrease current C. To control current D. Just to give a good look to the circuit Q.155 The value of permittivity of material, other than air or space is:... A. Greater than unity B. Less than unity C. Equal to unity D. Zero Q.156 When an object moves on a circular path, then: A. Its displacement is constant B. Its displacement changes due to change in distance C. Its displacement changes due to change in direction of motion D. Its displacement is always zero Q.157 Acceleration of a moving car when brakes are applied is A. Negative B. Zero

	C. Positive	D. Infinite	
Q.158	The clouds are formed when water h	eat	
	A. Absorb	B. Release	
	C. First absorb than release	D. First release than absorb	
Q.159	If velocity of charged particle and magne	etic field are at a fix angle not 90	
	then path will be		
	A. Circular	B. Straight line	
	C. Spherical	D. Helical	
Q.160	All of the following are equivalent to wat	t except	
	A. (Amperes) ² ohm	B. Joules/sec	
	C. Amperes × volts	D. Amperes/volt	
Q.161	Which of the following phenomenon pro	ves that light waves are transverse	
	waves?		
	A. Polarization	B. Refraction	
	C. Interference	D. Diffraction	
Q.162	The frequency of the incident photon aft	er compton effect will:	
	A. Remain constant	B. Increases	
	C. Decreases	D. None of these	
Q.163	When the direction of the force and disp		
	A. Negative	B. Positive	
	C. Zero	D. None of these	
Q.164	An angular velocity of 60 revolutions per		
	A. 1/2π rad/s	B. 120π rad/s	
	C. 30/π rad/s	D. 2π rad/s	
0.165	A transformer steps down from 200V to 50 V. It has secondary winding = 40		
2.200	The state of the s		
2	turns, then windings in primary coll are		
2.200	turns, then windings in primary coil are A. 150	B. 160	
	turns, then windings in primary coil are A. 150 C. 170	B. 160 D. 200	
	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn	B. 160 D. 200 etic field, flux is maximum	
	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree	B. 160 D. 200 etic field, flux is maximum B. 90 degree	
Q.166	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree	
Q.166	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree a performance of	
Q.166	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree a performance of B. Radio choke	
Q.166 Q.167	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree a performance of	
Q.166 Q.167	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree a performance of B. Radio choke	
Q.166 Q.167	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree a performance of B. Radio choke	
Q.166 Q.167	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer	
Q.166 Q.167	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer	
Q.166 Q.167 Q.168	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is re-	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer	
Q.166 Q.167 Q.168	A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is red. D. Is gained	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed	
Q.166 Q.167 Q.168	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is re D. Is gained If a wheel of radius r turns through an a	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed	
Q.166 Q.167 Q.168	A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is red. D. Is gained If a wheel of radius r turns through an a	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed ngle of 30°, then the distance es is?	
Q.166 Q.167 Q.168 Q.169	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is re D. Is gained If a wheel of radius r turns through an a through which any point on its rim move A. π/3r C. π/30r	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed ngle of 30°, then the distance is is? B. πr/6 D. π/180r	
Q.166 Q.167 Q.168 Q.169	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is re D. Is gained If a wheel of radius r turns through an a through which any point on its rim move A. π/3r C. π/30r The phase angle between two points in a	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed ngle of 30°, then the distance is is? B. $\pi r/6$ D. $\pi/180r$ medium is $\frac{3\pi}{4}$. If the distance	
Q.166 Q.167 Q.168 Q.169	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is re D. Is gained If a wheel of radius r turns through an a through which any point on its rim move A. π/3r C. π/30r	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed ngle of 30°, then the distance is is? B. $\pi r/6$ D. $\pi/180r$ medium is $\frac{3\pi}{4}$. If the distance	
Q.166 Q.167 Q.168 Q.169	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is re D. Is gained If a wheel of radius r turns through an a through which any point on its rim move A. π/3r C. π/30r The phase angle between two points in a between these points is 20 cm, then wave	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed ngle of 30°, then the distance is is? B. $\pi r/6$ D. $\pi/180r$ medium is $\frac{3\pi}{4}$. If the distance length of the wave is?	
Q.166 Q.167 Q.168 Q.169	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is red D. Is gained If a wheel of radius r turns through an a through which any point on its rim move A. π/3r C. π/30r The phase angle between two points in a between these points is 20 cm, then wave A. 8/15 m C. 8/15 cm	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree performance of B. Radio choke D. Transformer distributed ngle of 30°, then the distance is is? B. $\pi r/6$ D. $\pi/180r$ medium is $\frac{3\pi}{4}$. If the distance length of the wave is? B. 15/8 m D. 15/8 cm	
Q.166 Q.167 Q.168 Q.169	turns, then windings in primary coil are A. 150 C. 170 For which angle between area and magn A. 0 degree C. 45 degree Mutual inductance has a practical role in A. AC generator C. DC generator As a result of interference, energy A. Is transmitted and reflected B. Is lost C. Remains unchanged as a whole but is red. Is gained If a wheel of radius r turns through an a through which any point on its rim move A. $\pi/3r$ C. $\pi/30r$ The phase angle between two points in a between these points is 20 cm, then wave A. $8/15$ m	B. 160 D. 200 etic field, flux is maximum B. 90 degree D. 60 degree D. 60 degree D. Transformer distributed ngle of 30°, then the distance is is? B. $\pi r/6$ D. $\pi/180r$ medium is $\frac{3\pi}{4}$. If the distance length of the wave is? B. 15/8 m D. 15/8 cm applied as input of half wave	

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C. 10.7V	D. 9.3V		
Q.172 A wire has a resistance of 5.5 Ω at 190C	and 21.5 Ω at 200oC. Find the		
	temperature coefficient of resistivity(α) of the material.		
A. 0.016 per degree Celsius	B. 32 per degree celsius		
C. 0.018 per degree Celsius	D. 0.00106 per degree Celsius		
Q.173 are such nuclei of an element tha			
have different charge number Z			
A. Isotopes	B. Isobars		
C. Isomers	D. Isotherms		
Q.174 Vector is quantity which			
A. Has direction	B. Has magnitude		
C. Follow rules of vector addition	D. Both direction and magnitude		
Q.175 Half wave voltage multiplier can provide			
by cascading diodes and capacitors.	,,		
A. Any doubler	B. Any tripler		
C. Any multiplication	D. None of them		
Q.176 A particle having the charge of 20 electrons			
difference of 100 volts.Calculate the end			
(eV).	S. nedam ton		
A. 2.0 x 10 ⁻² Ev	B. 2.0 x 10 ⁻³ eV		
C. 2.0 x 10 ² eV	D. 2.0 x 10 ³ eV		
Q.177 An ideal gas at 15.5C and a pressure of			
2.81 m ³ . How many moles of gas are pro			
A. 2.01 mol	B. 21 mol		
C. 201 mol	D. 2001 mol		
Q.178 Is it possible to separate north pole only			
A. Yes	B. No		
C. In some cases it is possible	D. None of these		
Q.179 A particle radioisotope has a half-life of	5 days. In 15 days the probability of		
decay in percentage will be	7		
A. 67 %	B. 87.5 %		
C. 82.5 %	D. 77 %		
Q.180 The ratio of mass of electron to neutron	is		
A. 1	B. 1200		
C. 1300	D. None of these		
ENGI	HSI		
Q.181 Choose the correct spelling of the word			
A. Arround	B. Arond		
C. Arund	D. Around		
Q.182 Gold isprecious m			
A. a	B. an		
C. the	D. no article		
Q.183 What is your name?	P. Piccia variation		
A. Declarative	B. Imperative		
C. Interrogative	D. Exclamatory		
Q.184 Choose the correct sentence.			
A. ali lives in dubai, the United arab emira			
B. Ali lives in dubai, the united arab emira			
C. Ali lives in Dubai, in the United Arab I			
D. Ali lives in Dubai, the United Arab Em	nrates.		

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Q.185	One bad exam result and all he	r dreams were	_
1	A. fled	B. Shattered	
(C. Fulfilled	D. Floating	
Q.186 1	Bilal (live) with his brother.	
1	A. lives	B. is living	
	C. has lived	D. had lived	
Q.187 1	Identify the tense used in the gi	ven sentence. "Everyone shall	be reaching by
1	tomorrow."		
1	A. Present	B. Past	
(C. Future	D. None	
Q.188	Now the time was to escape and	he opened the window and ju	imped out.
	A B	С	D
	A. Now the time was	B. to escape	
(C. and he opened the window	D. and jumped out	
Q.189 1	I have two sisters.	4.1	
	A. Declarative	B. Imperative	
(C. Interrogative	D. Exclamatory	
	Each and every member	to yote.	
	A. has	B. have	
(C. having	D. are	
Q.191 I	1 .		
	A. Block headed	B. Smart	
	C. Wise	D. Agile	
Q.192 I	41		
	A. I've	B. Ive	
	C. I'hve	D. Ih've	
	Choose the correct spelling of t		
-	A. Discribe	B. Deskribe	
	C. Describe	D. Diskribe	
	One of the students said, "	professor is late today."	
	A.A	B. An	
	C. The	D. no article	
	His bag was quiteso I e		
	A. Cheap	B. Heavy	
	C. Light	D. Short	
	I advised herdrink it.	D. Dilott	
	A. Don't	B. not to	
	C. to not	D. to don't	
	As an officer he not only was co		
Q.I.	A B	C D	
	A. As an officer	B. he not only was	
	C. competent but	D. also honest.	
	The book is about		backsi Ilema
100000	A. a an	B. aa	sman isianu.
	C. athe	D. anan	
	Samin the gard		
	A. digs	B. digging	
(C. is diging	D. is digging	

O.200	If mountains are	of trees, rains will soon wash the fertile	
Q.200	00 If mountains are of trees, rains will soon wash the topsoil down the slope to end as useless silt below.		
	A. Deforested	B. Afforested	
	C. Stripped	D. Shortage	
	LOGICAL REASONING		
Q.201	Statements:		
	All film stars are playback singers. All film directors are film stars.		
	Conclusions:		
	I. All film directors are playback		
	II. Some film stars are film direct		
	A. Only conclusion II follows	B. Either I or II follows	
	C. Neither I nor II follows	D. Both I and II follow	
Q.202	Fact1: All drink mixes are bevera		
	Fact 2: All beverages are drinkable		
	Fact 3: All beverages are red		
	If the above three statements are facts than which of the following statement will also be a fact I. Some drink mixes are red II. All beverages are drink mixes.		
	III. All red drink mixes are drink		
	A. I only	B. II only	
	C. III only	D. None of them is a fact	
Q.203	03 Statement:		
	The availability of imported fruits has increased in the indigenous market		
	and so the demand for indigenous fruits has been decreased.		
	Course of Action:		
	I. To help the indigenous producers of fruits, the Government should impose		
	high import duty on these fruits, even 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 increased.		
	CONTRACTOR OF THE PROPERTY OF		
	A. Both of them follows	B. None of them follows	
0.204	C. Only I follows Statement:	D. Only II follows	
Q.204	The Management of School M has decided to give free breakfast from next academic year to all the students in its primary section through its canteen even though they will not get any government grant. Courses of Action (I) The school will have to admit many poor students who will seek admission for the next academic year. (II) The canteen facilities and utensils have to be checked and new purchases to be made to equip it properly. (III) Funds will have to be raised to support the scheme for years to come.		
	A. Only II and III follows	B. Only III and I follow	
	C. Only I and II follow	D. Only I follows	
0.205	Statement:	D. Omy Honows	
Z.200	I. Majority of the citizens in the locality belongs to higher income group.		
	II. The sales in the local supermarket are comparatively much higher than in		

PMC PRACTICE BUNDLE 1 TEST 04

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

other localities.

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

Q.206 What should come next to it infirmary

A. surgery B. disease
C. patient D. receptionist

Q.207 What should come next to save, secure, protect,

A. Guard B. Lock
C. Conserve D. Humble

Q.208 Directions:

In each of the following questions a statement is given, followed by two conclusions.

Give answer:

Statement: "Please do not wait for me, I may be late, start taking lunch as soon as the guests arrive." - A message from a Director of a Company to his office managers.

Assumptions:

- I. Keeping guests waiting is not desirable.
- II. Lunch may not be ready in time.
- 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.209 Statements:

- I. Large number of Primary Schools in the rural areas is run by only one teacher.
- II. There has been a huge dropout from the primary schools in rural areas.
- A. statement 1 is the cause then 2 is its effect
- B. statement 2 is the cause then 1 is its effect.
- C. Both statements are independent causes
- D. Both of the statements are effect of independent causes

Q.210 Complete the series A2.5, B5, C7.5,

A. D9 C. D9.5 D. D45

FOR SOLVED PAPER VISIT SKN PAGE