University of Health Sciences, Lahore



Total MCQs: 220 Max. Marks: 1100

ENTRANCE TEST - 2011

For F.Sc. and Non-F.Sc. Students
<u>Time Allowed: 150 minutes</u>

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A) White.

B) Blue.

i	Read the	instructions	on the MCOs	Response Form	carefully
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ii. Choose the **Single Best Answer** for each question.

Q-ID. What is the color of your Question Paper?

iii. Candidates are strictly prohibited from giving any identification mark except Roll No. & Signature in the specified columns only.

<u>COMPULSORY (</u>	<u> DUESTION FOR IDENTIFICATION</u>

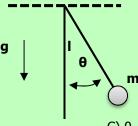
C) Pink.

D) Green.

PHYSICS Q.1 When the dimensions of both sides of an equation are equal, then the equation is said to be A) Simultaneous B) Homologous C) Instantaneous D) Quadratic Q.2 Radian is a unit of angular displacement which can also be measured in degrees. How many radians are equal to one degree? A) 180/π C) 2π/180 B) π/180 D) π/57.3 Q.3 An elevator is moving upwards with constant velocity of 'v'. What is a weight of a person of a mass 'm' inside the elevator during upward motion? A) mg + mv B) mg C) mg − mv D) zero Q.4 An object having spherical shape of radius 'r' experiences a retarding force F from a fluid of conficient of viscosity 'n' when moving through the fluid with speed 'v'. What is the ratio of retarding force to speed? A) 6πη r² B) 6πη/r² C) 6πη r D) 6πη/r Q.5 When the drag force is equal to the weight of the droplet, the droplet will fall with: A) High Speed C) Certain acceleration D) Constant Speed		Fill the Circle Correspondin against 'ID' in your MCQ (Exactly as shown in the diag	g to Letter 'D' 3 0 0 0 0 response form 4 0 0 0 0
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A) High Speed C) Certain acceleration		b) onlyi	טווון וויט (ט
, 5 ,	Q.5	When the drag force is equal to the weight of	the droplet, the droplet will fall with:
B) Low Speed D) Constant Speed		, 5 ,	
		B) Low Speed	D) Constant Speed TOP Study

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Q.6 A simple pendulum length 'L' with bob of mass 'm' is slightly displaced from its mean position so that it string makes an angle ' θ ' with vertical line as shown in the figure. Then bob of pendulum released. What will be the expression of torque with which the bob starts to move towards the mean position?

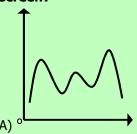


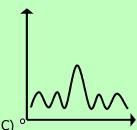
- A) mgL
- B) mgL sin θ

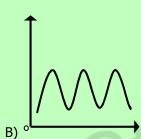
- C) 0
- D) mgL cos θ

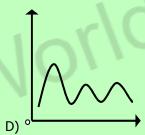
- Q.7 The density of blood is:
 - A) Less than water
 - B) Nearly equal to water

- C) Greater than water
- D) Three times that of water
- Q.8 A monochromatic light of wavelength ' λ ' is used to produce the diffraction pattern through a single slit of width X. Which one of the following represents the intensity distribution across the screen?









- Q.9 For interference of light waves to take place, the required condition is
 - A) The path difference of the light waves from the two sources must be large
 - B) The interfering waves must be non-coherent
 - C) The light waves may come from different sources
 - D) The light waves must come from two coherent sources
- Q.10 The property of bending of light around an obstacle and spreading of light waves into geometric shadow of an obstacle is called:
 - A) Diffraction of Light

C) Quantization of Light

B) Polarization of Light

- D) Interference of Light
- Q.11 The normal human eye can focus a sharp image of an object on the eye if the object is located at certain distance called
 - A) Least Point

C) Far Point

B) Near Point

- D) Distinct Point
- Q.12 A source of sound wave emits waves of frequency 'f'. If 'v' is speed of sound waves, then what will be the wavelength of the waves
 - A) $\frac{v}{f}$

C) $\frac{v - u_0}{f}$

B) vf

D) $(v - u_0)f$

Q.13 The spectrum of a star's light is measured and the wavelength of one of the lines as the sodium's line is found to be 589 nm. The same line has the wavelength of 497 nm when observed in the laboratory. This means the star is

A) Moving away from the earth

C) Stationary

B) Moving towards the north

D) Revolving around the planet

Q.14 What is the period of mass spring system during SHM if the ratio of mass to spring constant is 1/4?

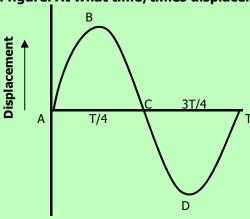
Α) π

C) 1/π

B) 2 π

D) ½ π

Q.15 Waveform of SHM is given in figure. At what time/times displacement is equal to zero?



- A) T/4 only
- B) 3T/4 only

- C) 0, T/4, 3T/4 and T
- D) 0, T/2 and T

Q.16 A wire is stretched by a force which causes an extension. The energy is stored in it only when:

- A) The extension of wire is proportional to force applied
- B) The cross-section area of the wire remains constant
- C) The wire is not stretched beyond its elastic limit
- D) The weight of wire is negligible

Q.17 Which statement is correct:

- A) Elasticity is that property of body which enables body to regain its original dimension
- B) Elasticity is that property of a body that does not allow it to return to its original shape
- C) Elasticity is that property of a body that allows it to retain its original shape and dimension after the stress is removed.
- D) Elasticity is that property of a body that obeys Hooke's law.

Q.18 Which of the following is the expression of root mean square speed of a gas having n number of molecules contained in the container?

A)
$$\sqrt{\frac{v_1^2 + v_2^2 + ... + v_x^2}{N}}$$

C)
$$\sqrt{\frac{v_1 + v_2 + ... + v_x}{N}}$$

B)
$$\frac{v_1^2 + v_2^2 + ... + v_x^2}{N}$$

D)
$$\frac{v_1 + v_2 + ... + v_x}{N}$$

Q.19 For a gas of volume V in its equilibrium state, if the pressure does change with time then total kinetic energy of gas is constant because

- A) Collisions between gas molecules occur
- C) Collisions must be elastic
- B) Collisions between gas molecules occur linearly
- D) Collisions must be inelastic

Q.20 Which of the following is the proper way to study the sinusoidal waveform of the voltage?

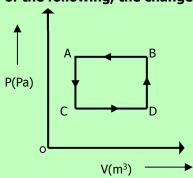
- A) Voltage is connected to X input and the time base is switched off
- B) Voltage is connected to Y input and the time base is switched on
- C) Voltage is connected to Y input and the time base is switched off
- D) Voltage is connected to X input and the time base is switched on

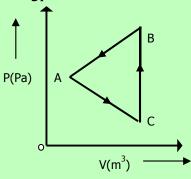
Q.21 Electron gun in cathode ray oscilloscope contains

- A) Filament, cathode, grid, anodes
- C) Emitter, base, collector
- B) Cathode, anode, capacitor, screen
- D) Resistance, capacitor, inductor

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Q.22 In which of the following, the change in internal energy is more?

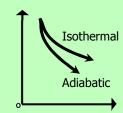


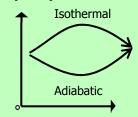


- A) In system A
- B) In system B

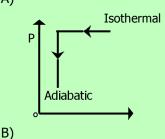
- C) Cannot be predicted
- D) Change is zero in both. (both are cyclic)

Q.23 Pressure volume graph of two systems 'A' and 'B' are plotted under isothermal and adiabatic conditions. Which of the following observation of graph represents the two systems?

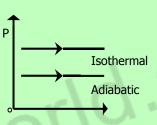




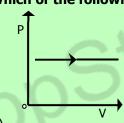
A)



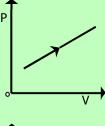
C)



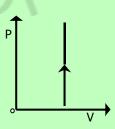
Q.24 Which of the following curve is an isotherm?



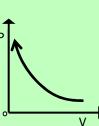
D)



A)



C)



- Q.25 If 2 A current passes through a resistor when connected to a certain battery. If the resistance is replaced by the double resistance, then the current will become
 - A) 2 A

B)

C) 6 A

B) 4 A

D) 1 A

D)

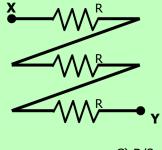
- Q.26 In Helium-Neon laser, population inversion of _____ atoms is achieved which emit radiations, when they are stimulated to fall at lower level.
 - A) Neon

C) Helium and Neon

B) Helium

D) Chromium

Q.27 Three resistors each having value 'R' are connected as shown in figure. What is the equivalence resistance between 'X' and 'Y'?



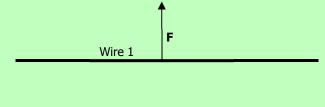
- A) 3R
- B) R

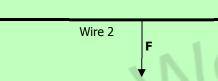
- C) R/3
- $D) R^3$

Q.28 If the number of turns of a solenoid circular coil is doubled, but the current in the coil and radius of the coil remains same, then what will be the magnetic flux density produced by the coil?

- A) Magnetic flux density will be halved
- B) Magnetic flux density increases by different amount at different points
- C) Magnetic flux density remains unchanged
- D) Magnetic flux density will be doubled

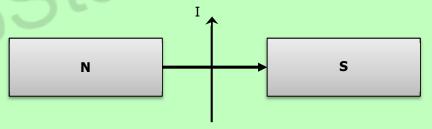
Q.29 Two long parallel wires Wire 1 and Wire 2 repel each other as shown in the figure. What could be the reasons?





- A) Both carry current in same direction
- B) Both carry current in opposite direction
- C) Wire 1 has current, but Wire 2 has no current
- D) Wire 2 has current, Wire 1 has no current

Q.30 The diagram shows a wire, carrying a current 'I', placed the poles of a magnet: In which direction does the force on the wire act?



- A) Upwards
- B) Downwards

- C) Towards the 'N' pole of the magnet
- D) Towards the 'S' pole of the magnet
- Q.31 Wavelength of X-rays is the order of:
 - A) 10⁻⁶ m
 - B) 10⁻¹⁰ m

- C) 10⁻¹³ m
- D) 100 m

Q.32 Laser beam can be used to generate three-dimensional image of object in a process called:

- A) Computed technology
- B) Computed tomography

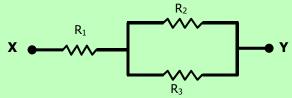
- C) Holography
- D) Computerized axial tomography

Q.33 Which of the following is true for Lasers?

- A) Electrons are emitted
- B) Stimulated emission of electrons is needed
- C) Coherent monochromatic light is emitted
- D) There is a population inversion of photons

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0.34 Three resistors of resistance R₁, R₂ and R₃ are connected as shown in figure. Equivalence resistance is:



A)
$$R_1 + R_2 + R_3$$

B)
$$\frac{R_1 + R_2 + R_3}{R_1 R_2}$$

C)
$$\frac{R_1R_2 + R_2R_3 + R_2R_3}{R_1 + R_2}$$

$$D) \frac{R_1 R_2 R_3}{R_2 R_3}$$

What is meant by spontaneous emission of electrons in solids? Q.35

- A) Electrons being emitted by the solids through photoelectric effect when irradiated with electromagnetic
- B) Incident electrons colliding with electrons in solids and releasing doubling the number of incident electrons
- C) Electrons in solids are emitted without any external stimulus through radiation
- D) Excited electrons going back to lower energy states immediately by releasing energy.

Q.36 When electrons lose all their kinetic energy in the first collision, the entire kinetic appears as an X-ray photon of energy:

A)
$$K.E = eV$$

B) K.E =
$$\frac{h\lambda_{min}}{C}$$

C) K.E =
$$\frac{hc}{\lambda_{min}}$$

O) K.E =
$$\frac{h}{\lambda_{max}}$$

Q.37 The characteristic X-ray spectrum is due to:

- A) The absorption of neutrons by target material
- B) The bombardment of target material by protons
- C) The bombardment of target material by electrons
- D) The bombardment of target material by alpha particles

Ionizing capability of gamma rays is: Q.38

- A) Equal to alpha and beta particle
- B) Less than alpha but greater than beta particles
- C) Less than both alpha and beta particles
- D) Less than beta but greater than alpha particles

Q.39 Half-life of a radioactive element is:

- A) Inversely proportional to square of decay constant C) Directly proportional to decay constant
- B) Directly proportional to square of decay constant
- D) Inversely proportional to decay constant

Q.40 The transformation of a neutron into proton in the nucleus gives rise to emission of:

A) Beta particles

C) Gamma particles

B) Alpha particles

D) X-rays

Q.41 The ratio of the rate of decay of a parent atom to the number of radioactive nuclei present at that time is equal to:

A) Half-life of radioactive element

C) Decay constant of radioactive element

B) Mean life

D) Activity if radioactive element

Q.42 Which one of the following particle is emitted as a result of nuclear reaction?

Ra²²⁶ → Rn²²²

A) Beta

C) Gamma rays

B) Alpha

D) One alpha and one beta

Which of following is used to estimate the circulation of blood in a patient? Q.43

A) Carbon-14

C) Phosphorus-32

B) Carbon-12

D) Sodium-24

Q.44 For the radiotherapy of a patient, it is required to double the absorbed dose in gray. What step must be taken?

A) Energy must be quadrated

C) Energy must be raised four times

B) Energy must be halved

D) Energy must be doubled

CHEMISTRY

Q.45	In mass spectrometer, detector or collector m	easures the:
	A) Masses of isotopes	C) Relative abundances of isotopes
	B) Percentages of isotopes	D) Mass numbers of isotopes
Q.46	How many 'Cl' (chlorine) atoms are in two mo	les of chlorine?
	A) $2 \times 6.02 \times 10^{-23}$ atoms	C) 2 \times 10 ²³ atoms
	B) $35.5 \times 6.02 \times 10^{23}$ atoms	D) $2 \times 6.02 \times 10^{23}$ atoms
Q.47	Melting point of water is higher than petrol, b	ecause intermolecular forces in water are:
	A) Weaker than petrol	C) Same as in petrol
	B) Stronger than petrol	D) Negligible
Q.48	DNA molecule is double stranded in which two	o chains of DNA are twisted around each other by:
Q.TO	A) Hydrogen bonds	C) Covalent bonds
	B) Vander Waal's force	D) Dative bonds
Q.49	The elements for which the value of ionization	a energy is low can:
Q.T3	A) Gain electrons readily	C) Loss electrons less readily
	B) Gains electron with difficulty	D) Lose electrons readily
	, ,	2) 2000 ologa olio rodaliy
Q.50	The nature of cathode rays in discharge tube:	argo tubo
	A) Depends on the nature of gas taken in the dischargeB) Depends upon the nature of cathode in discharge	
	C) Is independent of the nature pf the gas in discharge	
	D) Depends upon the nature of anode in the dischar	
Q.51	The ability of an atom in a covalent bond to at	tract the honding electrons is called:
Q.5_	A) Ionization energy	C) Electronegativity
	B) Ionic bond energy	D) Electron affinity
0.53	The management a share stay of a substance is	
Q.52	The paramagnetic character of a substance is A) Bond pairs of electrons	C) Unpaired electrons in atom or molecule
	B) Lone pairs of electrons	D) Paired electrons in valence shells of electrons
Q.53	Lattice energy of an ionic crystal is the enthal	• • • • • • • • • • • • • • • • • • •
	A) Combustion B) Dissociation	C) Dissolution D) Formation
	b) bissociation	b) Formation
Q.54	In standard enthalpy of atomization, heat of t	
	A) Remains unchanged B) Increases	C) Increases than decreases D) Decreases
	b) increases	D) Decreases
Q.55	Mole fraction of any compound us the ratio of	
	A) Compound	C) Molecule
	B) Solution	D) Solid
Q.56	Molarity is defined as the number of moles of	
	A) Per dm ³ of water	C) Per m ³ of water
	B) In one gram of water	D) In 100 ml of water
Q.57	In electrolytic cell, a salt bridge is used in ord	er to:
	A) Pass the electric current	C) Mix solution of two half cells
	B) Prevent the flow of ions	D) Allow movement of ions b/w two half cells
Q.58	In all oxidation reactions, atoms of an element	t in a chemical species lose electrons and increase
	A) Oxidation states	C) Electrode
	B) Reductions	D) Negative charges
Q.59	In 'AgCl' solution. Some salt of NaCl is added,	'AgCl' will be precipitated due to:
Q.55	A) Solubility	C) Unsaturation effect
	B) Electrolyte	D) Common ion effect

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- Q.60 'Ka' for an acid is higher, the stronger is the acid; relate the strength an acid with 'pKa'
 - A) Higher pKa, weaker the acid

C) pKa has no relation with acid strength

B) Lower pKa, stronger the acid

- D) Both A and B
- Q.61 It is experimentally found that a catalyst is used to:
 - A) Lower the activation energy

C) Lower the pH

B) Increase the activation energy

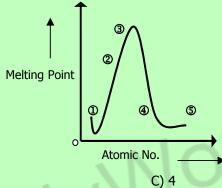
- D) Decrease the temp of the reaction
- Q.62 According to collision theory of bimolecular reaction sin gas phase, the minimum amount of energy required for an effective collision is known as:
 - A) Heat of reaction

C) Has no effect on the reaction

B) Rate of reaction

- D) Energy of activation
- Q.63 Carbon exists as allotropes, which are different crystalline or molecular forms of the same substance. Graphite and diamond are allotropes of carbon. Diamond is a non-conductor whereas graphite is a good conductor because:
 - A) Graphite has a layered structure

- C) In graphite one of valence electron is free to move
- B) In graphite, all valence electrons are tetrahedrally D) Graphite is soft and greasy bound
- The diagram below is a plot of melting points of elements of second period against Q.64 their atomic numbers. Lithium and fluorine are placed at the extreme ends of the plot, on the basis of melting points where will you place Carbon among the empty slots on the plot?



- A) 1
- B) 2

- D) 3
- When elements of group II-A (alkaline earth metals) are exposed to air, they quickly **Q.65** become coated with a layer of oxide. What is the purpose of this oxide layer?
 - A) The oxide layer exposes the metal to Atmospheric attack
 - B) The oxide layer increases the reactivity of metal
 - C) The oxide layer protects the metal from further atmospheric attack
 - D) The oxide layer gives the metal a shiny silvery appearance
- Q.66 In silicon dioxide each silicon atom is tetrahedrally bonded to four oxygen atoms and each oxygen atom is bonded to two silicon atoms. The ratio of silicon to oxygen atoms is:
 - A) 2:2

C) 2:1

B) 1:2

- D) 1:4
- Q.67 Hydrogenation of unsaturated oils is done by using:
 - A) Finally divided nickel

C) Vanadium pentaoxide

B) Finally divided iron

D) Copper

- Q.68 Pick the correct statement:
 - A) Chelates are usually more stable than ordinary
- C) Monodentate ligands form the chelates

- complexes
- B) Ordinary complexes are more stable than chelates D) Chelates have no ring structures
- Q.69 In contact process, the catalyst used for the conversion of Sulphur dioxide to Sulphur trioxide is:
 - A) Magnesium oxide

C) Silicon dioxide

B) Aluminum oxide

D) Vanadium pentoxide



Q.70	with:	ly acidic due to the reaction of rain water
	A) Sulphur dioxide B) Oxides of nitrogen	C) Carbon dioxide D) Hydrogen present in air
Q.71	In the Haber's process for the manufacturing or	f ammonia, nitrogen is taken from:
Æ17 =	A) Proteins occurring in living bodies	C) Air
	B) Ammonium salts obtained industrially	D) Mineral containing nitrates
Q.72	atoms in a molecule and therefore nitrogen gas	
	A) Highly reactive gas B) Completely inert like noble gases	C) Very less reactive gas D) Moderately reactive gas
	b) completely mert like hobic gases	b) Floderately reactive gas
Q.73	The compound with an atom, which has unshar	ed pair of electrons is called:
	A) Nucleophile	C) Protophile
	B) Electrophile	D) None of the above
Q.74	1-chloropropage and 2-chloropage are icome	ers of each other, the type of isomerism in these
Q.74	two is called:	is of each other, the type of isomerism in these
	A) Cis-trans isomerism	C) Position isomerism
	B) Chain isomerism	D) Functional group isomerism
	,	, , , , , , , , , , , , , , , , , , , ,
Q.75	Benzene in the presence of AlCl ₃ produces acet	
	A) Acetyl chloride	C) Ethyl benzene
	B) Acetic acid	D) Ethanoic acid
Q.76	The substitution of a '-H' by '-NO ₂ ' group in ben	zene is called:
4.70	A) Nitration	C) Sulphonation
	B) Ammunolusis	D) Reduction of benzene
Q.77		otassium hydroxide and halogenoalkanes are
Q.77	reacted an alkene is formed, what is the mecha	nism of reaction?
Q.77	reacted an alkene is formed, what is the mecha A) Elimination	nism of reaction? C) Debromination
Q.77	reacted an alkene is formed, what is the mecha A) Elimination B) Dehydration	nism of reaction? C) Debromination D) Reduction of benzene
Q.77 Q.78	reacted an alkene is formed, what is the mecha A) Elimination B) Dehydration The organic compound carbon tetrachloride is a	nism of reaction? C) Debromination D) Reduction of benzene used as:
	reacted an alkene is formed, what is the mecha A) Elimination B) Dehydration The organic compound carbon tetrachloride is u A) Lubricant	nism of reaction? C) Debromination D) Reduction of benzene used as: C) Oxidant
	reacted an alkene is formed, what is the mecha A) Elimination B) Dehydration The organic compound carbon tetrachloride is a	nism of reaction? C) Debromination D) Reduction of benzene used as:
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Q.78 Q.79	reacted an alkene is formed, what is the mechan A) Elimination B) Dehydration The organic compound carbon tetrachloride is unable A) Lubricant B) Solvent An alcohol is converted to an aldehyde with sample the presence of K ₂ Cr ₂ O ₇ /H ₂ SO ₄ the alcohol is: A) CH ₃ Cl(CH) ₂ OH B) CH ₃ CH ₂ CH ₂ OH	nism of reaction? C) Debromination D) Reduction of benzene used as: C) Oxidant D) Plastic me number of carbon atoms as that of alcohol in C) (CH ₃) ₃ COH
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Q.79 Q.80 Q.81	reacted an alkene is formed, what is the mechal A) Elimination B) Dehydration The organic compound carbon tetrachloride is at A) Lubricant B) Solvent An alcohol is converted to an aldehyde with sarthe presence of K ₂ Cr ₂ O ₇ /H ₂ SO ₄ the alcohol is: A) CH ₃ Cl(CH) ₂ OH B) CH ₃ CH ₂ CH ₂ OH Which of the following is a secondary alcohol? H ₃ C—CH—OH A) CH ₃ B) H ₃ C—CH ₂ —CH ₂ —OH Which enzyme is involved in the fermentation of A) Zymase B) Invertase	nism of reaction? C) Debromination D) Reduction of benzene used as: C) Oxidant D) Plastic me number of carbon atoms as that of alcohol in C) (CH ₃) ₃ COH D) (CH ₃) ₃ CHOH H ₃ C—CH—CH ₂ —OH C) CH ₃ H ₃ C—CH—CH ₂ —CH CH ₃ CH ₃ H ₃ C—CH—CH ₂ —CH ₃ D) of glucose: C) Urease D) Diastase
Q.78 Q.79 Q.80	reacted an alkene is formed, what is the mecha A) Elimination B) Dehydration The organic compound carbon tetrachloride is to A) Lubricant B) Solvent An alcohol is converted to an aldehyde with sarthe presence of K ₂ Cr ₂ O ₇ /H ₂ SO ₄ the alcohol is: A) CH ₃ Cl(CH) ₂ OH B) CH ₃ CH ₂ CH ₂ OH Which of the following is a secondary alcohol? H ₃ C—CH—OH A) CH ₃ B) H ₃ C—CH ₂ —CH ₂ —OH Which enzyme is involved in the fermentation of A) Zymase B) Invertase Relative acidic strength of alcohol, phenol, water	nism of reaction? C) Debromination D) Reduction of benzene used as: C) Oxidant D) Plastic me number of carbon atoms as that of alcohol in C) (CH ₃) ₃ COH D) (CH ₃) ₃ CHOH H ₃ C—CH—CH ₂ —OH C) CH ₃ H ₃ C—CH—CH ₂ —C—CH ₃ D) Of glucose: C) Urease D) Diastase er and carboxylic acid is:
Q.79 Q.80 Q.81	reacted an alkene is formed, what is the mechal A) Elimination B) Dehydration The organic compound carbon tetrachloride is at A) Lubricant B) Solvent An alcohol is converted to an aldehyde with sarthe presence of K ₂ Cr ₂ O ₇ /H ₂ SO ₄ the alcohol is: A) CH ₃ Cl(CH) ₂ OH B) CH ₃ CH ₂ CH ₂ OH Which of the following is a secondary alcohol? H ₃ C—CH—OH A) CH ₃ B) H ₃ C—CH ₂ —CH ₂ —OH Which enzyme is involved in the fermentation of A) Zymase B) Invertase	nism of reaction? C) Debromination D) Reduction of benzene used as: C) Oxidant D) Plastic me number of carbon atoms as that of alcohol in C) (CH ₃) ₃ COH D) (CH ₃) ₃ CHOH H ₃ C—CH—CH ₂ —OH C) CH ₃ H ₃ C—CH—CH ₂ —CH CH ₃ CH ₃ H ₃ C—CH—CH ₂ —CH ₃ D) of glucose: C) Urease D) Diastase



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Q.83 Consider the following reaction:

 $R-CHO + 2[Ag(NH₃)₂]OH \longrightarrow R-COONH₄ + 2Ag + 2NH₃ + H₂O$

This reaction represents one of the following tests.

A) Fehling test

C) Ninhydrin test

B) Benedict test

D) Tollens test

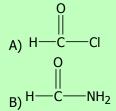
Q.84 In the below reaction, the nucleophile is:

HCHO + HCN
$$\longrightarrow$$
 H_2 C—CN

- A) CN—
- B) HCl

C) Cl D) OH

Q.85 Which one of the following compound belongs to the homologous series of aldehydes?



The products of the above reaction are:

A) CH₃COI + POCl₃ + HCl B) CH₃COI + POCl₂ + HCl

- C) CH₃Cl + POCl₃ + HCl
- D) CH₃COCl + POCl₃ + H₂

Q.87 $CH_3CN + HCI \longrightarrow A + B$ (in the presence of water)

In the above reaction, A and B are:

A) Acetic acid and acid amide

C) Acetic acid and methyl chloride

B) Acetic acid and ammonia

D) Acetic acid and ammonium chloride

Q.88 Consider the following reaction:

What product will form?

A) Magnesium formate

C) Magnesium ion

B) Magnesium acetate

D) Carboxylate ion

Q.89 The —NH—CO is called:

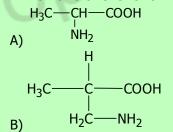
A) Amide group

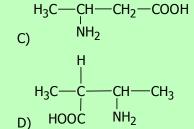
C) Protein linkage

B) Amino group

D) Peptide linkage

Q.90 Which one of the following is an alpha amino acid?





Q.91 Which of the following has an amino R-group?

A) Lysine

C) Valine

B) Proline

D) Alanine

Q.92 At intermediate value of pH, amino acids form Zwitter ions containing:

A) —N⁺H₃ and COO—

C) —N⁺H₃ and COOH

B) —NH₃ and COO—

D) —NH₃ and COOH

Q.93 When hexane dioic acid is heated with hexamethylene diamine, the compound formed is:

A) Polypeptide

C) Ester

B) Addition polymer

D) Nylon 6,6

Q.94	greater than 1000, is known as:	id residue is greater than 100 or molecular mass is
	A) Protein	C) Dipeptide
	B) Polypeptide	D) Tripeptide
Q.95	Aspartic acid is an acidic amino acid, which h	has chemical formula:
•	H ₃ C—CH—COOH	H ₃ C—CH—CH ₂ —COOH
	, · · ·	C) NH ₂
	H 	Ĥ
		H
	H ₂ NCCOOH	H₃C—Ç——ÇH—COOH
	H_2N — C — $COOH$ H_2C — $COOH$	
	В) Н ₂ С—СООН	D) H NH ₂
0.00	Change and forestone are common arranged	_£.
Q.96	Glucose and fructose are common examples	
	A) Pentoses	C) Heptoses
	B) Hexoses	D) Butoses
Q.97	The reaction between fats and caustic soda i	is called:
Q.37	A) Hydrogenolysis	C) Carboxylation
	B) Fermentation	D) Saponification
	b) i emichadon	D) Saponincation
Q.98	Macromolecules are described as large mole	cules built up from small repeating units known as:
Q.JC	A) Monomers	C) Metameres
	B) Isomers	D) Tautomer
		2) 14466
Q.99	Polyvinyl chloride is an example of:	
	A) Addition polymer	C) Biopolymer
	B) Condensation polymer	D) Thermosetting polymer
Q.100	Terylene, a polyester is an example of:	
	A) Biopolymer	C) Condensation polymer
	B) Lipids	D) Addition polymer
		1/1./ / / / / / / / / / / / / / / / / /
Q.101		as negative reproduction and developmental effect
	on humans is:	0) T
	A) Iodoform	C) Tropoform
	B) Bromoform	D) Chloroform
Q.102	Peroxyacetyl nitrate is an irritant to human l	hoings and it offsets:
Q.102	A) Nose	C) Ears
	B) Stomach	D) Eyes
	b) Storiacii	D) Lyes
	ENGL	.ISH
Q.103	She managed to a ticket for the	e cricket match.
	A) Procure	C) Improvise
	B) Obscure	D) Preclude
Q.104	Things have got out of hand; we must take s	
	A) Rectify	C) Purify
	B) Pacify	D) Testify
0.40=	Coord Omisell/o	on the Duckey was late
Q.105	George Orwell's animal farm is a stinging	
	A) Myth	C) Fallacy
	B) Satire	D) Legend
Q.106	All the and ceremony of the royal	I wedding was telecast on the national television
A.100	circuit.	wedding was teletast on the national television
	A) Festival	C) Pomp
	B) Romp	D) Happiness
	2)p	5) Happiness

Page 12	2 of 19 SPOT THE ERROR: In the following sent underlined. Your task is to identify that contains the mistake that needs to be co letter under the segment in the MCQ Resp	underlined segment rrected. Fill the Circ	of the sentence, which
Q.107	The <u>patient's</u> blood analysis shows that there is a big A)	g number <u>of</u> amorphous c B)	rells <u>which</u> are <u>quiet</u> unidentifiable C) D)
Q.108	The police, in their investigation, used coercive mean A)		ement <u>from</u> <u>the accused.</u> C) D)
Q.109	Your argument <u>is</u> simply abstruse as there is no clared A)	ity <u>of</u> thought and cohere B)	nce <u>in</u> ideas and it also <u>lack</u> vision C) D)
Q.110	The workers were <u>raising</u> <u>much</u> hue and cry when the A) B)	neir <u>demands</u> were turned C)	l <u>away</u> . D)
Q.111	The disease is <u>uncurable</u> <u>without</u> the <u>judicious</u> <u>use</u> o A) B) C) D)	f antibiotics.	
Q.112	The younger sister hopes <u>to</u> emulate her elder <u>sister</u> A) B)	<u>'s</u> sporting <u>achievement</u> a C)	as she is putting <u>up</u> hectic effort. D)
\Longrightarrow	In each of the following question, Choose the CORRECT one and fill the MCQ Response Form.		
Q.113	A) The government should accrue taxes for strength B) The government should accrue taxes in strengthe C) The government should accrue taxes to strength D) The government should accrue taxes by strength	en the economy of the cou en the economy of the co	untry. untry.
Q.114	A) Foreign trade have assumed greater importance in B) Foreign trade is assumed greater importance in C) Foreign trade has assumed greater importance in D) Foreign trade shall assumed greater importance in	ecent years.	
Q.115	A) The space programme has been battered in bure. B) The space programme has been battered into bure. C) The space programme has been battered by bure. D) The space programme has been battered to bure.	reaucratic wrangling. eaucratic wrangling.	
Q.116	A) He will has to deal with the problem by showing a B) He will have to deal with the problem by showing C) He will had to deal with the problem by showing D) He will having to deal with the problem by showing	adroitness. adroitness.	
Q.117	A) He does possesses altruistic behavior. B) He does possess altruistic behavior.	C) He does possessing D) He does possessed	
Q.118	A) He has great affinity in nature. B) He has great affinity with nature.	C) He has great affinity D) He has great affinity	
Q.119	A) He stands on arms akimbo. B) He stands to arms akimbo.	C) He stands with arm D) He stands through	

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	B) An amorphous mass of cells were difficult to under C) An amorphous mass of cells had difficult to unders D) An amorphous mass of cells is difficult to understa	rstand. stand.
Q.121	A) He is suffering to anaphylactic shock. B) He is suffering in anaphylactic shock.	C) He is suffering from anaphylactic shock. D) He is suffering into anaphylactic shock.
Q.122	A) If you had asked him, he would had accepted the B) If you had asked him, he would have being accept C) If you had asked him, he would have accepted the D) If you had asked him, he would been accepted the	ted the offer with alacrity. e offer with alacrity.
\Longrightarrow		ur alternative meanings of a word are CORRECT MEANING of the given word Response Form.
Q.123	MUSE A) Wander B) Fonder	C) Robust D) Ponder
Q.124	FECKLESS A) Useless B) Careless	C) Dauntless D) Fearless
Q.125	MOSAIC A) Pattern B) Mortal	C) Ordinary D) Musical
Q.126	INSCRUTABLE A) Immoral B) Unethical	C) Enigmatic D) Unaccountable
Q.127	JUXTAPOSE A) Justify B) Compare	C) Expose D) Jettison
Q.128	LACERATING A) Landing B) Tearing	C) Flagging D) Lactating
Q.129	EMPATHY A) Fictitious B) Facility	C) Ability D) Felicity
Q.130	EVANESCENT A) Evident B) Permanent	C) Event D) transitory
Q.131	SIDLE A) Sneak B) Sift	C) Sledge D) Sieve
Q.132	DISSONANCE A) Inconsistency B) Expansion	C) Perceptible D) WrapPart



Q.120

BIOLOGY

Q.133	When chromosomes uncoil, the nucleoli are reformed and two nuclei are the two poles of the cell; stage is known as			
	A) Prophase	C) Telophase		
	B) Metaphase	D) Anaphase		
	b) Netaphase	D) Anaphase		
Q.134	Mental retardation, short stature, broad face			
	A) Down's syndrome	C) Turner's syndrome		
	B) Klinefelter's syndrome	D) XYZ syndrome		
Q.135	Chiasmata formation takes place during the p	rocess which is known as		
	A) Crossing Over	C) Pairing		
	B) Attachment	D) Leptotene		
Q.136	Healing of a wound and repair is the phenome	enon which takes place by the process of		
	A) Mitosis	C) Cell Growth		
	B) Meiosis	D) Mitosis & Meiosis		
Q.137	Which one of the following is the main cause	of cancer?		
	A) Mutation	C) Regulated Mitosis		
	B) Controlled Cell Division	D) Haploid Division		
Q.138	The covalent bond formed between two mono	osaccharides is called		
	A) Glycosidic Bond	C) Peptide Bond		
	B) Hydrogen Bond	D) Disulphide		
Q.139	The bond formed between glucose and fructor	sa form sucrosa is		
Q.133				
	A) 1,4 Glycosidic Linkage	C) 1,6 Glycosidic Linkage		
	B) 1,2 Glycosidic Linkage	D) 1,3 Glycosidic Linkage		
Q.140	In an amino acid in which the R-group is H, its			
	A) Alanine	C) Leucine		
	B) Glycine	D) Valine		
Q.141	Fatty acid are the organic compounds containi	ing hydrogen, oxygen and one of the following are		
	A) –COOH	C) Acyl		
	B) –NH ₂	D) Sucrose		
Q.142	Posomes are used in gene therapy against			
	A) Hypercholesterolemia	C) Cystic Fibrosis		
	B) Coronary Artery Angioplasty	D) Severe Combined Immunodeficiency Syndrome		
		(SCID)		
Q.143	Genetically engineered cells are introduced in	to bone marrow cells in the treatment of		
	A) Hypercholesterolemia	C) Cystic Fibrosis		
	B) Severe Combined Immunodeficiency Syndrome	D) Coronary Artery Angioplasty		
	(SCID)	by colonary futery fungiopiasty		
Q.144	Which one of the following is depleting and ca			
	A) Chlorine	C) Chlorofluorocarbon		
	B) Bromine	D) Carbon		
Q.145	The typical environment of a particular organi	ism population community is called		
	A) Niche	C) Habitat		
	B) Ecosystem	D) Biosphere		
Q.146.	Excessive enrichment of water with nutrients	by human activity by which large amount of living		
	organic matter grows is called			
	A) Archeotrophication	C) Enrichment		
	B) Eutrophication	D) Low Trophication		



Q.147	In an ecosystem, mycorrhizae is an example of	
	A) Symbiosis	C) Commensalism
	B) Predation	D) Parasitism
Q.148	Successive stages of eating and being eaten by	which recycling of materials and flow of energy
Q.1.10	takes place is called	Times recycling or materials and non-or or onergy
	A) Food Chain	C) Trophic Level
	B) Food Web	D) Food Link
Q.149	The sex of individuals of next generation always	
	A) Heterogametic	C) Isogametic
	B) Homogametic	D) Isomorphic
Q.150	Which of the following will be hemophilic?	
Q.130	A) XHXh	C) XhY
	B) X ^H X ^H	D) X ^H Y
Q. 151	Which of the following is an example of X-linke	d recessive trait in humans?
	A) Hypophospatemic Rickets	C) Baldness
	B) Colour Blindness	D) Beard Growth
Q.152	Which trait in human in an example of multiple	
	A) Eye Colour	C) ABO-Blood Group
	B) Skin Colour	D) Rh-Blood Group
Q.153	When a gene pair at one locus interacts with a	nother gene at another locus, the interaction is
Q.133	called	nother gene at another locus, the interaction is
	A) Dominance	C) Pleiotropy
	B) Multiple Alleles	D) Epistasis
	,	
Q.154	The combination of a pentose sugar with a base	e result in a compound is known as
	A) Nucleotide	C) Nucleic Acid
	B) Nucleoside	D) Polynucleotide
0.155	An annume and substitute was to the surely and	ial facture or site arrange in anymore
Q.155	An enzyme and substrate reacts through a special A) Building Site	C) Catalyst Site
	B) Active Site	D) Inhibition Site
	b) Active Site	b) Inhibition Site
Q.156	The non-protein part of enzyme which is covale	ntly and permanently bonded is called
_	A) Prosthetic Group	C) Co-Enzyme
	B) Co-Factor	D) Activator
Q.157	One of the pyrimidine bases is absent in DNA	
	A) Uracil	C) Cytosine
	B) Thymine	D) Adenine
Q.158	Enzymes increase the rate of reaction by	
Q.130	A) Increasing Temperature	C) Decreasing Activation Energy
	B) Decreasing pH	D) Increasing Activation Energy
	2) 2 co. caog p	
Q.159	Which one of the following diseases caused by	y enveloped RNA virus and spread in epidemic
	form?	
	A) Influenza	C) Polio
	B) Herpes Simplex	D) Small Pox
0.160	The structure which contains the year for I	vasiatavas bastovis sva
Q.160	The structure which contains the gene for drug	
	A) Nucleoids B) Mesosomes	C) Chromatin Bodies D) Plasmids
	D) MESUSUMES	D) Fidallius
Q.161	Antibiotics that kill microbes immediately are co	alled
Ţ	A) Microbistatic	C) Biostatic
	B) Microbicidal	D) Chemotherapeutic



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Q.162	Which one of the following fungi causes vagina	I thrush?
	A) Candida	C) Tortula
	B) Aspergillus	D) Penicillium
	, , ,	
Q.163	Body cavity of round worms is called	
	A) Pseudocoelom	C) Acoelom
	B) Coelom	D) Enteron
	•	
Q.164	Fasciola is endoparasite of	
	A) Colon	C) Small Intestine
	B) Liver	D) Bile Duct
Q.165	Trypanosoma is transmitted in human beings b	
	A) Plasmodium	C) House Fly
	B) Anopheles	D) Tsetse Fly
0.466	The common content develope from which as the	. Callandor la constitución a contracta de calacida contracta
Q.166		e following layer during embryonic development
	of animals	C) Endadorm
	A) Mesoderm	C) Endoderm
	B) Ectoderm	D) Mesoderm and Endoderm
Q.167	Endosperm is formed as a result of	
Q.107	A) Pollination	C) Double Fertilization
	B) Self-Pollination	D) Cross Pollination
	b) Scii i Giiiiladioii	b) cross i dimiddon
Q.168	Which of the following enzyme is released in ar	n inactive form
Q.100	A) Amylase	C) Enterokinase
	B) Lipase	D) Pepsin
		-), opon.
Q.169	Which of the following hormones stimulate the	e secretion of pancreatic juice from pancreas in
_	liver?	
	A) Secretin	C) Gastrin
	B) Pepsinogen	D) Both Gastrin and Secretin
Q.170	In large intestine, vitamin k is formed by the ac	
	A) Symbiotic Bacteria	C) Parasitic Bacteria
	B) Obligate Bacteria	D) Facultative Bacteria
Q.171	During swallowing of food which structure clos	
	A) Hard Palate	C) Epiglottis
	B) Soft Palate	D) Larynx
0.172	The right atrium of the heart usually reseives the	
Q.172	The right atrium of the heart usually receives to A) Deoxygenated Blood	C) Filtered Blood
		•
	B) Oxygenated Blood	D) Non-Filtered Blood
Q.173	The largest lymph duct called thoracic lymph de	uct drains into
Q.173	A) Subclavian Vein	C) Pulmonary Vein
	B) Renal Vein	D) Hepatic Portal Vein
	b) Renal Veni	b) Hopada Fortal Folia
Q.174	Which protein plays a major role in maintaining	osmotic balance?
.	A) Albumin	C) Fibrinogen
	B) Globulin	D) Prothrombin
	-, -, -, -, -, -, -, -, -, -, -, -, -, -	-,
Q.175	The type of agranulocytes which stays in bloo	d for a few hours and then enters tissues and
	become macrophages are	
	A) Lymphocytes	C) Eosinophils
	B) Monocyte	D) Basophils
Q.176	Reabsorption of water by counter current multi	
	A) Proximal Tubule	C) Collecting Duct
	B) Distal Tubule	D) Loop of Henle

Q.177	Antiduretic hormone helps in reabsorption of w										
	A) Proximal Tubule B) Distal Tubule	C) Collecting Duct D) Loop of Henle									
	D) Distail Tubule	b) Loop of Fichic									
Q.178	During peritoneal dialysis, dialysis fluid is introduced into which part of human body?										
	A) Liver	C) Kidney									
	B) Abdomen	D) Pancreas									
0.179	Aldosterone helps in conservation or active abs	sorption of									
	A) Sodium	C) Potassium									
	B) Calcium	D) Bicarbonate Ions									
0.100	Maximum vashacentian takas ulass in which us	ut of the newhyan?									
Q.180	Maximum reabsorption takes place in which pa A) Distal Tubule	C) Cortical Tissue									
	B) Villi	D) Proximal Tubule									
	,	,									
Q.181	Over-activity of sympathetic nervous system ca										
Q.178 Q.179 Q.180 Q.181 Q.182 Q.183 Q.184 Q.185 Q.186 Q.187 Q.188 Q.189 Q.190	A) Disturbance of Vision	C) Decrease in Blood Pressure									
	B) Constipation	D) Increase in Heart Rate									
Q.182	Which structures respond when they are stimulated by impulse coming through motor neuron?										
_	A) Receptors	C) Effectors									
	B) Responses	D) Transduction									
O 183	Respiratory center is located in										
Q.103	A) Cerebrum	C) Medulla									
	B) Cerebellum	D) Hypothalamus									
Q.184	A neurological condition characterized by involuntary tremors, diminished motor activity and										
	rigidity is called A) Epilepsy	C) Alzheimer's Disease									
	B) Parkinson's Disease	D) Cerebullar Tumours									
		- cl():									
Q.185	A type of cell in human testes which produces testosterone is called										
	A) Interstitial Cells B) Germ Cells	C) Sertoli Cells D) Spermatocytes									
	b) defin delis	b) Spermatocytes									
Q.186	Breakdown of endometrium during menstruation										
	A) Increase in Level of LH	C) Increase in Level of Progesterone									
	B) Decrease in Level of Progesterone	D) Increase in Level of Oestrogen									
0.187	Oogonia are produced in the germ cells										
	A) Both Uterus and Cervix	C) Uterus									
	B) Cervix	D) Ovary									
0.100	Which of the following diseases are he prevent	and the country of a contract of the country of the									
Q.188	Which of the following diseases can be prevent A) AIDS and Cancer	C) Typhoid and Cancer									
	B) Malaria and AIDS	D) Measles and Mumps									
	,	'									
Q.189	Newly produced cells/individuals which are ide										
	A) Genetically Modified B) Transgenic Animals	C) Transgenic Bacteria									
	b) Hallsgeliic Allilliais	D) Clones									
Q.190	Which of the following is a blood borne disease	?									
	A) Hepatitis	C) Influenza									
	B) Cholera	D) Candidiasis									
Q.191	The control of nest has traditionally meant req	ulation by natural enemies, predators, parasites									
A.131	and pathogens. This type of control is known as										
	A) Cultural Control	C) Pesticides Control									
	B) Biological Control	D) Insecticides Control									



	.8 of 19										
Q.192	Which of the following organelles is co										
	A) Ribosomes	C) Lysosomes									
	B) Golgi Apparatus	D) Mitochondria									
Q.193	Which of the following contains peptidoglycan cell wall?										
	A) Penicillium	C) Adiantum									
	B) Bacterium	D) Polytrichum									
Q.194	The inner membrane of mitochondria is	s folded to form finger like structure called									
	A) Cristae	C) Matrix									
	B) Vesicle	D) Cisternae									
Q.195	Interior of chloroplast is divided into heterogeneous structure, embedded in the matrix known as										
	A) Grana	C) Thylakoids									
	B) Stroma	D) Cisternae									
Q.196	In which phase of the cell division the metabolic activity of the nucleus is high?										
	A) Mitosis	C) Meiosis									
	B) Interphase	D) Cell Cycle									
Q.197	Luteinizing hormone triggers	0.0.1.									
	A) Cessation of Oogenesis	C) Ovulation									
	B) Breakdown of Oocyte	D) Development of Zygote									
Q.198	Syphilis is a sexually transmitted disea	- The state of the									
	A) HIV / AIDS	C) Treponema Pallidum									
	B) Pseudomonas Pyogenes	D) Neisseria									
Q.199	Muscle is made up of many cells which are referred to as										
	A) Myofilaments	C) Sarcolemma									
	B) Myofibrils	D) Muscles Fiber									
Q.200	The length of myofibril from one Z-band to the next is known as										
	A) Sarcomere	C) Sarcoplasm									
	B) Sarcolemma	D) Muscle Fiber									
Q.201	Calcium ions released during a muscle fiber contraction attach with										
	A) Myosin	C) Tropomyosin									
	B) Actin	D) Troponin									
Q.202	_	accumulation of lactic acid and ionic imbalance is:									
	A) Tetany	C) Cramp									
	B) Muscle Fatigue	D) Tetanus									
Q.203	The pigment which stores oxygen in muscles is										
	A) Hemoglobin	C) Myosin									
	B) Myoglobin	D) Actinomyosin									
Q.204	Neurosecretory cells are present in which part of brain										
	A) Hypothalamus	C) Pons									
	B) Midbrain	D) Cerebellum									
Q.205	Which of the following is the function of glucagon hormone?										
	A) Glycogen to Glycose	C) Glucose to Lipids									
	B) Glucose to Glycogen	D) Glucose to Proteins									
Q.206	Addison's disease is caused due to dest										
	A) Adrenal Cortex B) Pituitany Adrenal Axis	C) Adrenal Medulla									
	B) Pituitary Adrenal Axis	D) Hypothalamus									
Q.207	Which group of hormones is made up of amino acids and their derivatives?										
	A) Vasopressin and ADH B) Epinephrine and Non-Epinephrine	C) Osterogen and Testosterone D) Insulin and Glucagon									
	b) Epinepinine and Non-Epinepinine	D) Insulin and Glucagon									

Q.208	Thymus gland is involved in maturation of										
	A) Platelets	C) Eosinophils									
	B) B-Lymphocytes	D) T-Lymphocytes									
Q.209	In passive immunity which of the following component are injected into blood										
	A) Antigens	C) Serum									
	B) Immunogens	D) Immunoglobulins									
Q.210	Mucous membranes are part of body defense s										
	A) Physical Barriers	C) Chemical Barriers									
	B) Mechanical Barriers	D) Biological Barriers									
Q.211	Immediate protection is obtained from										
	A) Passive Immunity	C) Vaccination									
	B) Active Immunity	D) Natural Activity Immunity									
Q.212	The immunity in which T-cells recognize the antigens or micro-organisms is known as										
	A) Tissue Grafting	C) Cell Mediated Immunity / Response									
	B) Phagocytosis	D) Hormonal Immunity / Response									
Q.213	Oxidative phosphorylation, synthesis of ATP in the presence of oxygen occurs in:										
	A) All Types of Cells	C) All Primitive Cells									
	B) All Anaerobic Cells	D) All Aerobic Cells									
Q.214	Glycolysis is the breakdown of glucose into two molecules of										
	A) Glycerate	C) Pyruvate									
	B) Lactic Acid	D) Succinic Acid									
Q.215	Before entering Krebs's cycle, the pyruvate is t										
	A) Alpha Ketoglutaric Acid	C) Glyceric Acid									
	B) Citric Acid	D) Acetic Acid									
Q.216	Some electron from the second primary acceptor may pass back to chlorophyll molecules by										
	electron carrier system, yielding ATP. This prod										
	A) Phosphorylation	C) Non-Cyclic Phosphorylation									
	B) Photophosphorylation	D) Cyclic Phosphorylation									
Q.217	Z-scheme is used for										
	A) Non-Cyclic Photophosphorylation	C) Both Cyclic and Non-Cyclic Photophosphorylation									
	B) Cyclic Photophosphorylation	D) Oxidative Phosphorylation									
Q.218	The common vectors used in recombinant DNA technology are										
	A) Probes	C) Plasmids									
	B) Palindromes	D) Prions									
Q.219	The enzyme used to isolate gene from DNA is										
Q.219	A) Helicase	C) Restriction Enzyme									
	B) Reverse Transcriptase	D) DNA Polymerase									
Q.220	Which one of the following enzymes is temperature insensitive?										
	A) DNA Polymerase I	C) DNA Polymerase III									
	B) Taq Polymerase	D) RNA Polymerase									

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University of Health Sciences, Lahore Entrance Test – 2011

For admission to Medical / Dental Institutions of the Punjab ANSWER KEY

The answer key to the questions of Entrance Test 2011 is being released.

Candidates can calculate their scores with the help of carbon copy of their response forms. Each correct answer carries 05 marks whereas one mark will be deducted from the total score for each wrong answer. Unattempted question carries zero marks. Complaints/ queries will be dealt only after the declaration of official result of the Entrance Test by the University. No request in this regard will be entertained before that.

Q.No.	Ans		Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
ID	D		46	D	92	Α	138	Α	184	В
1	В		47	В	93	D	139	В	185	Α
2	В		48	Α	94	Α	140	В	186	В
3	В		49	D	95	В	141	Α	187	D
4	В		50	С	96	В	142	С	188	D
5	D		51	С	97	D	143	В	189	Α
6	В		52	С	98	Α	144	С	190	Α
7	В		53	D	99	Α	145	С	191	В
8	С		54	D	100	С	146	В	192	В
9	D		55	В	101	D	147	Α	193	В
10	Α		56	Α	102	D	148	Α	194	Α
11	В		57	D	103	Α	149	Α	195	Α
12	Α		58	Α	104	A	150	С	196	В
13	Α		59	D	105	В	151	В	197	С
14	A		60	D	106	С	152	С	 198	С
15	D		61	Α	107	D	153	D	199	D
16	A		62	D	108	A	154	В	200	A
17	С		63	С	109	D	155	В	201	D
18	A		64	D	110	D	156	Α	202	В
19	С		65	С	111	A	157	A	203	В
20	В		66	В	112	D	158	С	204	A
21	A		67	A	113	С	159	A	205	A
22	D		68	A	114	С	160	D	206	A
23	A D		69 70	D A	115	С	161 162	В	207	B D
25	D	١,	71	C	116 117	B B	163	A	209	D
26	A	"	72	В	118	В	164	D	210	A
27	A		73	A	119	С	165	D	211	A
28	D		74	C	120	D	166	В	212	C
29	В		75	A	121	C	167	С	213	C
30	В		76	A	122	C	168	D	214	C
31	В		77	A	123	D	169	A	215	D
32	C		78	В	124	A	170	A	216	D
33	D		79	В	125	A	171	В	217	A
34	C		80	A	126	С	172	A	218	С
35	D		81	Α	127	В	173	Α	219	C
36	A		82	В	128	В	174	Α	220	В
37	С		83	D	129	С	175	В		
38	С		84	Α	130	D	176	D		
39	D		85	С	131	Α	177	С		
40	Α		86	Α	132	Α	178	В		
41	С		87	D	133	С	179	Α		
42	В		88	В	134	Α	180	D		
43	D		89	D	135	Α	181	D		
44	D		90	Α	136	Α	182	С		
45	С		91	Α	137	Α	183	С		