BIOLOGY >> Cell Structure and Function

- 1. A group of ribosomes attached to mRNA is known as?
 - A. polymer
 - B. polypeptide
 - C. polysomes
 - D. monomer

BIOLOGY >> Evolution

- 2. The severe reduction in population size is due to which of the following?
 - A. genetic drift
 - B. outbreeding
 - C. inbreeding
 - D. bottleneck

BIOLOGY >> Evolution

- 3. The frequency of allele if it is evolutionary successful is?
 - A. increased
 - B. decreased
 - C. no change
 - D. none of these

BIOLOGY >> Biological Molecules Enzymes

- 4. What percentage of water is found in brain cells?
 - A. 70
 - B. 80
 - C. 85
 - D. 90

BIOLOGY >> Bio-Energetics

- 5. Rate of photosynthesis does not depend upon:

 A. Quality of light
 - A. Quality of light
 - **B.** Intensity of Light
 - C. Duration of Light
 - D. Temperature

BIOLOGY >> Diversity among Animals

6. The animals in which coelom is formed due to splitting of mesoderm are knownas which of the following?

MERKOT

- A. Pseudocoelom
- B. Enterocoelous
- C. Amphicoelous
- D. Schizocoelous

BIOLOGY >> Prokaryotes

- 7. In cocci, three plane division result in formation of sarcine which is a
 - A. cuba of 8 cocci
 - B. square of 4 cocci
 - C. irregular structure
 - D. triangular 6 cocci

BIOLOGY >> Enzymes

- 8. Pancreatic zymogens are only activated when they reached at?
 - A. stomach
 - B. pancreas
 - C. small intestine
 - D. large intestine

BIOLOGY >> Bio-Energetics

- 9. Which of the following is a chemical link between catabolism and anabolism?
 - A. AMP
 - B. ATP
 - C. ADP
 - D. All of these

BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination

- 10. The darker, outer portion of the brain is called:
 - A. White matter
 - B. Gray matter
 - C. Reflex arc
 - D. Medulla

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)

- 11. Which element has function in opening and closing of stomata?
 - A. K
 - B. Mg
 - C. Cu
 - D. Fe

BIOLOGY >> Support and Movement

- 12. During a muscular contraction, which of the following elements maintains constant length?
 - - B. Hzone

A. I band

- C. A band
- D. sarcomere

JMERKOT

BIOLOGY >> Diversity among Animals

- 13. The fate of each blastomere is foretold. What will that cleavage be?
 - A. Spiral and indeterminate
 - B. Radial and indeterminate
 - C. Radial and indeterminate
 - D. Spiral and determinate

BIOLOGY >> Reproduction

- 14. In biennials and perennials, low temperature stimulus is not received by which of the following?
 - A. Shoot apex of mature stem
 - B. Embryo of the seed
 - C. Leaves of the plants
 - D. all of these

BIOLOGY >> Cell Structure and Function

- 15. Shape of the maturing phase of tge golgi apparatus is?
 - A. biconcave
 - B. convex
 - C. spherical
 - D. concave

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)

- 16. Choose the organ that filters the lymph:
 - A. heart
 - B. liver
 - C. spleen
 - D. pancreas

BIOLOGY >> Variation and Genetics / Inheritance

- 17. The gene which cannot be determined by observing the organism is?
 - A. dominant
 - B. allele
 - C. phenotype
 - D. recessive

BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination

- 18. Reflex action is controlled by:
 - A. Peripheral nervous system
 - B. Central nervous system
 - C. autonomic nervous system
 - D. Circulatory system

UMERKOT

BIOLOGY >> Biodiversity (Acellular Life/Variety of Life) 19. A chemical component that is NOT found in all viruses is: A. protein B. Lipids C. DNA D. RNA **BIOLOGY** >> Support and Movement 20. What is the basic unit of muscle fiber? A. myofibril B. Z-line C. M-line D. Fibroin BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination 21. Out of 31 pairs of spinal nerves, how many pairs of lumbar nerves are there? A. 5 B. 10 C. 12 D. 15 **BIOLOGY** >> Reproduction 22. Where in the female reproductive system thousands of eggs are found? A. ovaries B. vagina C. fallopian tube D. uterus **BIOLOGY** >> Bio-Energetics 23. Where does the dark reaction of photosynthesis takes place? B. Grana C. Stroma UMERKOT D. All of these **BIOLOGY >> Bio-Energetics** 24. The breaking of terminal phosphate of ATP yields? A. 7 Kcal B. 8 Kcal

C. 7,5 Kcal

D. 7.3 Kcal

BIOLOGY >> Evolution

- 25. Which of the following statements reflecting Darwin's theory of evolution is false?
 - A. Genetic variations can be inherited
 - B. Members of a population produce more offspring than the environment can support
 - C. Accumulation of adaptations leads to speciation
 - D. all are true

BIOLOGY >> Biodiversity (Acellular Life/Variety of Life)

- 26. Reverse transcriptase is a useful enzyme to have when
 - A. RNA virus converts its RNA to DNA
 - B. there are no host cells present
 - C. nutrients are scarce
 - D. spikes are forming in the new virus

BIOLOGY >> Variation and Genetics / Inheritance

- 27. Genotype ratio of Mendel's law of independent assortment is which of the following?
 - A. 3:1
 - B. 1:02:01
 - C. 9:3:3:1
 - D. none of these

BIOLOGY >> Enzymes

- 28. Ligases help in which of the following reactions?
 - A. splitting of two molecules
 - B. oxidation of molecules
 - C. joining of molecules
 - D. both a and b

BIOLOGY >> Cell Structure and Function

29. Which of the following can not be used to mediate the fusion of plasma membranes of two different cells?

MERKOT

- A. electric shock
- B. inactivated viruses
- C. polyethylene glycol
- D. emulsifier

BIOLOGY >> Biodiversity (Acellular Life/Variety of Life)

- 30. How can hepatitis be controlled?
 - A. Adopting hygienic measures
 - B. Routine vaccinations
 - C. Screening of organ donors
 - D. all of the above

BIOLOGY >> Biodiversity (Acellular Life/Variety of Life) is usual causative agent of genital herpes 31. A. HSV-1 B. HSV-2 C. both a and b D. none of these **BIOLOGY** >> Prokaryotes 32. The existance of microbes was confirmed by A. Robert Kuch is work B. Louis Pasteur's work C. Linneaus's work D. Ernst Hackel's work **BIOLOGY** >> Evolution 33. Homology means A. similiary in characteristics resulting from common ancestors B. similarity in function from acquired characterists C. study of similar organs but with different functions D. study of similar ograns but with different functions BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination 34. The largest part of forebrain which controls the intelligence, emotions and skeletal muscles is classified as? A. hypothalamus B. thalamus C. cerebellum D. cerebrum BIOLOGY >> Diversity among Animals 35. Which of the following combinations is incorrect? A. Nematoda-roundworms, pseudocoelomate B. Echinodermata- coelom present, bilateral symmetry C. Platyhelminthes- gastrovascular cavity, flatworms, accelemate D. Calcarea- gastrovascular cavity, coelom present **BIOLOGY** >> Biological Molecules Enzymes 36. Which of the following constitute large organic molecules? A. Cellulose B. qlucose C. amino acids D. all of these

BIOLOGY >> Variation and Genetics / Inheritance

- 37. A botanist sees that when he breeds a plants with blue flowers with a plant with red flowers, the resulting generation are plants that all have a 1 : 1 ratio of blue : red flowers. He knows that the two parents are homozygous for the trait of color. What phenomenon most likely explains the
 - 1 1 ratio in the filial generation?
 - A. Incomplete dominance
 - B. Independent assortment
 - C. Penetrance
 - D. Codominance

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)

- 38. Asthma releases a compound named as:
 - A. Histamine
 - B. Heparin
 - C. Epinephrine
 - D. Antibodies

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)

- 39. Amount of oxygen in inspired air is 21 % while in expired air is
 - A. 0.11
 - B. 0.12
 - C. 0.15
 - D. 0.16

BIOLOGY >> Diversity among Animals

- 40. Free living example of platyhelminthes is?
 - A. dugesia
 - B. fasciola
 - C. taenia
 - D. all of these

BIOLOGY >> Biological Molecules Enzymes

- 41. The element in basic structure of proteins which differentiate them from carbohydrates is?
 - A. C
 - B. H
 - C. N
 - D. none of these

BIOLOGY >> Variation and Genetics / Inheritance

- 42. Skin colour in man is controlled by how many pairs of genes?
 - A. 1
 - B. 2
 - C. 3
 - D. none of these

ACADEMY

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport) 43. Respiration involves the		
A. Chemical process B. Biochemical process C. Mechanical process D. Both B and C BIOLOGY >> Support and Movement 44. Which of these processes help in skeletal muscle relaxation after contraction? A. Motor neurons send electrical signals to to muscles B. troponin binds calcium C. calcium is released from intracellular storage sites D. None of these BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination 45. The number of functional parts in forebrain is: A. 2 B. 3 C. 4 D. 5 BIOLOGY >> Prokaryotes 46. Which of the following characteristics make plasmid DNA useful for researchers? A. Readily incorporate cloned DNA B. Capable of autonomous replication C. Capable of being isolated from genomic DNA D. all of these BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport) 47. The process of intake of oxygen and release of carbon dioxide is classified as A. Respiratory exchange B. Gaseous exchange C. Diffusion D. Osmosis BIOLOGY >> Diversity among Animals 48. Sperms released in water are carried to the mesenchyme in sponges by? A. Stipules B. Spicules C. Spines D. Amoeboid cell BIOLOGY >> Exzymes 49. Optimal pH for working of enzymes is? A. 5	BIOLOGY >	> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)
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48. Sperms released in water are carried to the mesenchyme in sponges by? A. Stipules B. Spicules C. Spines D. Amoeboid cell BIOLOGY >> Enzymes 49. Optimal pH for working of enzymes is? A. 5	D.	Osmosis
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B. Spicules C. Spines D. Amoeboid cell BIOLOGY >> Enzymes 49. Optimal pH for working of enzymes is? A. 5	48. Sperms	released in water are carried to the mesenchyme in sponges by?
C. Spines D. Amoeboid cell BIOLOGY >> Enzymes 49. Optimal pH for working of enzymes is? A. 5	A.	Stipules
D. Amoeboid cell BIOLOGY >> Enzymes 49. Optimal pH for working of enzymes is? A. 5		
BIOLOGY >> Enzymes 49. Optimal pH for working of enzymes is? A. 5		
49. Optimal pH for working of enzymes is? A. 5		
A. 5		
	-	
K / 5	A. B.	
C. 9		
D. 3		

BIOLOGY >> Prokaryotes

- 50. Which of the following structures helps cyanobacteria to move?
 - A. flagella
 - B. capsule
 - C. gas vesicles
 - D. all of these

BIOLOGY >> Evolution

- 51. How does inbreeding negatively impact a population?
 - A. The frequency of alleles does not change within the population.
 - B. It reduces the number heterozygous individuals, preventing beneficial alleles from being efficiently selected for.
 - C. increases the number of homozygous individuals, allowing potentially harmful recessive alleles to express themselves more frequently.
 - D. all of these

BIOLOGY >> Reproduction

- 52. Which tissue attaches the embryo to the wall of uterus?
 - A. Graafian follicle
 - B. Corpus luteum
 - C. Placenta
 - D. None of these

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)

- 53. Lymph capillaries join together to form larger lymph vessels, that gives rise to:
 - A. Thoracic duct
 - B. lymph duct
 - C. thoracic lymph duct
 - D. sperm duct

BIOLOGY >> Enzymes

- 54. Which of the following would most greatly increase the activity of an enzyme functioning in the small intestine?
 - A. Decrease the temperature
 - B. Increase the amount of enzymes
 - C. Decrease the pH
 - D. Increase the amount of substrate

BIOLOGY >> Cell Structure and Function

- 55. The haploid number of chromosomes in the human eggs and sperms are?
 - A. 22
 - B. 23
 - C. 21
 - D. 24

BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination 56. Which of these functions will be affected if the medulla oblongata is damaged? A. Thermoregulation **B.** Vision C. Memory D. Tactile sensation-response when pricked with a needle **BIOLOGY** >> Reproduction 57. All of the following statements are correct EXCEPT: A. The testicles produce millions of sperm. B. Hormones are produced by the testicles. C. Semen is produced in the seminal vesicles D. All males are born with one testicle BIOLOGY >> Variation and Genetics / Inheritance 58. How many types of gametes possible when rrYy is present? A. 1 B. 2 C. 3 D. 4 BIOLOGY >> Biodiversity (Acellular Life/Variety of Life) 59. What types of viruses contain the enzyme lysozyme to aid in their infection? A. bacteriophage B. animal viruses C. plant viruses D. fungal viruses **BIOLOGY** >> Bio-Energetics 60. Net yield of H2O in Photosynthesis is? A. 1 B. 6 UMERKOT C. 3 D. 0 **BIOLOGY** >> Diversity among Animals 61. Which group does not contain polyp? A. Anthozoa

D. Calcarea

B. Hydrozoa

C. Scyphozoa

BIOLOGY >> Diversity among Animals

- 62. Which of the following animals is NOT a protostome?
 - A. Earthworm
 - B. Cockroach
 - C. Butterfly
 - D. Sting ray

BIOLOGY >> Evolution

- 63. The structures of the front flipper of a whale and the forearm of a wolf have similar bone structure and derive from a common ancestor. This is an example of which of the following?
 - A. convergent evolution
 - B. analogous structures
 - C. homologous structures
 - D. bottleneck affect

BIOLOGY >> Cell Structure and Function

- 64. Under microscopic examination, which cellular structure would differentiate a plant cell from an animal cell?
 - A. nucleus
 - B. cell membrane
 - C. cytoplasm
 - D. cell vacuole

BIOLOGY >> Life processes in animals and plants (Nutrition/Gaseous exchange/Transport)

- 65. The flow of sap from cut plants is:
 - A. bleeding
 - B. plasmolysis
 - C. imbibition
 - D. guttation

BIOLOGY >> Prokaryotes

- 66. The flagella of a prokaryotic and eukaryotic cell vary in which of the following?
 - A. Mode of functioning and location in the cell
 - B. Types of movement and placement in the cell
 - C. Microtubular organization and function
 - D. Microtubular organization and type of movement

BIOLOGY >> Coordination and Control/ Nervous and Chemical Coordination

- 67. The ventral root of the spinal cord contains axons of
 - A. Sensory neuron
 - B. Motor neuron
 - C. Mixed neuron
 - D. Spinal neuron

BIOLOGY >> Bio-Energetics 68. What is the product of the ETC in animals? A. oxygen B. carbon dioxide

C. water

D. all of these

PHYSICS >> Electromagnetic Induction

69. The root mean square value of the alternating current is equal to

- A. twice the peak value
- B. half the peak value
- C. equal to the peak value
- D. $(1/\sqrt{2})$ times the peak value

PHYSICS >> Current Electricity

70. Basically a potentiometer is a device for

- A. Comparing two voltages
- B. Measuring a current
- C. Comparing two currents
- D. Measuring a voltage

PHYSICS >> Force and Motion

71. The displacement between A and B is defined as:...

- A. change in position of an object from A to B
- B. any distance between two points
- C. longest distance from A to B
- D. longest distance between two points CADEMY

PHYSICS >> Dawn of Modern Physics

72. Momentum of a photon is

A. 0

Β. α

C. hf/c

D. mv

PHYSICS >> Nuclear Physics

73. In fusion reaction of sun which element isotopes are used

- A. O
- B. C
- C. U
- D. H

UMERKOT

PHYSICS >> Thermodynamics

- 74. What does the constant n represent in the equation of state for an ideal gas PV=nRT?
 - A. number of atoms in the gas
 - B. number of moles of the gas
 - C. number of nucleons
 - D. number of molecules of gas

PHYSICS >> Atomic spectra

- 75. The black body always ____ radiations
 - A. emit
 - B. absorb
 - C. both a and b
 - D. reflects

PHYSICS >> Nuclear Physics

- 76. The ____ reaction is an example of renewable source of energy
 - A. fission
 - B. fusion
 - C. both a and b
 - D. none of these

PHYSICS >> Waves

- 77. The maximum value of displacement from the mean position is called:
 - A. height
 - B. amplitude
 - C. frequency
 - D. distance

PHYSICS >> Waves

- 78. The object oscillates due to:

 A. a restoring force

 - B. its weight
 - C. centripetal force
 - D. force of friction

PHYSICS >> Electromagnetism

- 79. Work done by the magnetic force on charged particle in presence of perpendicular magnetic field is
 - A. positive
 - B. zero
 - C. negative
 - D. none of these

JMERKOT

PHYSICS >> Electromagnetic Induction

80. For a coil self inductance L and current I then flux passing through it is

- A. LI
- B. LI₂
- C. L²I
- D. (LI)²

PHYSICS >> Rotational and Circular Motion

- 81. What is 30 degrees in radians?
 - Α. π/3
 - B. π/6
 - C. π/2
 - D. π/4

PHYSICS >> Force and Motion

- 82. If one body is at rest then if we try to move it then it will resist by
 - A. inertia of motion
 - B. inertia of rest
 - C. inertia of turning
 - D. inertia of acceleration

PHYSICS >> Nuclear Physics

- 83. If a photon is absorbed by a electron the energy of electron
 - A. increase
 - B. decrease
 - C. remain same
 - D. another photon will be released by electron

PHYSICS >> Electro-statistics

- 84. Energy stored in a parallel plate capacitor:...
 - A. CV
 - B. CV^2
 - C. ½ CV
 - D. ½ CV^2

PHYSICS >> Atomic spectra

- 85. Sun spectra also has dark lines in pattern which corresponds to
 - A. absorption
 - B. emission
 - C. release
 - D. free particle

UMERKOT

CADEMY

PHYSICS >> Thermodynamics

- 86. Which of the following is the statement of first law of thermodynamics?
 - A. difference between heat given to the system and work done by the system appears as internal energy of the system
 - B. difference between work done and change in internal energy is equal to the heat absorbed by the system
 - C. sum of heat absorbed and the increase in internal energy is equal to the work done by the system
 - D. sum of heat absorbed and the work done by the system is equal to the decrease in internal energy of the system

PHYSICS >> Electronics

- 87. Maximum efficiency of half wave rectifier is
 - A. 80.6 %
 - B. 40.60%
 - C. 70%
 - D. 50%

PHYSICS >> Current Electricity

- 88. The length of a conductor is halved. Its resistance will be :
 - A. halved
 - B. doubled
 - C. unchanged
 - D. quadrupled

PHYSICS >> Waves

- 89. A wave have the speed 0.50 m/s. If its wavelength is 1.5 m. What is the period of the wave?
 - A. 0.33 m
 - B. 3 m
 - C. 1.5 m
 - D. 6 m

PHYSICS >> Dawn of Modern Physics

- 90. When white light is used in Double Slit experiment then
 - A. non interference fringes observed
 - B. only central bright fringe is observed
 - C. only red and white fringes are observed
 - D. central bright and few coloured fringes are observed

PHYSICS >> Thermodynamics

- 91. If P= P0 and V=Vo gas expands isothermally to P=3Po then Volume is
 - A. 3Vo
 - B. 2Vo
 - C. Vo/3
 - D. Vo/2

CADEMY

PHYSICS >> Current Electricity

- 92. A neon flashlight cell with an emf of 1.5V gives a current of 15A when connected directly to an ammeter of resistance 0.04Ω . The internal resistance of the cell is:
 - A. 0.0004Ω
 - B. 0.06Ω
 - C. 0.10Ω
 - D. 0.13Ω

PHYSICS >> Nuclear Physics

- 93. What is the atomic number and mass number of Helium?
 - A. A=4, Z=2
 - B. A=2 Z=4
 - C. A=1 Z=1
 - D. A=3, Z=1

PHYSICS >> Electromagnetism

- 94. If a force of 2 N is applied on charge of Coulomb, the electric field becomes
 - A. 3/2 N/C
 - B. 2/3 N/C
 - C. 1/2 N/C
 - D. none of these

PHYSICS >> Waves

- 95. An object is undergoing simple harmonic motion. It's time period is T and total energy is E. he amplitude of vibration is reduced to half. What is the new time period and total energy of the system?
 - A. time period = T/2 total energy = E/4
 - B. time period = T total energy = E/4
 - C. time period = T/2 total energy = E/2
 - D. time period = T total energy = E/2

PHYSICS >> Waves

- 96. What is an optically active medium?
 - A. which absorbs light
 - B. which absorbs polarized light
 - C. which rotates plane of polarization
 - D. which refract polarized light

PHYSICS >> Force and Motion

- 97. If the velocity varies linearly with time then acceleration is called
 - A. nonuniform
 - B. discrete
 - C. instantaneous
 - D. uniform

CADEMY

ERKOT

PHYSICS >> Nuclear Physics

98. What will be the decay constant of a material whose half life is 1600 years in (ye	ear)^-1	1?
--	---------	----

- A. 4.33*10^-4
- B. 2.33*10^-4
- C. 4.33*10^4
- D. 2.33*10^4

PHYSICS >> Electromagnetic Induction

- 99. Lenz law is in accordance with conservation of
 - A. momentum
 - B. charge
 - C. current
 - D. energy

PHYSICS >> Electro-statistics

- 100. A particle carrying a charge 3e, accelerates through a potential difference of 2V. The energy acquired by it is:
 - A. 6eV
 - B. 1.5eV
 - C. 0.66eV
 - D. 12eV

PHYSICS >> Work and Energy

101 .A particle of mass 'm' is projected from the ground with an initial speed u0 at an angle 'a' with the horizontal. At the highest point of its trajectory it makes a completely in inelastic collision with another particle of mass which was thrown vertically upward from the ground with the same initial speed u0. The angle that the composite system makes with the horizontal immediately after the collision is

DHACADEMY

- A. 37°
- B. 45°-a
- C. 45°+a
- D. 90°

PHYSICS >> Electromagnetic Induction

- 102. Identify the factor on which mutual inductance does not depend.
 - A. relative orientation
 - B. relative separation of two coils
 - C. reciprocity
 - D. permeability of the core material

PHYSICS >> Dawn of Modern Physics

- 103. _____ is conserved in pair production
 - A. charge
 - B. momentum
 - C. both a & B
 - D. none of these

PHYSICS >> Work and Energy

104 .When work done by force of gravity is negative (only gravity is acting)

- A. KE decreases
- B. PE increases
- C. both (A) and (B)
- D. none of these

PHYSICS >> Nuclear Physics

105. According to Bohr's principle, what is the relation between the principal quantum number and the radius of the orbit?

- A. r∝n
- B. r∝1/n
- C. r∝n^2
- D. r∝1/n^2

PHYSICS >> Waves

106. Whenever a transverse wave travelling in a denser medium, is reflected from the boundary of the rarer medium.

- A. An incident crest on reflection disappears
- B. An incident trough on reflection becomes double
- C. An incident crest on reflection becomes a trough
- D. An incident crest on reflection remains crest

PHYSICS >> Electromagnetism

107. e/m =

- A. mv/Br
- B. v/Br
- C. r/Bv
- D. B/vr

PHYSICS >> Dawn of Modern Physics

108. The reverse process of pair production is known as:

- A. Annihilation of energy
- B. Anti Pair production
- C. materialization of matter
- D. Annihilation of practical into its antiparticle

PHYSICS >> Rotational and Circular Motion

109. For constant linear acceleration, angular acceleration and radius are

- A. equal
- B. inversely related
- C. directly related
- D. no relation

RKOT

PHYSICS >> Nuclear Physics

110. The charge and mass of photon is

- A. 0,0
- B. 1+,0
- C. 1-,0
- D. 1,1

PHYSICS >> Electromagnetism

- 111. Find the magnetic flux through a 1000 turn solenoid of radius 10 cm and length equal to cm and a current 3 A pass through it:
 - A. 0.4*10^-3 Wb
 - B. 4000 Wb
 - C. 0.4 Wb
 - D. 4 Wb

PHYSICS >> Electronics

- 112. Half wave voltage multiplier can provide any degree of voltage multiplication by cascading diodes and capacitors.
 - A. any doubler
 - B. any tripler
 - C. any multiplication
 - D. none of them

PHYSICS >> Electro-statistics

- 113. If the magnitude of charges on two point objects and the distance between them is doubled, then force will be:...
 - A. two times
 - B. four times
 - C. unchanged
 - D. halved

PHYSICS >> Thermodynamics

114. Amount of heat supplied to 0.02 kg of nitrogen to raise its temperature by 45 degree is

DHACADEMY

- A. 935J
- B. 934J
- C. 967J
- D. 954J

PHYSICS >> Rotational and Circular Motion

- 115. Find angular acceleration when $\Delta\omega$ is 250 rpm and Δt is 5.00 s.
- A. 5.24 rad/sec²
 - B. 6 rad/sec²
 - C. 10 rad/sec²
 - D. none of these

PHYSICS >> Force and Motion

- 116. Mass m1 has a velocity of 0m/s and mass m_2 has a velocity of 5 m/s. Mass $m_1 > m_2$. Which one has larger interior?
 - A. m2
 - B. m1
 - C. both m1 and m2
 - D. not enough information

PHYSICS >> Nuclear Physics

- 117. The deuterium atom has ____ quarks
 - A. 3
 - B. 6
 - C. 9
 - D. 12

PHYSICS >> Atomic spectra

- 118. A person with dark skin will feel
 - A. more heat
 - B. more cold
 - C. both a and b
 - D. heat doesn't depend on skin color

PHYSICS >> Current Electricity

- 119. Two wires of copper are of the same length but'have different diameters. When they are connected in series across a battery, the heat generated is H1 When connected in parallel across the same battery, the heat generated during the same time is H2 Then:
 - A. H1 = H2
 - B. H1 < H2
 - C. H1 > H2
 - D. H1 > H2

PHYSICS >> Electromagnetic Induction

- 120. Energy stored in an inductor is
 - A. electric energy
 - B. magnetic energy
 - C. electromagnetic energy
 - D. both a) and b)

PHYSICS >> Dawn of Modern Physics

121. What is the de Broglie wavelength associated with an electron, accelerated through a potential difference of 200 volts?

ACADEMY

IERKOT

- A. 1nm
- B. 0.5nm
- C. 0.0056 nm
- D. 0.086 nm

PHYSICS >> Thermodynamics 122. What is the internal energy change in system that has absorbed 800J of heat and work done is 500J? B. 550J C. 600J D. 300J PHYSICS >> Current Electricity 123. A wire has a resistance of 5.5 Ω at 19oC 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 PHYSICS >> Waves 124. The phase angle between two points is 3 pi. The distance between these points is 15 cm. What is the wavelength of the wave? A. 30 cm B. 45 cm C. 5 cm D. 10 cm CHEMISTRY >> Gases 125. Ethyl alcohol is a non polar solvent but can dissolve in water because of formation of: A. polar bond B. non-polar bond C. H-bond D. all of these CHEMISTRY >> Fundamental Principles of Organic Chemistry 126. The compounds which belongs to same functional group forms a A. Class B. Group C. Homologous series D. None of these CHEMISTRY >> Macromolecules 127. Which of the following element is present in all proteins? A. S

B. C C. N D. O

CHEMISTRY >> Chemical Equilibrium 128. Suppression of ionization means A. Decreasing Ionization **B.** Increasing Ionization C. Maintaining Ionization D. None of these **CHEMISTRY** >> Chemistry of Hydrocarbons 129. Which of the following suffix is used for the common naming of alkene? A. -ene B. -ylene C. -yne D. -eylene CHEMISTRY >> Introduction to Fundamental Concepts of Chemistry 130. Formula mass is considered for _____compounds instead of their molecular mass. A. metallic B. ionic C. covalent D. polar covalent CHEMISTRY >> Solids 131. In Powdered form the angles and faces in a crystal are A. Ruptured B. Changed C. Unchanged D. None of these CHEMISTRY >> Reaction Kinetics 132. Specific Rate constant changes its value with A. Time Constant B. Change in Temperature ACADEMY C. Change in Concentration D. Change in Pressure CHEMISTRY >> Chemical Bonding 133. A _____ bond may be polar or nonpolar A. Ionic bond B. covalent bond C. metallic bond D. co-ordinate bond CHEMISTRY >> Liquids 134. K.E of the liquids is directly proportional to ? A. Pressure B. Temperature C. Mass D. Nature

136. For a Voltaic Cell containing Zn and Copper electrodes the cell potential at standard conditions is A. 2 Volts B. 2.2 Volts C. 1 Volt D. 1.1 Volt CHEMISTRY >> Alcohol and Phenols 137. What is IVPAC name of isopropyl alcohol A. 2 - propanol B. 1 - propanol C. 2 - ethanol D. 2 - propane-1-ot CHEMISTRY >> Solids 138. The study of crystalline solids determines the A. mole B. Avogadro's number C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
B. Ethanal C. Ethanol D. Ethane CHEMISTRY >> Electrochemistry 136. For a Voltaic Cell containing Zn and Copper electrodes the cell potential at standard conditions is A. 2 Volts B. 2.2 Volts C. 1 Volt D. 1.1 Volt CHEMISTRY >> Alcohol and Phenols 137. What is IVPAC name of isopropyl alcohol A. 2 - propanol B. 1 - propanol C. 2 - ethanol D. 2 - propane-1-ot CHEMISTRY >> Solids 138. The study of crystalline solids determines the A. mole B. Avogadro's number C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
C. Ethanol D. Ethane CHEMISTRY >> Electrochemistry I36. For a Voltaic Cell containing Zn and Copper electrodes the cell potential at standard conditions is A. 2 Volts B. 2.2 Volts C. 1 Volt D. 1.1 Volt CHEMISTRY >> Alcohol and Phenols I37. What is IVPAC name of isopropyl alcohol A. 2 - propanol B. 1 - propanol C. 2 - ethanol D. 2 - propanel-1-ot CHEMISTRY >> Solids I38. The study of crystalline solids determines the A. mole B. Avogadro's number C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides I39. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
D. Ethane CHEMISTRY >> Electrochemistry 136. For a Voltaic Cell containing Zn and Copper electrodes the cell potential at standard conditions is A. 2 Volts B. 2.2 Volts C. 1 Volt D. 1.1 Volt CHEMISTRY >> Alcohol and Phenols 137. What is IVPAC name of isopropyl alcohol A. 2 - propanol B. 1 - propanol C. 2 - ethanol D. 2 - propanel-1-ot CHEMISTRY >> Solids 138. The study of crystalline solids determines the A. mole B. Avogadro's number C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
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C. 1 Volt D. 1.1 Volt CHEMISTRY >> Alcohol and Phenols 137. What is IVPAC name of isopropyl alcohol A. 2 - propanol B. 1 - propanol C. 2 - ethanol D. 2 - propane-1-ot CHEMISTRY >> Solids 138. The study of crystalline solids determines the A. mole B. Avogadro's number C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
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B. Avogadro's number C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
C. atomic mass D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
D. atomic number CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
CHEMISTRY >> Alkyl Halides 139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
139. Which one of the following is not a secondary alkyl halide? A. 2-Chloropropane
A. 2-Chloropropane
B. 3-Bromobutane
C. 2,3,dichloropentane
D. 2-chloro,2-methylpentane
CHEMISTRY >> Gases
140. Which inert gas is mixed with oxygen gas by deep sea divers to adjust the partial pressure o
oxygen gas.
A. Neon
B. Helium
C. Argon
D. Krypton

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PMC (PAID TEST-08) PAPER

COMPOSED BY: M. HANIF MAHAR

CHEMISTR	Y >> Liquids
141. Dipole	e dipole forces are stronger between the molecule when?
A.	Electronegativity difference is higher
В.	Electronegativity difference is less
C.	Molecules are far from each other
	Electronegativity difference is zero
	Y >> Solids
_	ibic close packed system, the number of octahedral void per atom is/are
A.	
B.	
C.	
D.	5
CHEMISTR	Y >> Electrochemistry
	um Foil is coated with finely divided platinum black in SHE to give larger
	Mass
	Volume
	Surface Area
	Temperature difference
	Y >> Introduction to Fundamental Concepts of Chemistry
	g combustion analysis MgClO4 is used to absorb
	oxygen gas
	hydrogen gas
	water vapors alcohol
	Y >> Introduction to Fundamental Concepts of Chemistry
145. A IUII : A.	stop may have atoms present in it one million
	two millions
	two millions one billion
	two billions
	Y >> Aldehydes and ketones exidation of ketones is not easy?
_	Because they involve breaking of C-O bond
	Because it involve breaking of C-C bond
	Because it involve breaking of C-H bond
	Because it involve breaking of C=C bond
	Y >> Atomic Structure
	napes of subshells is _if value of azimuthal quantum number 'I' is 2
	spherical
	dumbbell
C.	complicated
D.	all of these

CHEMISTRY >> Chemical Bonding
148. The bond formed b/w homonuclear diatomic molecule isin nature
A. polar
B. non-polar
C. may be polar or nonpolar
D. ionic
CHEMISTRY >> Thermochemistry and Energetic of Chemical Reactions
149. SI unit for energy change in a chemical reaction is
A. Joule/mole
B. KJ/mole C. KJ mol ⁻¹
D. All of these
Old Old
CHEMISTRY >> Chemical Equilibrium
150. To avoid long reaction time and to get equilibrium mixture quickly we add
A. More reactants
B. catalyst
C. inhibitors
D. enzymes
CHEMISTRY >> Chemistry of Hydrocarbons
151. The hydrocarbon in which all the 4 valencies of carbon are fully occupied is called as:
A. Alkene
B. Alkyne
C. Alkane
D. Cycloalkane
CHEMISTRY >> Aldehydes and ketones
152. Reaction of Aldehydes with Tollen's reagent results in formation of?
A. Red precipitate
B. Yellow precipitate C. Silver mirror
D. Brick red precipitate
CHEMISTRY >> Chemistry of Hydrocarbons 153. The reactivity of alkenes is due to the presence of?
A. Sigma bond
B Two Pi bond
C. One Pi bond
D. Due to electrophilic nature
CHEMISTRY >> Transition Elements
154. Which oxidation is possessed by all the elements of group III B ?
A. 2
B. 3
C. 5
D. 7

CHEMISTRY >> Fundamental Principles of Organic Chemistry	
155. Formyl group belongs to which class of compounds?	
A. Aldehydes	
B. Ketones	
C. Alkanals	
D. Both a and c	
CHEMISTRY >> Fundamental Principles of Organic Chemistry	
156. Which of the following is not aromatic?	
A. Anthracene	
B. Naphthalene	
C. Phenol	
D. None of these	
CHEMISTRY >> Macromolecules	
157. In nature fatty acids occur asof glycerol?	
A. Acid halides P. Binary compounds	
B. Binary compounds C. Esters	
D. Alkanes	
CHEMISTRY >> Reaction Kinetics	
158. For 3rd order reactions the half-life is	
A. inversely proportional to square of concentration	
B. directly proportional to cube of concentration	
C. inversely proportional to concentration	
D. directly proportional to concentration	
CHEMISTRY >> Carboxylic Acids	
159. Boiling point of carboxylic acids are high due to?	
A. Polarity of carbonyl group	
B. Due to methyl group	
C. Due to H-Bonding D. Due London forces	
D. Due London forces	
CHEMISTRY >> Macromolecules	
160. Activator of phosphatase enzyme is A. Mn ²⁺	
A. Mn ²⁺	
B. Mg ²⁺ C. Zn ²⁺	
D. None of these	
CHEMISTRY >> Carboxylic Acids 161. Propanoic acid is produced when?	
A. Methyl MgBr react with CO ₂	
B. Isopropyl MgBr react with CO ₂	
C. Ethyl MgBr react with CO ₂	
D. Propyl MgBr react with CO ₂	
-	

CHEMISTRY >> Carboxylic Acids 162. Carboxylic acids turn? A. Red litmus blue B. Blue litmus red C. Neutral to litmus

CHEMISTRY >> Liquids

D. No effect

163. What is the relationship between boiling point and External pressure?

- A. Boiling point increases if external pressure is increased
- B. boiling point increases if external pressure decreases
- C. Boiling point is not affected by external pressure
- D. Boiling point decreases if external pressure increased

CHEMISTRY >> Atomic Structure

164. The 'm' quantum number describes the ______ of electron

- A. energy level
- B. orbital or subshell
- C. orientation of orbital
- D. Spin of electron

CHEMISTRY >> Alcohol and Phenols

165 .Who first extracted phenol?

- A. Wohler
- B. Runge
- C. Wittig
- D. Wurtz

CHEMISTRY >> Reaction Kinetics

166. dx/dt is rate of reaction expression where dx is

- A. Concentration
- B. Change in Concentration

 C. Very small change in Concentration
- D. All of these

CHEMISTRY >> S and P Block elements

167. The last subshell of alkaline earth metals

- A. 2s
- B. 1s
- C. 2d
- D. 3d

CHEMISTRY >> Transition Elements

168. The oxidation state of transition elements is usually

- A. Variable
 - B. Constant
 - C. Single
 - D. Infinite

CHEMISTRY >> Chemical Equilibrium

- 169. Effect of Change in Pressure for a reaction with different number of moles at reactant and product side are:
 - A. Irreversible Reactions
 - B. Reversible reactions
 - C. Reversible gaseous reactions
 - D. All of these

CHEMISTRY >> Carboxylic Acids

170. 2-hydroxy propanoic acid is also called as_____?

- A. Stearic acid
- B. Butyric acid
- C. Maleic acid
- D. Lactic acid

CHEMISTRY >> Alcohol and Phenois

171. When O-H bond breaks in alcohol is the order of reactivity

- A. Primary alcohol) secondary alcohol) tertiary alcohol
- B. methyl alcohol) primary alcohol) secondary alcohol) tertiary alcohol
- C. Primary alcohol (secondary alcohol (tertiary alcohol
- D. ethanol) primary alcohol) secondary alcohol) tertiary alcohol

CHEMISTRY >> Chemistry of Hydrocarbons

172. In which of the following benzene is isolated?

- A. Naphthalene
- B. Diphenyl ethane
- C. Phenanthrene
- D. Anthracene

CHEMISTRY >> Reaction Kinetics

- 173. The slope determined by drawing a right angled triangle drawn with tangent as hypotenuse will be same
 - A. with different sizes of triangles drawn
 - B. at different point on curve
 - C. at the start and end of curve
 - D. All of these

CHEMISTRY >> Thermochemistry and Energetic of Chemical Reactions

174. Energy change is governed by

- A. Heat
- B. Work
- C. Enthalpy
- D. None of these

CHEMISTRY >> Liquids 175. At which temperature water boils at Murree Hills? A. 50°C B. 100°C C. 98°C D. 67°C CHEMISTRY >> Electrochemistry 176. Number of Electrons added on both sides of oxidation and reduction half reactions are balanced: A. At the start of procedure B. Somewhere in the middle of balancing C. After Adding two Half reactions D. Before Adding two Half Reactions CHEMISTRY >> Atomic Structure 177. The order of size of 's' orbital is as follows: A. ...4s<3s<2s<1s B. ...4s>3s>2s>1s C. constant D. none of these CHEMISTRY >> S and P Block elements 178. Lighter the Oxidation state of Metal more will be_ A. Acidity of metal B. Polarization power C. Basicity of metal D. None of these CHEMISTRY >> Introduction to Fundamental Concepts of Chemistry 179. Glucose(C6H12O6) is the most important nutrient in a cell for generating chemical potential energy, what is the mass percent of carbon in 1.5g of sample: A. 33% UMERKOT B. 40% C. 53.3% D. 6.67% CHEMISTRY >> Aldehydes and ketones 180. Which one of the following does not give iodoform test? A. Acetaldehyde B 3-hexanone

C. Butanone

D. Acetone

ENGLISH >> Mistakes in Sentences or short written texts

Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

- 181. When the dentist came in (A), my tooth was stopped aching (B)/ out of fear (C) that I might loose my tooth. (D)
 - A. When the dentist came in
 - B. my tooth was stopped aching
 - C. out of fear
 - D. that i might loose my tooth.

ENGLISH >> Use of writing conventions of spelling, capitalization and punctuation

Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

182. Choose the correct sentence.

- A. ali lives in dubai, the United arab emirates.
- B. Ali lives in dubai, the united arab emirates.
- C. Ali lives in Dubai, in the United Arab Emirates.
- D. Ali lives in Dubai, the United Arab Emirates.

ENGLISH >> Vocabulary

Comprehend key vocabulary

183. How are you doing? I'm to meet you.

- A. calm
- B. lovely
- C. pleased
- D. helpful

ENGLISH >> Correct use of articles and prepositions

Demonstrate correct use of articles and prepositions

_____ apple a day keeps the doctor away. 184. UMERKOT

- A. A
- B. An
- C. The
- D. No article

ENGLISH >> Mistakes in Sentences or short written texts

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

185. Choose the correct spelling of the word

- A. nite
- B. nigt
- C. nighte
- D. night

ENGLISH >> Mistakes in Sentences or short written texts

Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

punctuation to clarify meaning
186. I had just entered (A) / the station (B)/ than I met (C)/ my friends (D).
A. I had just entered
B. the station
C. than I met
D. my friends.
ENGLISH >> Structure of Sentence
Demonstrate control of tenses and sentence structure
187. Identify the tense used in the given sentence. "Everyone shall be reaching by tomorrow."
A. Present
B. Past
C. Future
D. None
ENGLISH >> Tenses
Demonstrate control of tenses and sentence structure
188. My friend (suffer) from cholera since August.
A. suffer
B. suffered
C. suffering
D. is suffering
ENGLISH >> Vocabulary
Comprehend key vocabulary
189. sentiment
189. sentiment A. practical
B. emotion
C. dispassionate
D. realistic
ENGLISH >> Use of writing conventions of spelling, capitalization and punctuation
Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarif meaning
190. will not
A. wont
B. won't
C. wont'

D. won't

ENGLISH:	>> Vocabulary
	nd key vocabulary
_	r mustleft his briefcase at the office.
	of
В.	had
C.	<mark>have</mark>
D.	opt
ENGLISH:	>> Correct use of articles and prepositions
Demonstra	ate correct use of articles and prepositions
_	one hopes to get a job with prospects promotion, but not many people e to do so.
A.	on 🕏
B.	of
C.	in
D.	around
ENGLISH:	>> Tenses
Demonstra	ate control of tenses and sentence structure
	(am) working all afternoon and have just finished the assignment.
	had been
	have been
	am
	shall be
	>> Structure of Sentence
	ate control of tenses and sentence structure
	a successful writer.
	Declarative Imperative A CADE Imperative
В.	Imperative
C.	
D.	Exclamatory
ENGLISH:	>> Correct use of articles and prepositions
Demonstra	ate correct use of articles and prepositions
195. This is	s good company to work with.
A.	<mark>a</mark>
В.	an
C.	the
D.	no article

ENGLISH >> Vocabulary	
Comprehend key vocabulary	
196. Sana became at typing because she practiced every day for six months.	
A. reflective	
B. redundant	
C. proficient	
D. dormant	
ENGLISH >> Structure of Sentence	
Demonstrate control of tenses and sentence structure	
197. Find the error?	
A. No, it's not true.	
B. The curtain closed, and the people will applaud.	
C. My sister is a medical practitioner.	
D. No mistakes.	
ENGLISH >> Mistakes in Sentences or short written texts	
Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-	verl
agreement Demonstrate correct use of writing conventions of spelling, capitalization	and
punctuation to clarify meaning	
198. If I had been thirsty (A)/ I would have (B)/ drank the lemonade (c)/ without waiting for you.	(D)
A. If i had been thirsty	
B. I would have	
C. drank the lemonade	
D. without waiting for you.	
ENGLISH >> Correct use of articles and prepositions	
Demonstrate correct use of articles and prepositions	
199. There isinstitution for blind in this city.	
A. a an	
B. a the	
C. an a	
D. an the	
ENGLISH >> Vocabulary	
Comprehend key vocabulary	
200. catalyst	
A alluring	
B. person or thing that causes a change	
C. enticing	
D. absolving	

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PMC (PAID TEST-08) PAPER

COMPOSED BY: M. HANIF MAHAR

LOGICAL REASONING >> Logical Deduction

Verbal Classification

201. Which one of the following is a different one?

- A. Skin
- B. Lungs
- C. Heart
- D. Life

LOGICAL REASONING >> Cause & Effect

Dependent Causes/Independent Causes/

- 202. Statement: The private medical colleges have increased the tuition fees in the current year by 200 per cent over the last year's fees to meet the expenses. The government medical colleges have not increased their fees in spite of price escalation.
 - A. Statement I is the cause and statement II is its effect.
 - B. Statement II is the cause and statement I is its effect
 - C. Both the statements I and II are independent causes
 - D. Both the statements I and II are effects of some common cause

LOGICAL REASONING >> Critical Reasoning

Statements and Conclusions

- 203. Statements Nutritious food is delicious and good for health. Apple is nutritious. Conclusions (I) Apple is good for health. (II) Delicious foods are nutritious.
 - A. Only conclusion (I) follows
 - B. Only conclusion (II) follows
 - C. Both conclusions follow
 - D. Both of them do not follow

LOGICAL REASONING >> Letter and Symbol Series

Identify the number that follows the series.

204. Look at this series: 36, 34, 30, 28, 24, ... What number should come next?

- A. 20
- B. 22
- C. 23
- D. 26

LOGICAL REASONING >> Logical Problems

Verbal Classification

205. At what time between 4 and 5 o'clock will the hands of a watch point in opposite directions?

UMERKOT

- A. (54 + 6/11) past 4
- B. (54 + 8/11) past 4
- C. (53 + 7/11) past
- D. Both A and B

LOGICAL REASONING >> Logical Deduction

Statements and conclusions

- 206. All benches are chairs. Some chairs are roads. All roads are pillars. Conclusions: I— Some pillars are benches II Some pillars are chairs. III—Some roads are benches IV —No pillar is bench:
 - A. A. None follows
 - B. Only either I or IV, and III follows
 - C. Only either I or IV follows
 - D. Only either I or IV, and II follows

LOGICAL REASONING >> Cause & Effect

Dependent Causes/Independent Causes/

- 207. I) The third-degree criminal was imprisoned for three life sentences.
 - II) The security arrangements by the police were more than adequate.
 - A. Statement I is the cause and statement II is its effect.
 - B. Statement II is the cause and statement I is its effect.
 - C. Both statements I and II are independent causes
 - D. Both statements I and II are the effects of independent cause.

LOGICAL REASONING >> Logical Problems

Making Judgements

- 208. In the word 'DOORSTEP' if all the vowels are replaced with the letter immediate next to it in the English alphabet series and all the consonants are replaced with the letter immediate before it in the English alphabet series, then how many vowels are there in the new word?
 - A. None
 - B. One
 - C. Two
 - D. More than two

LOGICAL REASONING >> Cause & Effect

Dependent Causes/Independent Causes/

- 209. Statement: Rural and semi urban areas in the country have been suffering due to load shedding for quite some time. If the government is not able to overcome the power crisis, load shedding will be extended even to the urban areas.
 - A. Statement I is the cause and statement II is its effect.
 - B. Statement II is the cause and statement I is its effect
 - C. Both the statements I and II are independent causes
 - D. Both the statements I and II are effects of some common cause

LOGICAL REASONING >> Letter and Symbol Series

Complete the series

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

- A. D390625
 - B. D364748
 - C. D390524
 - D. D390525