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,	V/A	The same of the same	**************************************	H.
A necessing to the author, a sections are criste may avoid being projudiced by her embjective reaction if she: A mean or orthogs in relation to a finely set of alone and values it menge to be abservation a lenselection of are honory and authoric theory. C, shows more time for the preferences of other art critics. The author implies that it is insufficient to treat a work of art solely historically because: A, doing so would lead the critic to some of the artwork's unique qualities. C, subjective reactions can produce a biased response. D. critics are not sufficiently firmitiar with art history.	A summer regression B sugar countes C pressure extranon D homility war 10. ALWAYS: NEVER: A office; rarely B, frequently, occasionally C constantly, community D measuremently, causally BIOLOGY 11. Human kidney contains pyramids. A 12-16 B 19-13 C 17-20 D 5-10 12. The presence of stones in the human kidney is called A. Cement B. Nephrolithnacis C. Hypercalcioria D Contains C. Hypercalcioria	14. Movement of solvetances from a region of high concentration to fow concentration is called A. Diffusion B. Common C. Rapid flow D. Filtration 15. In human belogs, hang volume can be measured by special instrument called A. Vital pipe B. Spectrometry C. Spectrometry C. Spectrometry D. Spinometry 16. The process of joining two monomers by removing water molecule is called A. Condensation B. Hydrolysis C. Hydration D. Decomposition 17. The hody sometime eliminates old cells or unwanted cells at	19. The inflammation of the sir passage ways is known as A. Presentation B. Actions C. Recombine D. Long concer 20. The total surface area of the enspiratory corface in humans is about times to the size of the body. A. 16: B. 20: C. 15: D. 25 21 enzyme act on amylase to convert it into maliase. A. Maltace B. Lipase C. Amylase D. Lactore 22. The word Botany is taken from Greek language A. Sutane B. Richane	1000 CO
Four lettered pairs (A to D) follow a related pair of words given in capitals. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair in capitals. CONDUIT: WATER::	D. Cysteine 13cell wall develops between plasma membrane and primary cell wall. A. Middle lamella B. Tertiary C. Secondary D. Elongated	embryonic stage according to their genetic information, this process is called A. Apoptosis B. Autolysis C. Krabbes D. Gauche 18. In humans % uric acid is	B. Biotime C. Botalins D. Butanse 23. Plants exchange gases for the process of photosynthesis and A. Respiration B. Breathing	

THE RESERVE OF THE PERSON NAMED IN
24. The secral muscle organ is
24. The average membrane called aurususded by membrane called
AMERICAN AND ADDRESS OF THE PERSON NAMED IN COLUMN 1
A. Perseysiam:
it Endomyment
C Sucule
D. Spenyarian
25. The solution of biological problem
25. The solution of humpical protects atasts with
SEASTS MINE
A. Experience
8. Hypenlinsis
C Observation
D. Remaning
D. Kramming
In Human persons system consists of
parts.
(6.6)
the Colombia Colombia
27, in human body, there are
patrs of cranial
servet.
A a v janeticky far controls
communication between a amount
and austine will
<u> </u>

29. The branch of science which deals with the study of human bones is called
A. Histology B. Morphology C. Cytology D. Ostcology
30. The study of structure of tiame of plant and animals is known as
A. Taxonomy R. Paleontology C. Histology D. Physiology
31. The term homeostatic was introduced by
A. Walter R. Fleming C. Mendel D. Joseph
32. Each enzyme has special charged place to fit the substrate called
A. Coenzyme B. Active site C. Agic-ensyms D: Hollencosyme
33 refers to the difficulty in focusing distance objects.
A. Hyperopia St. Stiopia C. Myopia

45. If we double the oragnitude of charges and double the distance between charges then the magnitude of force will become	50, if we follow the electric field lines due to positive point charge then electric field strength will	54. Turnur acting on a current carrying coil is the working principle of	59. The value of escape velocity is this independent of A. Mass of shows
A. System times B. Four times C. Eight times D. Remains same	A. Increase B. Decrease C. Remains same D. None of these	A. Moving and galvanumeter B. Wheatstone bridge C. Meter bridge D. Potentiometer	B. Mass of placet C. Radius of placet D. Both B. and C
46. At what angle between two vectors, their scaler product is equal to their vector product? A. 30°	SI. If we double the area of plates and half the distance between the plates then the capacitance of a capacitor will become A. Double B. Half	55. Which one the following is dimensionless quantity? A. Pressure B. Angle C. Velocity D. Force	apward with velocity 10m/s then maximum height attained will be A. 5 m B. 10 m C. 15 m D. 20 m
D. 45° 7. Impulse is equal to A. monucusum B. Change in momentum C. Product of force and time D. Both B and C Ammeter is connected in In circuit. A. Series B. Parallel C. Series and parallel	C. Four times D. One fourth 52. According to which of the following law, volume of gas is directly proportional to temperature at constant pressure. A. Boyle's Law B. Charles Law C. Avogadro's Law D. Graham's Law of diffusion 53. Torque acting on current carrying coil placed in uniform magnetic is minimum when plane of coil is placed	56. Electric flux through a close surface enclosing an electric dipole is A. Positive B. Negative C. Zero D. Either positive or negative 57. Which material has a negative temperature coefficient of resistance? A. Iron B. Mercury C. Silicon	61. If we double the potential difference between the plates of charged capacitor then energy stored will become of initial value. A. Double B. Half C. Four traces D. One fourth 62. Voltmeter is connected in in circuit. A. Series B. Parallel
D. None of these The shape of the falling drop is due to A. Visconity B. Surface termion Buoyancy Upthrust force	A. Parallel to the magnetic field B. Perpendicular to the magnetic field C. 450 to the magnetic field D. 600 to the magnetic field	58. If a wire of resistance R is stretched three time, then new resistance of wire will become A. R. B. 3R. C. 9R. D. R/3	C. Series and parallel D. None of those 63. According to Pascal's Law, an increase in pressure at any pulsit in an enclosed fluid is transmitted A. In opposite direction B. In same direction C. In perpendicular direction

- 4. The relation between time period and orbital radius for satellite is given by
 - A Keppler's First Law
 - B. Keppler's Second Law
 - C. Keppler's Third Law
 - D. Keppler's Fourth Law
- 45. In transformer, which of the following quantity remain same during mutual induction?
 - A. Voltage
 - B. Current
 - G. Frequency
- D. Both A and B
- 66. The negative of Potential gradient is equal to
 - A. Electric field intensity
 - B. Potential difference
- C Work done
- D. Charge
- 67. Which of the following quantity is
 - A Force
 - B. Mary
- C. Velocity
- D. Acceleration
- 68. The slope of momentum timegraph is equal to
 - A POWER
 - B. Incouler
- C. Acceleration

- 69. Which of the following quantity is
 - A. Power
 - B. Weight
 - C. Radian
 - D. Mass
- 70. The dot product of force and velocity is
 - A: Mass
 - B Facty
 - C. Power
 - D. Work

CHEMISTRY

- 71. An orbital can have maximum two electrons with opposite spin according to
 - A. Hund's rule
 - B. Pauli exclusion principle
- C. Aufhau principle
- D. Heisenberg principle
- 72. Alpha rays have high ionization power due to
 - A. Small size
 - B. Large size
 - C. Have no charge
- D. Have negative charge
- 73. The number of covalent bond present in 12g of NH3 are:
 - A 1.4 x 1024
 - B. 1.2 x 1024
 - C. 1.52 x 1023
- D. 1.53 x 1024

- 74. 4ng of ethyl alcohol and 180g of glucose having same
 - A. Number of atoms
 - B. Same number of electrons
 - C. Same number of protons
- D. Same number of molecules
- 75. Paschan, Bracket and Pfund series lies in the
 - A. Visible region
 - B. Microwave region.
 - C. Infrared region
- D. Ultraviolent region
- 76. Number of moles in 35g of sodium metal are
 - A 1.524
 - B. 1.90g
 - C 1.32g
 - D. 2.20g
- 77. The quantum number which explain shape of orbital is
 - A. Spin quantum number
 - B. Magnetic quantum number
- C. Principle quantum number
- D. Azimuhal quantum number
- 78. Electron is how much less than neutron
 - A. 1836 times
 - B. 1842 times
 - C. 1839 times
- D. 1830 times

- 79. Example of colloids containing gasin liquid is
 - A Milk
 - B. Jelly
 - C. Fug
 - D. Rubby glass
- 80. 27g of Al will react with how much nutra of O2 to produce Al2O3
 - A Sg of O2
 - B. 12g of O2
 - C. 36g of O2
 - D. 24g of O2
- 81. Stoicheion is a Greek word which means
 - A. Element
 - B. Molecules
 - C. Atom
 - D. lon
- 82. Maximum number of molecules are present in at STP
 - A. 22.414dm of O2
 - B. I moles of O2 C. 44g of CO2
 - D. 64g of O2
- 83. James Chadwick in 1932 AD discovered
 - A. Proton
 - B. Neutron
 - C. Electron
 - D. a particle

- 84. Theory which succeedably explain paramagnetic infraction of GA molecules
 - AUVISION STREET
 - B.MOT
 - CVB
 - D. Ounning Sheety
- est. A entertances which concurred earlier in a decreical reaction is eatlied:
 - A. PERSONAL PROPERTY.
 - B. Altial yield
 - C. Lending specials.
 - Ch. Understrong structure
- So. The value of Planck's constant is
 - A &62 x 10 24 J.x
 - N. S. SZ x 10⁻²⁰ Z x
 - C. 6.62 v 1024 JA
 - 17. 6.67 5 10-27 3.5
- 83, 12g of carbon and 24g of magnesium having same
 - A Number of pulsecies
 - S. About sandon
 - 47 Man number
 - D. Number of stores
- 88. Measure of internal resistance of a liquid is called
 - A. Surface Marine
 - S. Eugenstein.
 - C. Boiling posts
 - (2 susumit

- 89. Experimentally determined yield to also called:
 - A. Theoretical yield
 - in Percent wield
 - C. Actual yards
 - D. Manufacturing yield
- on The mass of 15dm³ of O₂ is equal to
 - A-20g
 - B. 210418
 - 45:032m
 - DK (THE
- 91. Which statement is correct for 2 males of CO2
 - A. 22.414dm2 volume of STP
 - B. 44g of COz.
 - C. 8.027 a 1023 molecules of STF
 - D. Ring of CO2
- 92. m +1 rule is used for
 - A. Shape of exhibits
 - 28. Filling of electrons to orbitals
 - C. Energy of orbitals
 - D. Shape of orbit
- 93. The study of the absorption and emission of light by matter is called:
 - A. Endmonpy
 - B. Specimecopy
 - C. Excitation
 - D. De-excitation

- or Which statement is incorrect about 24g of carbon dioxide (CO1)
 - A. 1.2044 x 10²⁴ molecules of CO₂
 - p. 2 males of CO2
 - C 32 g of oxygen
 - D 22.4 dm of CO2 at STP
- us. Calculate number of units of 90g of water
 - A. 5 moles
 - 11. 2.5 moles
 - C. 10 modes
 - D. 16 moles
- 96. Which one of the following has formula mass
 - A Callingon
 - BEKCI
 - C. CO2
 - D Nila
- 97. Third line of Balmer's series is
 - A. na=1 . na=5
 - B na-2, na-4
 - C n1-1, n2-5
 - D. na=3, na=5
- 98. Degenerate orbitals are orbitals of
 - A. Different coergy
 - B. Same energy
 - C. Increase in energy
 - D. Decrease in energy

- us Bond order of O7 molecules
 - 1.3
 - 15.7
 - D. Zavo order
- 100. Calculate energy of electrons when n=2 in K Pmole
 - A. 328.25 K-jumole
 - B. -479.4 K 1/mole
 - C -632.4 K g mole
 - D .- 812 2 K 3/1006s

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