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Total Questions 100

Identify the word or phrase that needs to be changed for the sentence to be correct

- 1) He is among the better novelist in this country today. No error  
a. A      B      C      D      E
- 2) It is fascinating to watch a potter making lump of clay into a beautiful vase. No error.  
a. A      B      C      D      E

Choose the word most similar in meaning to the capitalized one.

- 3) RIVAL  
A. Player  
B. Friend  
C. Opponent  
D. Colleague  
E. Fellow
- 4) ASTONISH  
A. Punish  
B. Surprise  
C. Please  
D. Warn  
E. Control

Choose the lettered word or phrase that is most nearly opposite to the capitalized letters.

- 5) REGRETTABLE  
A. Tragic  
B. Disappointing  
C. Historic  
D. Necessary  
E. Fortunate
- 6) RELIABLE  
A. Changeable  
B. Stable  
C. Trustworthy  
D. Honest  
E. Balanced

Read the passage to answer Question 7-8

We have so far referred only to England and not to Britain. The distinction is important because England is only part of Britain- the biggest part, to be true, but still only a part whereas Britain includes also Wales and Scotland. The Anglo-Saxons after conquering England never succeeded in penetrating to these parts of Britain, so that the English language was never implanted here. The inhabitants, known as Celts, who were independent of English for many years kept their own language. Celtic, various dialects of which are still spoken today in these parts of Britain and in Ireland. Welsh is spoken in Wales, Gaelic in Scotland and Cornish, used to be spoken in south west corner of England, but it became extinct about 200 years ago.

- 7) Why English language never planted in the Wales and Scotland?
- A. Because people in these areas never wanted to learn English
  - B. Because the Anglo-Saxons never succeeded in getting in to these areas.
  - C. Because the Anglo-Saxons who reached in these areas learnt the native languages there.
  - D. Because of the natives of these areas never came to England
  - E. Because these areas were not part of Britain.
- 8) Which of the following is correctly matched to the area where it was spoken?
- A. Welsh .... Scotland
  - B. Gaelic .... Ireland
  - C. Erse .... Wales
  - D. Cornish .... South west corner of England.
  - E. Erse .... Scotland

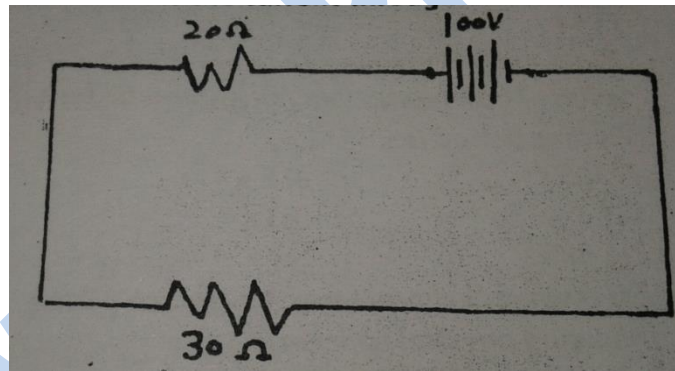
Complete the sentences by choosing the most appropriate option, from the given lettered choices (A to E) below each.

- 9) She is grieving \_\_\_\_\_ for the loss of her child.
- A. Bitterly
  - B. Gladly
  - C. Happily
  - D. Boldly
  - E. Mockingly
- 10) The children are going \_\_\_\_\_ visit the museum this afternoon.
- A. For
  - B. To
  - C. Off
  - D. At
  - E. Too
- 11) Identify the example of projectile motion
- (I) A missile shot from a gun
  - (II) A player making a long jump
  - (III) A ball rolling on smooth surface
  - (IV) A football kicked off by a player
- A. I only
  - B. II only

- C. III only  
D. I, II and IV only  
E. I, II, III and IV
- 12) Equation like  $X = V_{ax} t$  and  $Y = V_{ay} t - 1/2gt^2$  are independent description of motion one involving coordinate X and the other coordinate Y, where as X and Y both dependent upon common variable "t", such equations are called as
- A. Quadratic equations
  - B. Simple equations
  - C. Parametric equations
  - D. Linear equations
- 13) A torque which produced counter clockwise rotation is considered to be \_\_\_\_\_ and that producing a clockwise rotation is taken as \_\_\_\_\_.
- A. Negative ... negative
  - B. Positive ... positive
  - C. Positive ... negative
  - D. Negative ... positive
  - E. None of the above
- 14) Every point of the spinning object moves along an arc of the circle in a small interval of time and the centers of these entire circle lie along a straight line. this straight line is known as:
- A. Spinning point
  - B. Double spinning point
  - C. Axis of rotation
  - D. Center of rotation
  - E. Spinning center
- 15) While a person lifts a book of mass 2 kg from the floor to a tabletop, 1.5 m above the floor, how much work does the gravitational force do on the book?
- A. -30 J
  - B. -15 J
  - C. 0 J
  - D. 25 J
  - E. 40 J
- 16) A force of 200 N is required to keep on object sliding at a constant speed of 2 m/s across a rough floor. How much power is being expended to maintain his motion?
- A. 50 W
  - B. 100 W
  - C. 200 W
  - D. 400 W
  - E. Cannot be determined by the information given
- 17) Identify the example/s of kinetic energy:
- (I) A stone thrown upward can lift itself against the force of gravity
  - (II) Moving ball can break a window
  - (III) A striking hammer can drive the nail
- A. I and II only

- B. I and III only  
C. II and III only  
D. I only  
E. I, II and III
- 18) A particle travels in a circular path of a radius 0.2m with a constant kinetic energy of 4J. what is the net force on this particle?  
A. 4 N  
B. 16 N  
C. 20 N  
D. 40 N
- 19) A string, fixed at the both ends, supports a standing wave with total of 4 nodes. If the length of string is 6m, what is the wavelength of the wave?  
A. 0.67 m  
B. 1.2 m  
C. 1.5 m  
D. 3 m  
E. 4 m
- 20) If length of simple pendulum is 88.2 cm. the value of acceleration due to gravity is  $9.8 \text{ m/s}^2$ . Its time period is:  
A. 0.5 s  
B. 5 s  
C. 4 s  
D. 3 s  
E. 1.885 s
- 21) A wave is characterized by which of the following physical concept/s?  
(I) Speed of the wave  
(II) Frequency  
(III) Wavelength  
A. I only  
B. II only  
C. III only  
D. I and III only  
E. I, II and III
- 22) The radius of 14<sup>th</sup> Newton's ring is 1 mm, when the light of wave length is  $5.89 \times 10^{-7} \text{ m}$  is used. The radius of curvature of the lower surface of lens used is:  
A. 75.7 mm  
B. 85.7mm  
C. 95.7mm  
D. 105.7mm  
E. 125.7mm
- 23) During each cycle of, a heat engine absorbs 400J of heat from its high temperature source and discards 300J of the heat into low temperature sink. What is the efficiency of engine?  
A. 1/7  
B. 1/4  
C. 3/7

- D.  $\frac{4}{7}$   
 E.  $\frac{3}{4}$
- 24) An object 8cm high is placed 20 cm from the converging lens whose focal length is 40 cm, the magnification in this case is:  
 A. 2  
 B. 3  
 C. 5  
 D. 7  
 E. 9
- 25) An electron is situated midway between two parallel plates 0.5 cm apart. One of the plates is maintained at a potential of 60 volts above the other. The force on electron is:  
 A.  $5.92 \times 10^{-15}$  N  
 B.  $4.92 \times 10^{-15}$  N  
 C.  $3.92 \times 10^{-15}$  N  
 D.  $2.92 \times 10^{-15}$  N  
 E.  $1.92 \times 10^{-15}$  N
- 26) Consider a series of circuit as shown in the figure below,  $R_1$  and  $R_2$  are 20 and 30 ohms respectively. Potential difference is 100V. What is the current through each resistor?



- A. 1A  
 B. 2A  
 C. 3A  
 D. 4A  
 E. 5A
- 27) A parallel plate capacitor with air between plates has a capacitance of  $2 \times 10^{-6}$  F. what will be the capacitance if this capacitor is fitted with a dielectric whose dielectric constant is 3?
- A.  $3 \times 10^{-6}$  F  
 B.  $6 \times 10^{-6}$  F  
 C.  $9 \times 10^{-6}$  F  
 D.  $12 \times 10^{-6}$  F  
 E.  $15 \times 10^{-6}$  F

- 28) One thousand watts of electric power are transmitted to a device by means of two wires, each of which has a resistance of 2 ohms. If the resulting potential difference across the device is 100 volts, the potential difference across the source supplying the power is:
- A. 20 V
  - B. 40 V
  - C. 100 V
  - D. 140 V
  - E. 500 V
- 29) A 3 centimeter of wire is moved at right angles across a uniform magnetic field with a speed of 2.0 miles per second. If the flux density is 5.0 teslas, what is the magnitude of the induced e.m.f.?
- A. 0.03 V
  - B. 0.3 V
  - C. 0.6 V
  - D. 10 V
  - E. 20 V
- 30) The angular arrangement of the space positions of the atoms in a crystal is called:
- A. Space lattice
  - B. Lattice array
  - C. Lattice energy
  - D. Doping
  - E. Both A and B
- 31) For call bells in house, a transformer may be used to step the voltage down from \_\_\_\_\_ volt.
- A. 440 to 220
  - B. 220 to 110
  - C. 110 to 70
  - D. 220 to 4
  - E. 440 to 110
- 32) \_\_\_\_\_ Is useful device for quick measurement of resistance? It includes a sensitive galvanometer, adjustable resistor and a torch cell connected in series between two terminals.
- A. Ohm meter
  - B. Post office box
  - C. Meter bridge
  - D. Wheat stone bridge
  - E. Ammeter
- 33) The length of measuring rod is 2 m when it is a rest. What will its length be if is moving with a velocity one third of the speed of light?
- A. 5.886 m

- B. 4.886 m  
C. 3.886 m  
D. 2.886 m  
E. 1.886 m
- 34) A material consisting of fissionable (or fissile) isotope is called as:  
A. Moderators  
B. Reactor fuel  
C. Coolant  
D. Control material  
E. Shielding
- 35) Identify the application/s of laser:  
(I) As surgical tools of welding detached retina  
(II) For telephone communication along optical fiber  
A. I only  
B. II only  
C. III only  
D. I and II only  
E. I, II and III
- 36) Gamma rays may lose only a part of its energy in an encounter with the electron of an atom, the phenomena is known as:  
A. Photoelectric effect  
B. Compton's effect  
C. Coulomb's law  
D. Ampere's law  
E. Faraday's law
- 37) The value of 24.99 represents \_\_\_\_\_ significant figure/s  
A. 1  
B. 2  
C. 3  
D. 4  
E. 5
- 38) The speed of train is reduced from 60 km/h at the same time as it travels a distance of 450 m. if the reduction is uniform, find how much further it will travel (approx) before coming to rest?  
A. 10 m  
B. 30 m  
C. 50 m  
D. 70 m  
E. 90 m
- 39) The velocity of the body moving in a straight line with a constant acceleration, is 10 m/s at certain instant 't'. after 5 s the velocity become 20 m/s the velocity 3 s before 't' was:  
A. 4 m/s  
B. 6 m/s  
C. 7 m/s  
D. 8 m/s

- E. 10 m/s
- 40) One of the two forces is double the other and their resultant is equal to the greater force. The angle between them is:
- $\text{Cos}^{-1} (1/2)$
  - $\text{Cos}^{-1} (3/2)$
  - $\text{Cos}^{-1} (1/6)$
  - $\text{Cos}^{-1} (-1/4)$
  - $\text{Cos}^{-1} (-1/7)$
- 41) Which of the following series in H atom give spectral line of 4860 Å?
- Lyman
  - Paschen
  - Balmer
  - Bracket
  - None of the above
- 42) In a compound X, all the bond angle are exactly  $109^{\circ}28'$ , X is:
- Chloroform
  - Iodoform
  - Chloromethane
  - Carbon tetrachloride
- 43) For soluble vitamins are mainly stored in :
- Liver
  - Skin
  - Stomach
  - Bones
  - Cannot be stored
- 44) The rate of diffusion of a gas having molecular weight is just double of  $\text{N}_2$  gas is  $56 \text{ mLs}^{-1}$
- <sup>1</sup>. the rate of diffusion of  $\text{N}_2$  will be
- $79.19 \text{ mLs}^{-1}$
  - $56 \text{ mLs}^{-1}$
  - $112.0 \text{ mLs}^{-1}$
  - $90.0 \text{ mLs}^{-1}$
  - $210 \text{ mLs}^{-1}$
- 45) The most reactive state  $\text{H}_2$  is:
- Atomic hydrogen
  - Molecular hydrogen
  - Adsorbed hydrogen
  - Hydrogen in compound
  - $\text{H}_2\text{O}$
- 46) Melting point of alkali metal decreases with:
- Decrease in size
  - Decrease in density



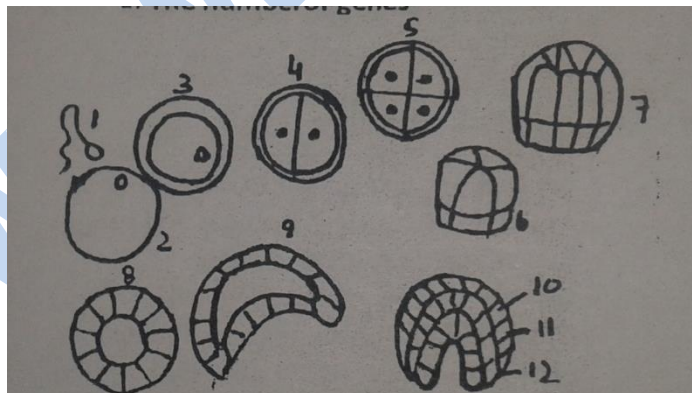
- C. Decrease in atomic mass  
 D. Increase in size  
 E. A, B and C
- 47) In which of the following reaction  $K_p$  and  $K_c$  will have same numerical value?
- A.  $2\text{SO}_2 + \text{O}_2 \rightleftharpoons 2\text{SO}_3$   
 B.  $\text{N}_2 + 3\text{H}_2 \rightleftharpoons 2\text{NH}_3$   
 C.  $\text{PCl}_5 \rightleftharpoons \text{PCl}_3 + \text{Cl}_2$   
 D.  $\text{N}_2 + \text{O}_2 \rightleftharpoons 2\text{NO}$   
 E. Both C and D
- 48) On heating gypsum gives
- A.  $\text{CaSO}_3$   
 B.  $\text{CaSO}_4$   
 C.  $\text{CaSO}_4 \cdot \frac{1}{2} \text{H}_2\text{O}$   
 D.  $\text{CaO} + \text{SO}_3$   
 E.  $\text{NaHCO}_3$
- 49)  $\text{C}_{25} \text{H}_{31} - \text{COO} - \text{C}_{16} \text{H}_{33}$  is the formula of
- A. Spermacetic  
 B. Bees wax  
 C. Glycerol  
 D. Cholic acid  
 E. Pepsinogen
- 50) Polyvinyl acetate is the polymer of :
- A. Vinyl chloride  
 B. Vinyl acetate  
 C. Formaldehyde  
 D. Methyl methacrylate
- 51) Which one of the following bond is the longest?
- A.  $\text{C} \equiv \text{C}$   
 B.  $\text{C} = \text{C}$   
 C.  $\text{C} - \text{C}$   
 D. H- bond
- 52) Consider the following system  $\text{PCl}_5 \rightleftharpoons \text{PCl}_3 + \text{Cl}_2$ . The unit of  $K_o$  for this reaction is:
- A.  $\text{Mole}^2/\text{L}^2$   
 B.  $\text{L}^2/\text{Mole}^2$   
 C. L/Mole  
 D. Mole/L  
 E.  $\text{Mole}/\text{L}^2$
- 53) IUPAC name of butyric acid is:
- A. Methanic acid  
 B. Butanoic acid  
 C. Ethanoic acid  
 D. Octadecanoic acid  
 E. Btyric acid is IUPAC name
- 54) In the reaction  $\text{H}(\text{g}) + \text{I}(\text{g}) \rightarrow 2\text{HI}(\text{g})$   $\Delta H = +12.40 \text{ J/mole}$  represents:
- A. Heat of formation

- B. Heat of neutralization
  - C. Heat of oxidation
  - D. Heat of sublimation
  - E. Heat of reduction
- 55) A reactant in a chemical reaction is non-conductor to electricity, colorless and nonresponsive towards plane – polarized light but can absorb ultraviolet rays. Then the best technique for the determination of initial rate of such a reaction is:
- A. Polarimetry
  - B. Refractometry
  - C. Spectroscopy
  - D. Colourimetry
- 56) A 5% NaCl solution by weight means:
- A. 5g of NaCl/ 95g of water
  - B. 5g of NaCl/ 95g of sodium
  - C. 5g of NaCl/ 100g of water
  - D. 5g of NaCl/ 100g of sodium
  - E. 95g of NaCl/ 100ml of water
- 57) Which of the following is required as the catalyst in decomposition of laughing gas?
- A. Traces of  $\text{Cl}_2$
  - B. 2% ethyl alcohol
  - C. Glycerin
  - D.  $\text{MnO}_2$
  - E.  $\text{H}_2\text{O}$
- 58) The addition reactions shown by alkenes are example of:
- A. Electrophilic addition reactions
  - B. Nucleophilic addition reactions
  - C. Free radical addition reactions
  - D. The formation of carbon ion as the intermediate
  - E. None of above
- 59) The basic structure of crystalline substances is called
- A. Unit cell
  - B. Molecule
  - C. Lattice
  - D. Geode
  - E. Matrix
- 60) Which of the following atom has an ionic radius that is larger than its atomic radius?
- A. Na
  - B. Al
  - C. Mg
  - D. Si
  - E. Cl
- 61) The rate law expression for the reaction  $\text{N}_2 + 3\text{H}_2 \rightarrow 2\text{NH}_3$
- A. can be represented by rate=
  - B. can be represented by rate=
  - C. can be represented by rate=

- D. can be represented by rate=  
E. cannot be determined from the information given
- 62) IUPAC name of the given compound is  
A. 6,7-dimethyl-7-n-propyl nonane  
B. 4,5-dimethyl-4-ethyl decane  
C. 3,4-dimethyl-3-n-propyl nonane  
D. 6,7-dimethyl-7-ethyl decane  
E. 6,7-dimethyl-7-ethyl octane
- 63) An inorganic compound forming an organic substance on heating is  
A. Ammonium cyanate  
B. Sodamide  
C. Sodalime  
D. Potassium cyanate  
E. Both A and D
- 64) Halogenations of benzene can be done by:  
A.  $\text{FeCl}_3$   
B.  $\text{FeBr}_3$   
C.  $\text{AlCl}_3$   
D.  $\text{AlBr}_3$   
E. All of the above
- 65) The following reaction is called:  $\text{CH}_3\text{CH}_2\text{ONa} + \text{C}_2\text{H}_5\text{Br} \rightarrow (\text{C}_2\text{H}_5)_2\text{O} + \text{NaBr}$   
A. Wurtz reaction  
B. Kolbe synthesis  
C. Williamson synthesis  
D. Hofmann reaction  
E. Castner-Kellner's reaction
- 66) The radius of second Bohr orbit is  
A.  $0.529 \text{ \AA}$   
B.  $0.529/4 \text{ \AA}$   
C.  $0.529 \times 2^2 \text{ \AA}$   
D.  $0.529 \times 2 \text{ \AA}$
- 67) For the reaction  $2\text{HCl}(\text{g}) \rightleftharpoons \text{H}_2(\text{g}) + \text{Cl}_2(\text{g})$  the  $K_c$  is  $1.0 \times 10^{-5}$ . If the equilibrium concentration of  $\text{H}_2$  and  $\text{Cl}_2$  are  $1.2 \times 10^{-3} \text{ M}$  and  $1.2 \times 10^{-4} \text{ M}$  respectively, the concentration of  $\text{HCl}$  is  
A.  $12 \times 10^{-2} \text{ M}$   
B.  $12 \times 10^{-4} \text{ M}$   
C.  $12 \times 10^{-3} \text{ M}$   
D.  $12 \times 10^{-5} \text{ M}$   
E.  $10 \times 10^{-2} \text{ M}$
- 68) The term  $-dx/dt$  the rate expression refers to the  
A. Decrease in concentration of reactant x  
B. Instantaneous rate of reaction  
C. Increase in concentration of the reactants

- D. Increase in solubility of the reactants
- 69) Which of the following statement is wrong?
- A. Endothermic reaction must absorb energy before it occurs
  - B. During exothermic reaction heat is evolved
  - C. After an endothermic reaction there is no change in the temperature of the reaction mixture
  - D. None of the above
- 70) Which of the following is false statement concerning an ionic compound
- A. Greater the lattice energy, the greater is the solubility
  - B. Higher the dielectric constant of the solvent, the greater is the solubility
  - C. Higher the dipole moment of the solvent, greater is the solubility
  - D. Increase of temperature generally increase solubility
  - E. Have greater boiling and melting point
- 71) When sensory receptor receives threshold stimulus, it will do all of the following EXCEPT:
- A. Become depolarized
  - B. Transducer the stimulus to an action potential
  - C. Inhibit the spread of the action potential to sensory neurons
  - D. Causes the sensory neurons to send action
  - E. None of the above
- 72) What role does pepsin play in digestion?
- A. It kills the bacteria of stomach
  - B. It converts soluble milk protein into insoluble proteins
  - C. It converts starch into maltose
  - D. It activates the gastric glands to produce gastric juices
  - E. It converts proteins into short chain polypeptides
- 73) Living things that convert Nitrogen containing molecules into nitrates are
- A. Decomposers (e.g. bacteria and fungi)
  - B. Primary consumers (e.g. mice)
  - C. Secondary consumers (e.g. snakes)
  - D. Tertiary consumers (e.g. hawks)
- 74) Vascular cambium produces
- A. Primary xylem
  - B. Primary phloem
  - C. Secondary xylem
  - D. Secondary phloem
  - E. Both C and D
- 75) The action of the roots of the tree in growing into a drain pipe is an example of
- A. Positive hydrotropism
  - B. Negative hydrotropism
  - C. Positive geotropism

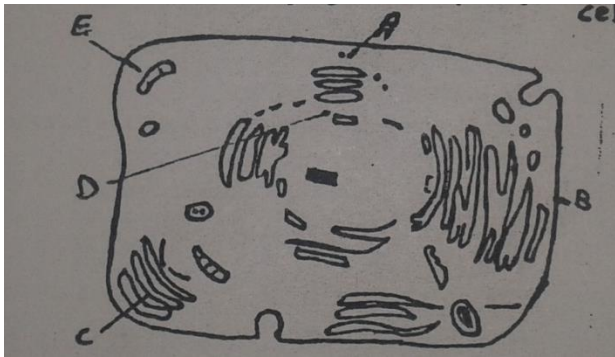
- D. Negative geotropism
  - E. Negative phototropism
- 76) The female gamete of a flower is formed in the :
- A. Pollen grain
  - B. Pollen tube
  - C. Stigma
  - D. Style
  - E. Embryo sac
- 77) If the sperm cell of the fruit fly has 4 chromosomes, then the number of chromosomes in each body cell is :
- A. 2
  - B. 4
  - C. 6
  - D. 8
  - E. 16
- 78) Organisms that are included in the protoctista are :
- A. Slime molds
  - B. Conidia
  - C. Mucor
  - D. Spongocoel
  - E. Euplectella
- 79) In the sickle cell anemia, the abnormal hemoglobin differs from the normal hemoglobin in :
- A. A single amino acid
  - B. Amount of coenzymes
  - C. The number of iron atoms
  - D. The number of magnesium atoms
  - E. The number of genes



- 80) In the above given diagram which is the first cell to undergo mitotic division
- A. 3
  - B. 4
  - C. 5

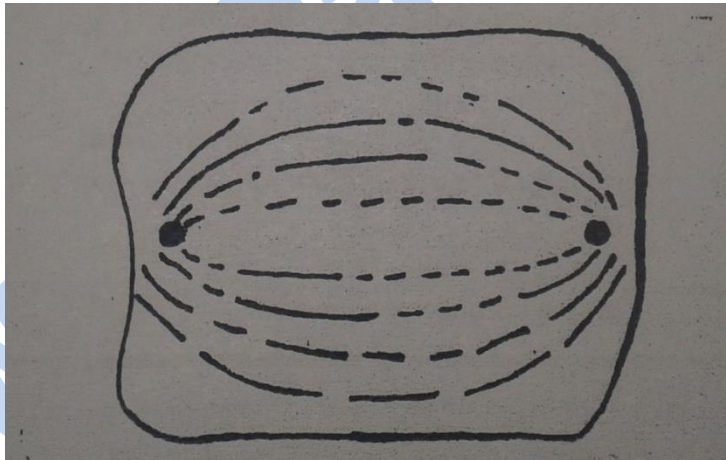
- D. 6
- E. 8

81) The diagram shows a generalized animal cell. Which structure would be involved in the final secretion of the digestive enzymes from this cell?



- A. A
- B. B
- C. C
- D. D
- E. E

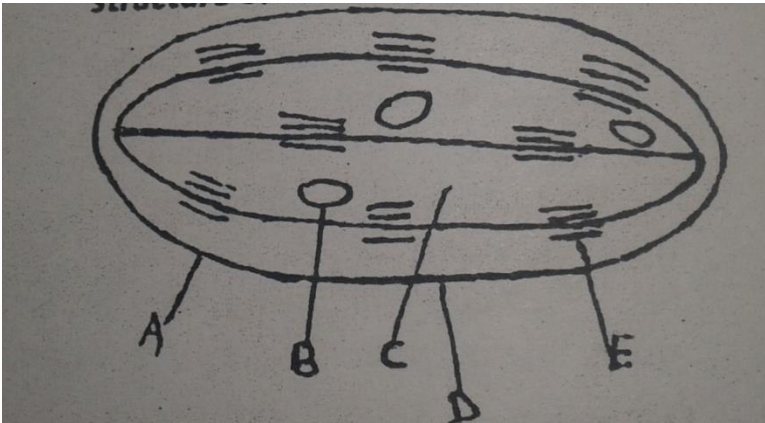
82) The diagram below is if a cell from a gametophyte undergoing division what is the type of division and the stage



- A. Meiosis; prophase I ;  $2n = 8$
- B. Meiosis; metaphase II ;  $n=8$
- C. Mitosis; prophase ;  $n=8$
- D. Mitosis; early metaphase;  $2n=8$
- E. Mitosis; early anaphase;  $2n=8$

83) Which one of the following statements correctly describes the transcription of DNA

- A. It produces amino acids
  - B. It results in an increased DNA synthesis
  - C. It produces messenger RNA
  - D. It is a semi conservative process
  - E. It occurs on the surface ribosome
- 84) A woman with normal color vision, whose father was red green color blind, married a red green color blind man. What is the probability of her first born child being red green color blind?
- A. 1.0
  - B. 0.75
  - C. 0.66
  - D. 0.50
  - E. 0.25
- 85) Which of the following ideas was not part of Charles Darwin's theory of evolution by natural selection
- A. Organisms produce more offspring than the environment can support
  - B. Variation between individuals arises by genes mutation
  - C. Only those individuals best adapted to the environment survive and reproduce
  - D. Individuals compete scarce resources
  - E. Adoptive variation is inherited
- 86) What happens during the light phase of photosynthesis?
- A. ADP is hydrolysed and NADPH oxidized
  - B. ATP is synthesized by photophosphorylation and NADP reduce
  - C. ATP is hydrolysed and NADP oxidized
  - D. ATP is hydrolysed and NADP reduced
  - E. ATP is phosphorylated and NADP oxidized
- 87) Identify the incorrectly matched pair :
- A. Cardiac output ... volume of blood pumped per minute by the left ventricle
  - B. Arterial systole ... contraction of the two atria
  - C. Heart murmur ... defect of heart valves
  - D. Diastole ... phase of contraction of cardiac muscle
  - E. Right atrium is diastolic phase ... receives deoxygenated blood from vena cava
- 88) Diptera refers to a (n) :
- A. Genus
  - B. Species
  - C. Order
  - D. Family
  - E. Class
- 89) The diagram below represents the structure of the chloroplast as seen in section :



Which label, A, B, C, D and E, indicates site of the light reaction of photosynthesis

- A. A
- B. B
- C. C
- D. D
- E. E

90) The scientific name of gum tree is *acacia nilotica* and that of katha plant is *acacia catechu*. This indicates that both gumtree and katha plants are member of the

- A. Same species but different genera
- B. Same genus but different classes
- C. Same species but different classes
- D. Same genus but different species
- E. Same class but different genera

91) Which level of protein structure maintain the helix shape of enzymes

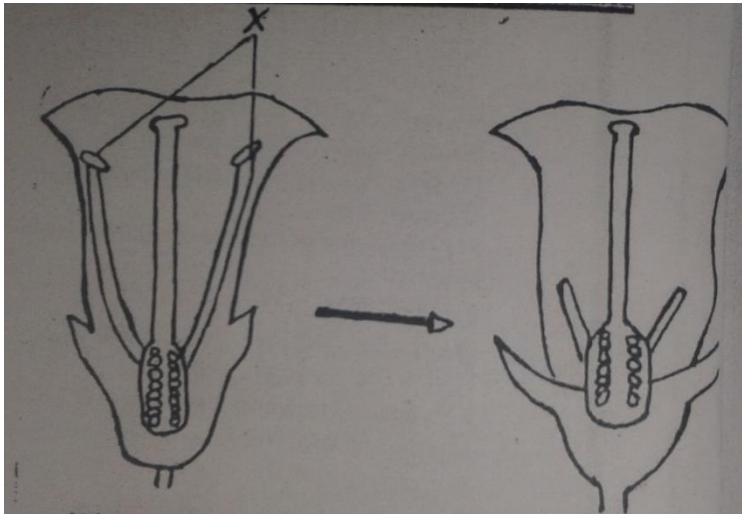
- A. Primary
- B. Secondary
- C. Tertiary
- D. Quartenary
- E. Both A and B

92) Why do some root cells have root hairs?

- A. For the maintenance of the temperature of cell sap
- B. To increase the surface area of the cells
- C. To provide a lace for cell nuclei
- D. To allow movement of soil particles
- E. To increase the volume of cell sap



- 93) The diagram shows a flower in longitudinal section. Before they had developed fully, a plant breeder remove the structures labeled X, as shown,



What is the effect of removing these structures?

- A. It prevents asexual reproduction
  - B. It prevents the flower from being pollinated
  - C. It prevents the flower from producing seeds
  - D. It prevents the development of fruits from ovary
  - E. It prevents the flower from pollinating itself.
- 94) Which of the following is/are adaptation (s) for parasitic mood of life platy helminthes
- A. Thick body covers
  - B. High fertility rates
  - C. Adhesive organs like suckers
  - D. Simplified digestive system
  - E. All of the above
- 95) Which of the following deserts is an example of cold desert
- A. Sahara desert
  - B. Thur dessert
  - C. Cholistan desert
  - D. Gobi desert
  - E. Thul desert
- 96) Chemosynthesis is a kind of nutrition requiring
- A. Inorganic compounds
  - B. Organic compounds
  - C. Any kind of compounds

- D. Light  
E. None of the above
- 97) Which of the following is not involved in cell mediated immunity
- A. Helper T cells
  - B. Cyto toxic T cells
  - C. Suppressor T cells
  - D. Memory T cells
  - E. None of the above
- 98) Blood pressure is the glomerulus \_\_\_\_\_ because the diameter of the efferent arteriole is \_\_\_\_\_ that of afferent arteriole.
- A. Low ... much less than
  - B. High ... much less than
  - C. Low ... much greater than
  - D. High ... much greater than
  - E. Normal ... is equal to
- 99) Destruction of all beta cells in the pancreas would cause
- A. Glycogen secretion to stop and decrease in blood glucose
  - B. Glycogen secretion to stop and increase in blood glucose
  - C. Insulin secretion to stop and increase in blood glucose
  - D. Insulin secretion to stop and decrease in blood glucose
  - E. Insulin secretion to increase and decrease in blood glucose
- 100) During the action potential
- A. The polarity of neurolemma first changes to -65 mv and then restores to + 40 mv again.
  - B. Then polarity of neurolemma first changes to + 40 mv and then restores to -65mv again.
  - C. The polarity of neurolemma first changes to -85mv and then restores to + 30 mv again
  - D. The polarity of neurolemma first changes to + 30mv and then re stores to -85mv again.
  - E. The polarity of neurolemma first changes to 0mv and then restores to +40 mv again.