QuestionBank
24Jan-9th Standard English Final

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1.

Select true statements about atmospheric preasure from the following.

1) The atmospheric preasure at normal condition at sea level is 101400 N/m^2.

2) The atmospheric pressure at a place is same from all directions.

3) The air preassure increase with its velocity .

4) The air pressure remains constant at any where.

(A) 1,3

✓(B) 1,2

(C) 1,2,3,

(D) 1,2,3,4

2.

Identify an incorrect pair of physical quantity and its unit given in following columns X and Y recpectively.

✓(A) X= Weight, Y= Kilogram(Kg)

(B) X= Density, Y= Kg/m^3

(C) X= Acceleration,Y= m/S^2

(D) X= Momentum,Y= Kg.m./s

3.

Q 3 As soon as you bring the charged comb near the water trickle it attracts towards the comb. Select the proper reason of this from the following.

(A) Negative charge develops in water near the charged comb.

✓(B) Negative particles repel and positive charged particles attract towards the charged comb.

(C) Water near the charged comb becomes negatively charge due to repulsion of positive charges.

(D) All above statements,

4.

Find the heat required to increase the temperature by 10°C of iron bob of mass 10gm ?

(Specific heat of iron is 0.11 cal/gm°C)

(A) 0.11 cal

(B) 1.10 cal

✓(C) 11 cal

(D) 110 cal

5.

Select true statement/statements from the following about irregular (diffused) reflection.

1) Rules of reflection are obey in irregular reflection.

2) Incident rays are parallel to each other in irregular reflection.

3) In irregular reflection the angle of incidence is of different measure at every point of incidence.

4) In irregular reflection,the angle of incidence and angle of reflection are different at the same point of incidence.

✓(A) 1,2,3,

(B) 4

(C) 1,2

(D) 2,3,4

6.

Determine the correct conversion of -40°F to Kelvin (°K) from the following.

(A) -40°K

(B) 313 °K

✓(C) 233 °K

(D) 203 °K

7.

Select the correct sequence of ascending order of densities of

White dwarf,Sun,Neutron star and Red Giant star from the following.

(A) Sun, Neutron star, white dwarf, Red giant star

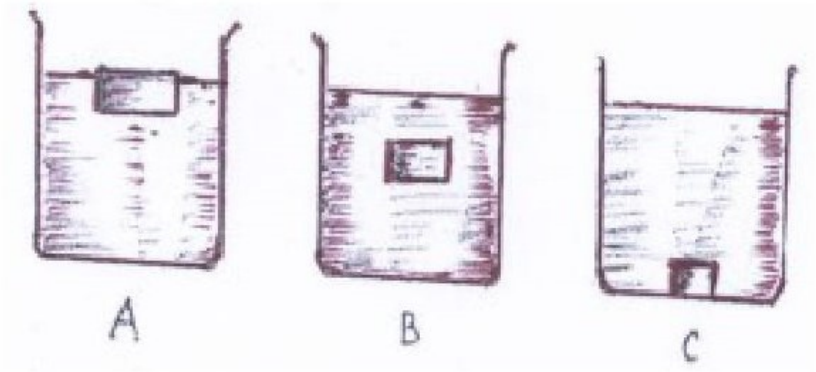
(B) Neutron star, White Dwarf, Red gaint star, Sun

(C) Nutron star, White dwarf, Sun, Red giant star

✓(D) Red giant star, Sun, white Dwarf, Neutron star

8.

Q.8 . Three identical vessels A , B and C contain same quantity of water. In each different densities but same masses are placed as shown in figure. If F_A, F_B and F_C acting on the base of the vessel A,B and C respectively. Then which of the followi correct.



✓(A) $F_A=F_B=F_C$

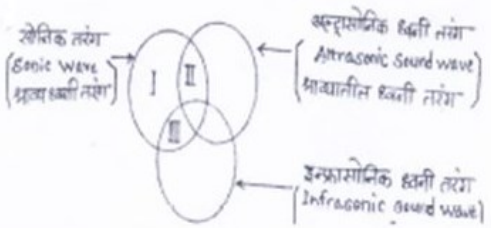
(B) $F_A<F_B<F_C$

(C) $F_A=F_B<F_C$

(D) $F_A>F_B>F_C$

9.

Q9) Observe the given venn diagram and select the correct option.



✓(A) I- Human, II- Bat, III- Rhinoceros

(B) I-Rhinoceros, II-Human, III-Bat

(C) I-Bat, II-Rhinoceros, III-Human

(D) I-Elephant, II-Bat, III-Human

10.

A coconut fell down from coconut tree in 1 second due to the wind.

Then what will be the height of coconut tree ?

(A) 9.8m

(B) 18m

(C) 49m

✓(D) 4.9m

11.

Select from the following the correct variation between the velocity of sound (v) and the density (ρ) of the medium ?

✓(A) $V \propto 1 / \sqrt{\rho}$

(B) $V \propto \sqrt{\rho}$

(C) $V \propto 1 / \rho$

(D) $V^2 \propto 1 / \sqrt{\rho}$

12.

10 unit electricity = _____ Joules

✓(A) 3.6×10^7

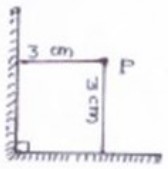
(B) 3.6×10^6

(C) 36×10^7

(D) 36×10^5

13.

Q13) M_1 and M_2 are two plane mirrors fixed in right angle as shown in diagram. A point object P is 3 cm. away from both mirrors. What will be area of triangle formed by a point object P and its images in both mirrors?



(A) 72 cm^2

(B) 27 cm^2

(C) 36 cm^2

✓(D) 18 cm^2

14.

Select the correct group of non magnetic substances from the following .

1- Magnesium , 2- Nickel , 3- Titanium , 4- Cobalt.

(A) 1,2,3

✓(B) 1,3

(C) 2,3,4,

(D) 2,4

15.

An object of mass 60 kg is kept at the center of earth.

What will be the weight of an object at that place ?

(A) 60N

✓(B) 0N

(C) 36N

(D) 12N

16.

Which of the following forces help horse to pull horsecart ?

P- The force applied by cart on horse . **Q- The force applied by land on horse.**

R- The force applied by land on cart. **S - The force applied by horse on land.**

(A) P, Q, R

(B) P, R, S

(C) P, Q, S

✓(D) Q, R, S

17.

Read the following statements carefully and determine whether these statements are true or false.Select the correct alternatives fro

1) In any kind of motion the speed of an object is the magnitude of its displacement.

2) The average speed of an object in uniform motion is equal to its instantaneous speed.

3) The average speed of an object in linear motion is equal to its average velocity.

4) The average velocity of an object in motion with uniform velocity is zero.

(A) 1-T, 2-F, 3-T, 4-F

(B) 1-F, 2-T, 3-F, 4-T

(C) 1-F, 2-F, 3-F, 4-F

✓(D) 1-F, 2-T, 3-F ,4-F

18.

Read the given statements and select the correct options .

Statement 1 : An object is thrown vertically up with velocity 'u' reaches the maximum height 'h' after 'T' seconds. At a time '2T' seco

Statements 2: An object is thrown vertically up with a velocity, it comes back to its initial position with same magnititude of velocit

(A) Both statement 1 and 2 are true and statement 2 is the correct explanation of statement 1.

(B) Both statement 1 and 2 are true but statement 2 is not the correct explanation of the statement 1.

(C) Statement 1 is true but statement 2 is false.

✓(D) Statement 1 is false but statement 2 is true.

19.

Read the following passage and select the correct alternative.

An object of mass 2.5Kg and velocity 5 m/s colloids on wooden block of mass 7.5 Kg in stionary state and both stick each other. Then motion. Determine the total momentum of both objects after collision ?

(A) 1.25 Kg m/s

(B) 125 Kg m/s

✓(C) 12.5 Kg m/s

(D) 0.125 Kg m/s

20.

Read the following passage and select the correct alternative.

An object of mass 2.5Kg and velocity 5 m/s colloids on wooden block of mass 7.5 Kg in stionary state and both stick each other. Then

What is the velocity of combination of both objects after collision ?

(A) 8.5 m/s

(B) 9.5 m/s

✓(C) 1.25 m/s

(D) 12.5 m/s

21.

Select suitable alternative of correct pair from column I and column II ?

Column- I	Column- II
a) 'g' at height 'h'	1) g (1-2h/R)
b) g at depth 'h'	2) Maximum
c) 'g' on pole	3) g(1-h/R)

(A) a= I, b=II, c=III

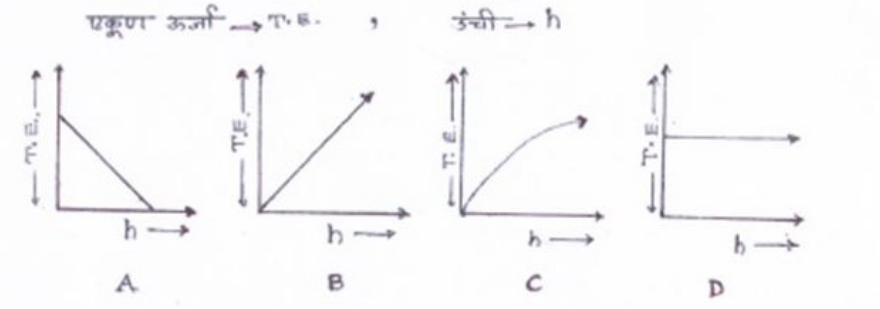
(B) a=II ,b=III, c=I

✓(C) a=I, b=III, c=II

(D) a=III, b=II, c=I

22.

Q22) Determine the correct graph about the total energy of an object falling freely from up .



(A) A

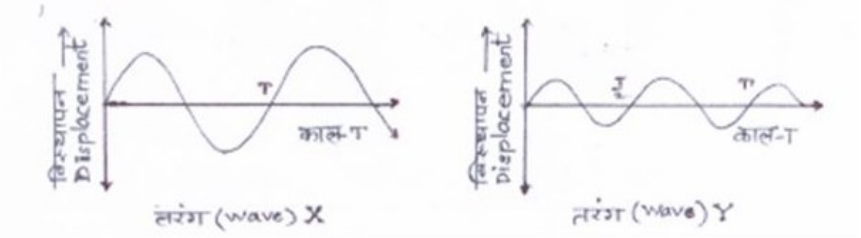
(B) B

(C) C

✓(D) D

23.

Q23) In the following diagrams two distinct sound waves 'X' and 'Y' are given. Select the correct option about their pitch and frequency (F)



✓(A) {Less} - F- X, Pitch- X) , {More} - F-Y, Pitch-Y

(B) {Less} - F- Y, Pitch- X), {More }- F-X,Pitch-Y

(C) {Less }- F- Y, Pitch- Y), {More} - F-X,Pitch-X

(D) {Less} - F- X,Pitch- Y), {More} - F-Y,Pitch-X

24.

A boy of mass 50 kg runs 30 steps up in 1 minute .Height of each step is 20 cm .

Then select the power of the boy from following. ($g=10m/s^2$)

(A) 5W

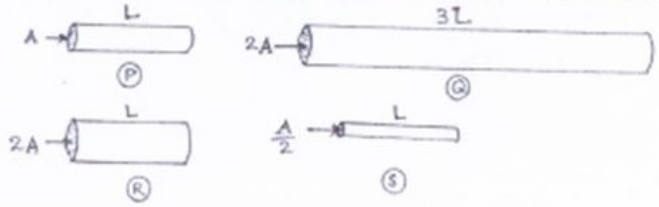
(B) 300W

✓(C) 50W

(D) 25W

25.

Q25) Four distinct pieces of different dimensions are made from same metal as shown in figure. Choose properly the option of ascending order of their resistances.



✓(A) R,P,Q,S

(B) S,Q,P,R

(C) P,Q,R,S

(D) S,R,Q,P

26.

Select the correct option of ascending order of velocity of sound of the following substances at 25°C.

P= Glass Q= Sulphurdioxide R= Pure water S= Nickel

(A) R, P ,Q ,S

(B) S, P ,R, Q

(C) P, Q, S, R

✓(D) Q, R, P,S

27.

An object is kept at the center of curveture of a spherical mirror.

Then choose the correct option from the following.

(-) sign shows sign convensions

(A) For Convex mirror : h1=h2 , u=v

(B) For Concave mirror: -h1=h2 , u=v

(C) For Convex mirror: h1=-h2 , -u = -v

✓(D) For Concave mirror : h1= -h2 , -u= -v

28.

Complete the following analogs :- Preassure : kg/ms^2 : : Power : _____

(A) kg / m^2 s^3

(B) Nm^2

✓(C) kg m^2/ s^3

(D) N/m^2

29.

Select the correct statement related to the resistors connected in parallel .

1) The circuit is use to reduce the resistance.

2) The effective resistance is equal to the sum of the inverses of individual resistances.

3) The potential difference across the end of all resistors is the same.

4) The current flowing through an individual resistors is the same.

(A) 1,3,4,

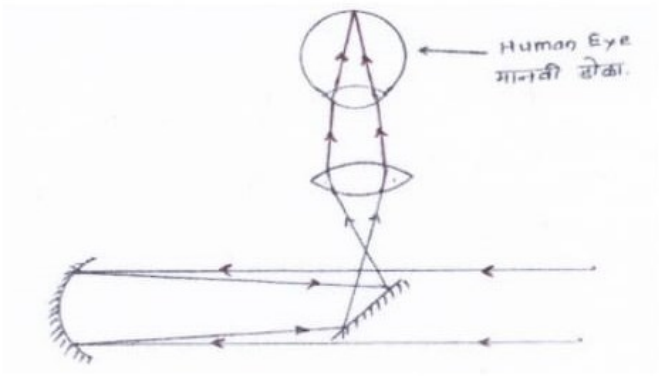
(B) 1,2,3

✓(C) 1,3

(D) 1,2,4

30.

Q. 30 . In the given diagram state how many times incident ray changes its pat forms on the retina?



✓(A) 6

(B) 4

(C) 2

(D) 8

31.

Magnesium fluoride present in toothpaste is used to ---

1) Remove the dirt particles on teeth.

2) Resist decay of teeth.

3) Polish the teeth.

4) Strengthen bones and enamels.

(A) 1,2

(B) 1,2,4

(C) 2,3,4

✓(D) 2,4

32.

What is the basicity of H_3PO_3 ?

(A) 1

✓(B) 2

(C) 3

(D) None of these

33.

Which of the following statements are applicable for diamond ?

1) It has covalent bond. **2) It has hexagonal structure.**

3) It has tetragonal structure. **4) It has three dimentional structure.**

(A) 1,2,3

(B) 2,3,4,

✓(C) 1,3,4,

(D) 1,2,4

34.

Which of the following isotope is used in treatment of polycythemia ?

✓(A) P-32

(B) Co-60

(C) Sr-90

(D) I-123

35.

what is the ratio of number of carbon atoms to the number of hydrogen atoms in molecule of glucose ?

✓(A) 1:2

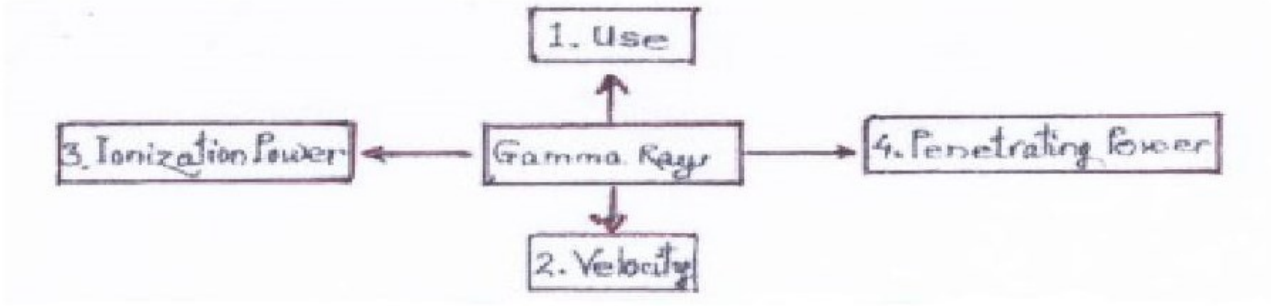
(B) 1:3

(C) 3:1

(D) 2:3

36.

Q.36 Choose correct option related to gamma rays with respect to alpha and bet activities . P) Very Q) Low R) Very Low S) Radio therapy T) Same as light U) 1/5 tc of light V) Smoke detector



(A) 1- V, 2- T, 3-R, 4-P

(B) 1-V, 2-U, 3-Q, 4-R

✓(C) 1-S, 2-T, 3-R, 4-P

(D) 1-S, 2-U,3-Q, 4-R

37.

Which is the wrong option regarding the following chemical equation .

$FeSO_4.7H_2O \xrightarrow{\text{Heat}} FeSO_4 + 7H_2O$

(blue) **(colourless)**

(A) Molecular formula of reactant

✓(B) Colour of reactant

(C) Number of water molecules

(D) None of these

38.

Which of the following statements are false ?

1) Clinical deo clogs the sweat pores on the skin.

2) Bonechina is harder than porcelin.

3) Ceremic is brittle and water resistant.

4) The use of henna leaves to colour hair is dangeous to health.

(A) 1,2

✓(B) 1,4

(C) 2,3

(D) 1,2,4

39.

Identify P,Q,R in the following balanced chemical Equations ?

1. $Ca(OH)_2 + Cl_2 \rightarrow [P] + H_2O$

2. $[Q] + H_2SO_4 \rightarrow Na_2SO_4 + H_2CO_3$

3. $CaOCl_2 + [R] \rightarrow CaSO_4 + H_2O + Cl_2$

(A) P-CaOCl Q-NaOH R-HCl

✓ (B) P-$CaOCl_2$ Q-Na_2CO_3 R-H_2SO_4

(C) P-$CaOCl_2$ Q-Na_2CO_3, R-Na_2SO_4

(D) P-$CaCl_2$, Q-$NaHCO_3$, R-H_2SO_4

40.

If pH of solution of NaOH is 10,Then what is the molarity of solution ?

(A) 10M

(B) 0.1M

(C) 0.001M

✓ (D) 0.0001M

41.

Which of the following acids form an acidic salts ?

1) Phosphoric acid **2) Carbonic acid**

3) Hydrochloric acid **4) Sulphuric acid**

✓ (A) 1,3,4

(B) 1,2,4

(C) 2,3,4

(D) 1,2,3,

42.

Which of the following statement is most suitable for 'graphite' which is used to make lubricant ?

✓ (A) It has high melting point and slippery layer.

(B) Graphite doesn't dissolve in most of the solvents.

(C) It is good conductor of electricity.

(D) The density of graphite is 1.9 to 2.3 g/cm^3

43.

Which of the following phenomenons are occur, when small amount of acid is added to water ?

1- ionisation 2- salt formation 3- dilution 4- neutralization

(A) 1,2

(B) 2,3

(C) 1,3

(D) 2,4

44.

Zinc granules on treating with dilute sulphuric acid form 'P' along with evolution of gas 'Q' ,

Identify 'P' and 'Q'

(A) P- Zinc Sulphate Q- Oxygen

(B) P- Zinc Sulphide Q- Hydrogen

(C) P- Zinc Sulphide Q- Sulpherdioxide

(D) P- Zinc Sulphate Q- Hydrogen

45.

If atomic numbers of A,B and C elements are Z+4, Z, Z-8 respectively.

If Z= 12 then what is the number of valence electrons in the atom of elements A,B and C respectively ?

(A) 2, 6, 2

(B) 2, 6, 4

(C) 2 ,2, 2,

(D) 6, 2 ,2

46.

Which of the following indicators turns red in an acidic solution ?

1- Phenolphthalein ,2- Turmeric ,3-Methyl Red ,4- Blue litmus

(A) 2,4

(B) 1,2,3,

(C) 3,4,

(D) 2,3,4,

47.

Which of the following compound has molecular mass 138 ?

(Na-23,S- 32,K-39,C-12,Mg - 24)

(A) Na_2SO_4

(B) K_2CO_3

(C) CO_2

(D) $MgCl_2$

48.

The molecular formula of chloride of element Y is YCl_3 .

Then what will be the molecular formula of its oxide ?

(A) YO_2

(B) YO_3

✓(C) Y_2O_3

(D) Y_3O_2

49.

Identify the correct statements regarding to following chemical reation.

$CuO + H_2 \rightarrow Cu + H_2O$

1) Hydrogen is oxidising agent. 2) Hydrogen is reducing agent.

3) Cupric oxide is oxidising agent. 4) Cupric oxide is reducing agent.

(A) 1,4

(B) 2,4

✓(C) 2,3

(D) 1,3

50.

What is the mass of 6.022×10^{25} molecules of water ?

(A) 18gm

(B) 180gm

✓(C) 1800gm

(D) 900gm

51.

Identify the balanced chemical equation from the following.

✓(A) $Na_2O(s) + H_2O \longrightarrow 2Na^+_{(aq)} + 2OH^-$

(B) $Na_2O(s) + 2H_2O \longrightarrow 2Na^+_{(aq)} + 4OH^-$

(C) $Na_2O(s) + H_2O \longrightarrow 2Na^+_{(aq)} + OH_2^-$

(D) $Na_2O(s) + H_2O \longrightarrow Na^+_{2\,(aq)} + 2OH^-$

52.

Choose the correct group of compounds having triple covalent bond in carbon atoms ?

X-Propane Y-Ethyne Z- Propyne W- Ethene

(A) Y, Z, W

(B) X, Z, W

✓(C) Y, Z

(D) All of these

53.

Complete the following analogy :

Sodium bicarbonate : $NaHCO_3$: : Sodium zincate : _____

(A) $NaZnO_2$

(B) $NaZn_2O_2$

✓(C) Na_2ZnO_2

(D) Na_2ZnO_3

54.

Read the following statements carefully and choose the correct alternatives .

Statement 1 - Iron reacts with oxygen to form reddish coloured iron oxide.

Statement 2 - Iron is protected from air when coated with zinc .

(A) Statement 1 is true and statement 2 is false.

(B) Statement 2 is true and statement 1 is false.

✓(C) Both the statement are true.

(D) Both the statements are false.

55.

Which of the following metals liberate hydrogen gas when reacts

with dilute hydrochloric acid as well as with costic soda solution ?

(A) Na and K

✓(B) Zn and Al

(C) Fe and Mn

(D) Cu and Ag

56.

Choose the correct pairs from the following .

sr.no	A	sr.no	B
1	$CO_2 + H_2$	a	water gas
2	$CO+ H_2+ CO_2 + N_2$	b	Producer gas
3	CH_3-CH_2-CH_3	c	Propane
4	CH_3-CH=CH_2	d	Propene

✓(A) 1-a, 2-b, 3-c, 4-d

(B) 1-d, 2-a, 3-b, 4-c

(C) 1-a, 2-c, 3-b, 4-d

(D) 1-b, 2-a 3-d, 4-c

57.

Select the correct sequence of colours in accordance with ascending order of pH, when we add universal indicator in different solutions ?

✓(A) Dark red —>Orange red—>Green—>Greenish blue —>Dark purple

(B) Greenish blue—> Dark purple —> Green —> Orange red —> Dark red

(C) Dark red —> Orange red—> Dark purple —> Green —> Greenish blue

(D) Dark purple —> Greenish blue —> Orange red —> Green —> Dark red

58.

Match the correct pairs from the following .

sr.no	A	B(types of colloids)
1	Smoke	a) Sol
2	Gelatin	b) Aerosol
3	Soap paper	c) Emulsion
4	Milk	d) Foam

(A) 1-a, 2-b, 3-c, 4-d

(B) 1-a ,2-c, 3-b, 4-d

✓(C) 1-b, 2-a, 3-d, 4-c

(D) 1-b, 2-a, 3-c, 4-d

59.

Find odd one out according to reactivity of the metal.

(A) Platinum

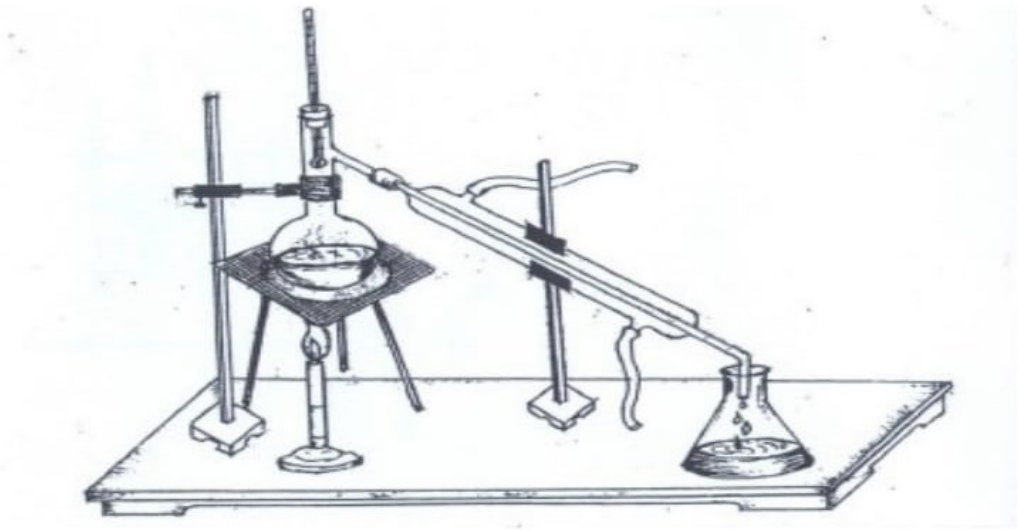
(B) Palladium

✓(C) Calcium

(D) Rhodium

60.

Q.60. Which processes do you observe in the following diagram of an experime



(A) Sublimation, Boiling

(B) Sedementation, Condensation

(C) Sublimation, Condensation

✓(D) Boiling, Condensation

61.

In which of the following methods of food protection Alluminium phosphide is used ?

(A) Pasteurisation

(B) Freezing

(C) Irradiation

✓(D) Smoking

62.

Identify the co-relation .

Energy flow in ecosystem : one way : : Flow of nutrients:_____

(A) One way

(B) Dual way

✓(C) cyclic

(D) Three way

63.

By which process from the following plant's roots absorbs water from the soil ?

✓(A) Endosmosis

(B) Exosmosis

(C) Diffusion

(D) None of the above

64.

Identify the odd one out in context to structure of Heart ?

(A) Common wall lizard

(B) Viper snake

✓(C) crocodiles

(D) Lizard

65.

Which of the following effect /effects is / are seen in the plants due to dificiency of phosphorus ?

P- Early leaf fall Q- Yellowing of leaves

R- Late flowering S- Weak stem.

(A) Q and S

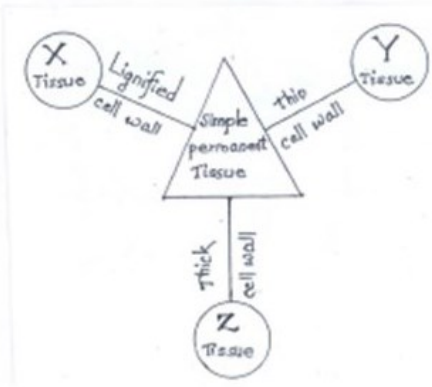
✓(B) P and R

(C) P,Q,R,S

(D) Only Q

66.

Q66) Observe the given diagram and identify the correct sequence of X,Y and Z



(A) X- Parenchyma, Y-Selerenchyma, Z-Collonchyma

(B) X-Collenchyma, Y-Parenchyma, Z-Selerenchyma

(C) X - Parenchyma , Y-Collenchyma , Z-Selerenchyma

✓(D) X - Selerenchyma, Y-Parenchyma, Z-Collenchyma

67.

In which proportion the mixture of soil and water is taken to determine the pH of soil ?

(A) 1:2

(B) 2:3

✓(C) 2:1

(D) 1:3

68.

Which type of reproduction is seen in the 'Adiantum'?

(A) Budding

(B) Fragmentatiom

✓(C) Spore formation

(D) Regeneration

69.

Choose the correct pair related to Excretory system.

(A) Nephron & Uterus

(B) Fallopian tube & Urogenital duct

(C) Ureter & fallopian tube

✓(D) Ureter & nephron

70.

Where the Alpha - cells, Beta - cells, Delta - cells and P cells are located in human body ?

✓(A) Behind the stomach

(B) Near the heart

(C) At the base of brain

(D) Anterior end of each kidney

71.

In which of the following part of plant, the waste material is stored in the form of resin & gum ?

(A) Old and warm Sclerenchyma tissue

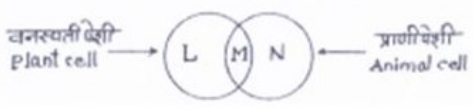
✓(B) Old and warm Xylem

(C) Old and warm Phloem

(D) Collenchyma tissue

72.

Q72) Observe the venn diagram and select the correct sequence of L,M and N.



(A) L-vacuole, M-Lysosome, N-Chloroplast

(B) L-Golgi complex, M-Cell wall, N- Mitochondria

✓(C) L-Chloroplast ,M-Vacuole, N-Lysosome

(D) L-Lysosome, M-Chloroplast, N-Vacuole

73.

Which of the following factor is responsible for the clotting of blood ?

(A) Leucocytes

(B) Osteocytes

✓(C) Thrombocytes

(D) Erythrocytes

74.

Which of the following is not a species of Clostridium?

(A) Difficile

(B) Perfringens

(C) Botulinum

✓(D) Cerevisiae

75.

In which type of following waste matreial Arsenic inculds?

(A) Electronic waste

(B) Radioactive waste

✓(C) Mining waste

(D) Biomedical waste

76.

Considering the leaves of green plants as a factory , identify the correct sequence of P,Q,R,S.

1) Oxygen and water---Q 2) Sunight ----P

3) Carbon dioxide and water ---S 4) Glucose (sugar)---R..

(A) P- End product, Q-Raw material, R-Power, S-By product

(B) P- By product, Q- Power, R- Raw material, S- End product

(C) P- Raw material, Q-End product, R-By product, S-Power

✓(D) P- Power, Q-By product, R-End product, S- Raw material

77.

Which of the following is an important neurotransmitter produced at the tip of nerve fiber ?

(A) Acetic acid

(B) Acetylcholine

(C) Sodium acetate

(D) Lactic acid

78.

Which of the following chromosomal condition is seen in person suffering from turner syndrome disrorder ?

(A) 44+Y

(B) 44+X

(C) 44+XX

(D) 44+XXY

79.

Which of the following division equisetum belongs to ?

(A) Bryophyta

(B) Pteriodophyta

(C) Thallophyta

(D) Gymnosperm

80.

Which of the following pair of disease is caused by contaminated water and food ?

(A) Hepatitis and leprosy

(B) Pneumonia and Influenza

(C) Measles and Cholera

(D) Hepatitis and Cholera

81.

Identify correct pair/pairs from the following .

I- Chlamydomonas---Algae

II- Aspergillus --- Fungi

III- Volvex---- Protista

IV - Bacteriophage---Virus.

(A) 1, 2, 3

(B) 2 and 3

(C) only 4

(D) all above

82. Give full credit

Complete the analogy .

Bird flue: H_1N_1: : swine flue :_____

(A) H_7N_9

(B) H_3N_3

(C) H_3N_5

(D) H_2N_1

83.

On the basis of "pyramid of energy", who transfers least energy to next level ?

✓(A) Bear

(B) Phytoplankton

(C) zooplankton

(D) pomfret fish

84.

In sickel cell anaemia, if father is carrier and mother is normal

then select the correct alternative about their progenies.

✓(A) 50% carrier and 50 % normal

(B) 100% carrier or all carrier

(C) 100% sufferer or all sufferer

(D) 25% normal, 25% sufferer and 50% carrier.

85.

Which of the following reactions take place in the mitochondria ?

P- Glycolysis reaction, Q - Kreb's cycle reaction, R - ETC Reaction.

(A) P, Q, R

(B) only R

✓(C) Q and R

(D) P and R

86.

Which of the following movements in response to an external

stimules is not seen in the roots of plants ?

(A) Tropic movement

✓(B) Phototropic movement

(C) Gravitropic movement

(D) Hydrotropic movement

87.

By which of the following process substance either synthesised or absorbed in one part of body reaches to another part ?

(A) Transportation

(B) Root pressure

(C) Respiration

(D) Excretion

88.

Identify the false statement regarding DNA ?

(A) The structure of the DNA molecule is the same in all organisms.

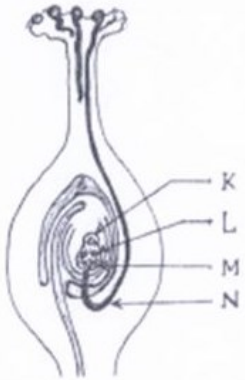
(B) DNA moleccule contains Uracil as a nitrogenous base.

(C) Structure of DNA molecule is produced by Watson and Crick.

(D) Each chromosome is made up of a single DNA molecule.

89.

Q89) Observe the given diagram and choose correct alternative related to K,L,M and N.



(A) K - Polar Nuclei, L- Egg cell, M- Pollen tube, N- Ovule

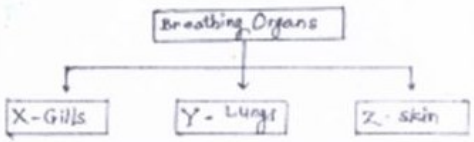
(B) K- Pollen tube, L-Ovule, M- Polar nuclei, N- Egg cell

(C) K- Ovule, L-Polar nuclei, M-Egg cell, N- Pollen tube

(D) K- Egg cell, L-Pollen tube, M- Ovule, N- Polar nuclei

90.

Q90) Different breathing organs are given below. Which of the organisms from the following are ccorrectly represented by X, Y and Z.



(A) X- Fish, Y- Crocodile, Z- Cockroach

✓(B) X-Tadpole, Y-Whale, Z-Earthworm

(C) X- Frog, Y-Shark, Z-Toad

(D) X- Prawn, Y-Grasshopper, Z-cockroach

91.

Select the proper pair of substance used in sunscream lotion which proctect skin from toxic rays in sunlight ?

(A) Magnesium oxide and zinc oxide

(B) Zinc oxide and oil

✓(C) Zinc oxide and Titanium oxide

(D) Magenecium oxide and oil

92.

Which of the following sanctuary is known as 'Bharatpur of Maharastra' ?

(A) Karnala

(B) Nannaj

(C) Navegaon bandh

✓(D) Nandur Madhyameshwar

93.

Which of the following company prepared vaccine named 'Covaccine' on Covid- 19 ?

✓(A) Bharat Biotech

(B) Serum Institute

(C) Zydus Cadila

(D) Indian Immunologicals

94.

Which is the leading country in generation of electricity from solid waste ?

(A) India

(B) America

(C) Japan

(D) Russia

95.

In which of the following fields C-DAC institute does research work ?

(A) Weather

(B) Navigation

(C) Communication

(D) Computer

96.

what is mean by dialysis process ?

(A) To change blood in human body

(B) To remove blood out of the human body

(C) To perform artificially the function of kidney

(D) Kidney Transplant

97.

Who is the father of 'Genetic Engineering ?

(A) Cohen and boyer

(B) Hunt and Davids

(C) Sinclair and Roberts

(D) Jaysson and Simons

98.

Select from the following the correct group of viral diseases ?

1- Ebola 2- Anthrax 3- Cholera

4- Influeza 5- AIDS 6-SARS

(A) 1,2,4,5

(B) 1,4,5,6

(C) 2,3,4

(D) 2,3

99.

What is the potential difference between

live and neutral wires in domestic electricity in India ?

(A) 210V

(B) 420V

(C) 220V

(D) 110V

100.

Select from the following the correct alternative matching column I and II .

Column I	Column II
P- Liquid	1- Highly compresible
Q- Gas	2- Definite volume
R- Plasma	3- super low density
S- Bose Einstein condensate	4- super energetic

(A) P-1,Q-2,R-3,S-4

(B) P-2, Q-1, R-3, S-4

(C) P-2, Q-1, R-4, S-3

(D) P-3, Q-1, R-2, S-4