Nightingle Nursing Class - All Subjects

Total No. of Questions: 200 **Total Marks: 200**

SECTION 1: MCQ

Q1 (1 Marks)

F1 and f2 are focal lengths of objective and eyepiece respectively of the telescope the angular magnification of the given telescope is equal to

A. F1/F2

B. F2/F1

C. F1F2/F1+F2

D. F1+F2/F1F2

Q2 (1 Marks)

An astronomical telescope has an angular magnification of magnitude 5 for distant objects the separation between the object and the year is 36 cm and the final images formed that infinity the focal length fo of the objective and the focal length fe of the eyepiece are

A. fo = 45 cm and fe = -9 cm

B. fo = 7.2 cm and fe = 5 cm

C. fo = 50 cm and fe = 10 cm

D. fo = 30 cm and fe = 6 cm

Q3 (1 Marks)

Limitation of reflecting telescope is ?

A. objective mirror focusses light inside the telescope tube

B. objective mirror focusses light outside the telescope tube

C. objective mirror has large focal length

D. Tube length is large

Q4 (1 Marks)

Light from a point source in air falls on a spherical glass surface (n = 1.5 and radius of curvature = 20 cm). The distance of the light source from the glass surface is 100 cm. Image distance from the glass surface is

A. 20

B. 50

C. 100

D. 75

Q5 (1 Marks)

First and second focal lengths of spherical surface of n refractive index are f_1 and f_2 respectively. The relation between them, is

A. f2=f1

B. f2=-f1

C. f2=nf1

D. f2=-nf1

Q6 (1 Marks)

A magician during a show makes a glass lens with n = 1.47 disappear in a trough of liquid. Refractive index of the liquid is

A. 1.47

B. 1.33

C. 4/3

D. 12/5

Q7 (1 Marks)

Which of the following is true for rays coming from infinity?

A. Two images are formed

B. Continuous image is formed between focal points of upper and lower lens

C. One image is formed

D. None of the above

Q8 (1 Marks)

Two thin lenses are in contact and that combination has 15 cm focal length. If one lens has focal length 30 cm, then what is the second lens focal length?

A. 15

B. 25

C. 20

D. 30

Q9 (1 Marks)

A system of particles is called a rigid body when

A. any two of particles of system may have displacements in opposite directions under action of a force.

B. Any two of particles of system may have velocities in opposite directions under action of a force.

C. Any two particles of system may have a non-zero relative velocity.

D. Any two of particles of system may have displacements in same direction under action of a force.

Q10 (1 Marks)

For n-particles in a space, the suitable expression for the position vector of centre of mass is

A. ∑mi ri / mi

B. ∑mi ri/M

C. mi ri

D. mi ri / mi

Q11 (1 Marks)

For which of the following does the centre of mass lie outside the body?

A. A pencil

B. A shotput

C. A dice

D. A bangle

Q12 (1 Marks)

Angular velocity vector is directed along

A. the tangent to the circular path

B. the inward radius

C. the outward radius

D. the axis of rotation

Q13 (1 Marks)

According to Kepler's law of planetary motion, if Trepresents time-period and r is orbital radius, then for two planets these are related as

A. $(T1/T2)^3 = (r1/r2)^2$

B. $T1/T2 = r1/r2$

C. $(T1/T2)^2 (r1/r2)^3$

D. $T1/T2 = (r1/r2)^{2/3}$

Q14 (1 Marks)

As observed from the earth, the sun appears to move in an approximate circular orbit. For the motion of another planet like mercury as observed from the earth, this would

A. be similarly true

B. not be true because the force between the earth and mercury is not inverse square law

C. not be true because the major gravitational force on mercury is due to the sun

D. not be true because mercury is influenced by forces other than gravitational forces

Q15 (1 Marks)

Law of areas is valid only when gravitational force is

A. conservative force

B. central force

C. attractive force

D. weak force

Q16 (1 Marks)

. A point mass m is placed outside a hollow spherical shell of mass M and uniform density at a distance d from centre of the big sphere. Gravitational force on point mass m at P is

A. GmM/d^2

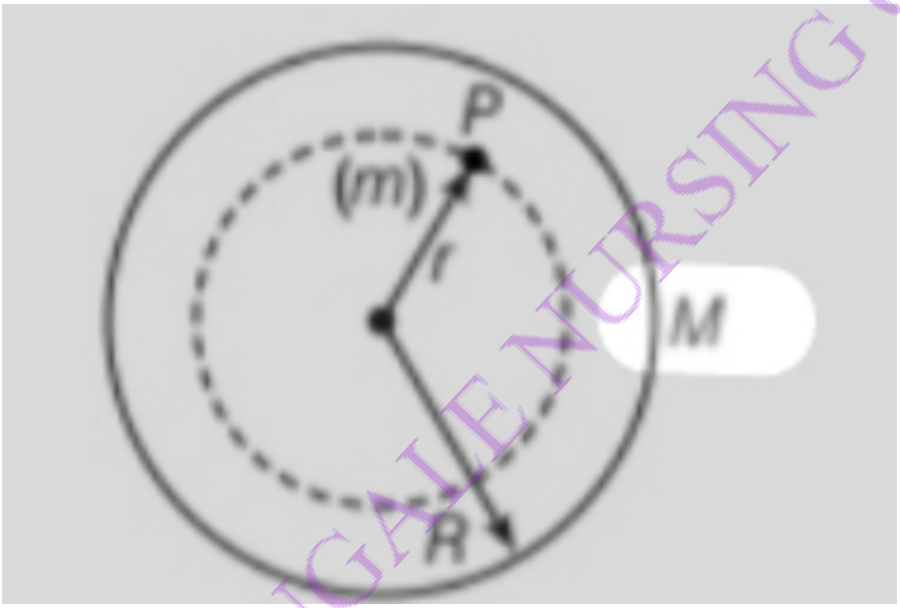
B. $2GmM/d^2$

C. Zero

D. Data Not Sufficient

Q17 (1 Marks)

The force of attraction due to a hollow spherical shell of mass M, radius R and uniform density, on a point mass m situated inside it is



A. GmM/r^2

B. GmM/R^2

C. Zero

D. Data not sufficient

Q18 (1 Marks)

The earth, moving around the sun in a circular orbit, is acted upon by a force and hence work done on the earth by the force is

A. Zero

B. +ve

C. -ve

D. None of these

Q19 (1 Marks)

A force $F=k/x^2$ ($x \neq 0$) acts on a particle in X-direction. Find the work done by the force in displacing the particle from x = -a to x = 2a.

A. $3k/2a$

B. $4k/a^2$

C. $-3k/2a^2$

D. $-9k/a^2$

Q20 (1 Marks)

A force of 10 N is applied on an object of mass 2 kg placed on a rough surface having coefficient of friction equal to 0.2. Work done by applied force in 4s is

A. 120J

B. 240J

C. 250J

D. 100J

Q21 (1 Marks)

A man squatting on the ground gets straight up and stand. The force of reaction of ground on the man during the process is

A. constant and equal to mg in magnitude

B. constant and greater than mg in magnitude

C. variable but always greater than mg

D. at first greater than mg and later becomes equal to mg

Q22 (1 Marks)

The potential energy, ie, U(x) can be assumed zero when

A. x=0

B. gravitational force is constant

C. infinite distance from the gravitational source

D. All of the above

Q23 (1 Marks)

What is the ratio of kinetic energy of a particle at the bottom to the kinetic energy at the top when it just loops a vertical loop of radius r?

A. 5:1

B. 2:3

C. 5:2

D. 7:2

Q24 (1 Marks)

Two bodies of masses m, and m_2 have same momentum. The ratio of their KE is

A. √m2/m1

B. √m1/m2

C. m1/m2

D. m2/m1

Q25 (1 Marks)

If the linear momentum is increased by 50%, then kinetic energy will be increased by

A. 50%

B. 100%

C. 125%

D. 25%

Q26 (1 Marks)

How much amount of energy is liberated to convert 1 kg of coal into energy?

A. 9×10^{16} J

B. 9×10^{15} J

C. 3×10^{14} J

D. 4×10^{6}J

Q27 (1 Marks)

. In a hydroelectric power station, the water is flowing at 2 ms in the river which is 100 m wide and 5 m deep. The maximum power output from the river is

A. 1.5MW

B. 2MW

C. 2.5MW

D. 3MW

Q28 (1 Marks)

In a head on elastic collision of a very heavy body moving with velocity v with a light body at rest. Then, the velocity of heavy body after collision is

A. v

B. 2v

C. Zerro

D. v/2

Q29 (1 Marks)

The height attained by a ball after 3 rebounds on falling from a height of h on floor having coefficient of restitution e is

A. e^3h

B. e^4h

C. e^5h

D. e^6h

Q30 (1 Marks)

In solids, inter-atomic forces are

A. totally repulsive

B. totally attractive

C. combination of (a) and (b)

D. None of the above

Q31 (1 Marks)

The nature of molecular forces resembles with the nature of the

A. gravitational force

B. nuclear force

C. electromagnetic force

D. Weak force

Q32 (1 Marks)

A and B are two wires. The radius of A is twice that of B. They are stretched by the same load. Then, the stress on B is

A. equal to that on A

B. four times that on A

C. two times that on A

D. half that on A

Q33 (1 Marks)

On suspending a weight Mg, the length l of elastic wire having area of cross-section A, becomes double the initial length. The instantaneous stress action on the wire is

A. Mg/2A

B. 2Mg/A

C. Mg/A

D. 4Mg/A

Q34 (1 Marks)

A cube of aluminium of side 0.1 m is subjected to a shearing force of 100 N. The top face of the cube is displaced through 0.02 cm with respect to the bottom face. The shearing strain would be

A. 0.02

B. 0.1

C. 0.005

D. 0.002

Q35 (1 Marks)

A steel rod of length 1 m and radius 10 mm is stretched by a force 100 kN along its length. The stress produced in the rod is Y Steel $=2\times10^{11}$ Nm-2.

A. 3.18×10^{6} Nm^{-2}

B. $3.18\times10^{7} Nm^{-2}$

C. $3.18\times10^{8} Nm^{-2}$

D. 3.18×10^{9} Nm^{-2}

Q36 (1 Marks)

The upper end of a wire of radius 4 mm and length 100 cm is clamped and its other end is twisted through an angle of 30°. Then, angle of shear is

A. 12°

B. 0.12°

C. 1.2°

D. 0.012°

Q37 (1 Marks)

A prism has refractive angle 60°. When a light ray is incident on 50°, then minimum deviation is obtained. What is the value of minimum deviation?

A. 40°

B. 45°

C. 50°

D. 60°

Q38 (1 Marks)

The image formed by an objective of a

A. virtual and diminished

B. real and diminished

C. real and enlarged

D. virtual and enlarged

Q39 (1 Marks)

In order to increase the angular magnification of a simple microscope, one should increase

A. the object size

B. the aperture of the lens

C. the focal length of the lens

D. the power of the lens

Q40 (1 Marks)

A ray of light incident at an angle 0 on a refracting face of a prism emerges from the other face normally. If the angle of the prism is 5° and the prism is made of a material of refractive index 1.5, the angle of incidence is

A. 7.5°

B. 5°

C. 15°

D. 2.5°

Q41 (1 Marks)

Buckyball is found in

A. dust

B. rocks

C. soot

D. None of these

Q42 (1 Marks)

The structure of the third member of the alkyne series is:

A. H-C≡C-H

B. H-C≡C-CH3

C. H-C≡C-CH2CH3

D. H-C≡C-C≡C-H

Q43 (1 Marks)

Ethylidene dichloride is obtained by the reaction of excess of HCI with.

A. Ethylene

B. Acetylene

C. Propane

D. Methane

Q44 (1 Marks)

Alkynes exhibit functional isomerism with:

A. alkanes

B. alkenes

C. alkadienes

D. alcohols

Q45 (1 Marks)

Westron has the formula:

A. CF2Cl2

B. CHCl3

C. C2H2Cl4

D. CHF3

Q46 (1 Marks)

The arrangement of following compounds:

i. Bromomethane

ii. Bromoform

iii. Chloromethane

iv. Dibromomethane

In the increasing order of their boiling point is :

A. iii < i < iv < ii

B. iv < iii < i < ii

C. ii < iii < i < iv

D. i < ii < iii < iv

Q47 (1 Marks)

Tertiary butyl halide when undergoes elimination process to give alkene:

A. with N_3^-

B. with I^-

C. with OR^-

D. with $CH_3SO_3^-$

Q48 (1 Marks)

In the presence of peroxide, HCI and HI do not give anit- Markownikoff's addition to alkenes because:

A. one of the steps is endothermic in HCI and HI

B. both HCI and HI are strong acids

C. all the steps are exothermic in HCI and HI

D. HCI is oxidizing and the HI is reducing

Q49 (1 Marks)

A current of 2.6 amp was passed through CuSO4 solution for 6 minutes and 20 seconds. The amount of copper deposited is:

A. 0.3175 g

B. 0.0031 g

C. 6.35 g

D. 3.175 g

Q50 (1 Marks)

The type of electrode Pb[PbSO4(s)] H2SO4 used in acid storage cell is

A. metal electrode

B. non metal electrode

C. metal insoluble salt electrode

D. metal soluble salt electrode

Q51 (1 Marks)

For the cell reaction to be spontaneous the EMF of the cell should be:

A. negative

B. positive

C. Zero

D. some times positive and some times negative

Q52 (1 Marks)

C4H10O has total number of primary alcohol as

A. 1

B. 2

C. 3

D. 4

Q53 (1 Marks)

At room temperature, the eclipsed and the staggered forms of ethane cannot be isolated because:

A. Both the conformers are equally stable

B. They interconvert rapidly

C. There is a large energy barrier of rotation about the bond.

D. None of these

Q54 (1 Marks)

In the electrolysis of acidulated water 2.8L of O2 is liberated at S.T.P. If the same quantity of electricity liberates 6g of another element, the equivalent weight of the element is:

A. 6 g/equiv

B. 12 g/equiv

C. 24 g/equiv

D. 48 g/equiv

Q55 (1 Marks)

Methyl amine with nitrous acid gives

A. methyl alcohol

B. methyl nitrite

C. dimethyl ether

D. methyl nitrite and dimethyl ether

Q56 (1 Marks)

Lead acid cell and alkalic cells are

A. Storage cells

B. Accumulators

C. Secondary cells

D. All of these

Q57 (1 Marks)

When an electric current is drawn from a galvanic cell _____

A. EMF suddenly increases.

B. EMF gradually increases and attains a maximum value.

C. EMF decreases and finally falls to zero.

D. EMF must remain constant.

Q58 (1 Marks)

Strong electropositive property shown by the following:

A. Mg

B. P

C. Si

D. Cl

Q59 (1 Marks)

Given ΔH (Ionization enthalpy) for the process is 19800 kJ/mole & IE_1 for Li is 520, then IE2 & IE3 of Li+ are _____ respectively.

[Note: approx. value]

A. 7505, 11775

B. 520, 19280

C. 11775, 19280

D. Data insufficient

Q60 (1 Marks)

The metal having highest ionisation potential is:

A. lithium

B. sodium

C. Potassium

D. caesium

Q61 (1 Marks)

The trend in ionisation potential on moving down the group in the periodic table is:

A. increases

B. decreases

C. Constant

D. none of these

Q62 (1 Marks)

Strong electropositive property shown by the following:

A. Mg

B. P

C. Si

D. Al

Q63 (1 Marks)

The third ionization energy amongst Li, Be, B and C is lowest for:

A. Li

B. Be

C. B

D. C

Q64 (1 Marks)

Which among the following has the highest ionisation potential?

A. Li

B. B

C. Be

D. C

Q65 (1 Marks)

The metal having highest ionisation potential is:

A. lithium

B. sodium

C. Potassium

D. Oxygen

Q66 (1 Marks)

The general formula of arenes is:

A. CnH2n

B. CnH2n-4

C. CnH2n+2

D. CnH2n-6m

Q67 (1 Marks)

Which of the following has highest electron affinity?

A. O

B. S

C. Be

D. B

Q68 (1 Marks)

Which among the following elements is metalloid ?

A. Berellium

B. Barium

C. Boron

D. Bismuth

Q69 (1 Marks)

Identify the wrong statement

A. Salicylic acid is a monobasic acid

B. Methyl salicylate is an ester

C. Salicylic acid gives violet colour with neutral ferric chloride as well as brisk effervescence with sodium bicarbonate

D. Methyl salicylate does not occur in mineral oils

Q70 (1 Marks)

Which of the following compounds will not undergo Friedal-Craft's reaction easily?

A. cumene

B. xylene

C. nitrobenzene

D. toluene

Q71 (1 Marks)

Iodoform belongs to which of the following alkyl halide?

A. Primary alkyl halide

B. Secondary alkyl halide

C. Tertiary alkyl halide

D. None of these

Q72 (1 Marks)

Among the following which is not a elastomer

A. rubber

B. Putty

C. Plastic

D. None of these

Q73 (1 Marks)

Salicylic acid, picric acid, aspirin, nylon and plastics have a common raw material, namely:

A. phenol

B. formic acid

C. methane

D. alochol

Q74 (1 Marks)

Which of the following methods are used to convert lower alcohol to higher alcohol?

A. Wurtz reaction

B. Through introducing cyanide

C. Through grignard reagent

D. All of these

Q75 (1 Marks)

The other name for Syngas is:

A. Producer gas

B. Water gas

C. Tear gas

D. Fuel gas

Q76 (1 Marks)

Products obtained when cold HI reacts with isopropyl methyl ether at 273K are:

A. isopropyl iodide and methyl alcohol

B. isopropyl alcohol and methyl iodide

C. isopropyl iodide and water

D. methyl iodide and water

Q77 (1 Marks)

An oxygen-containing organic compound upon oxidation forms a carboxylic acid as the only organic product with its molecular mass higher by 14 units. The organic compound is:

A. an aldehyde

B. a primary alcohol

C. a secondary alcohol

D. a ketone

Q78 (1 Marks)

Which of the following cannot be dissolved in alcohol?

A. Dyes and drugs

B. Soaps and varnishes

C. Resins and varnishes

D. Rubber and plastics

Q79 (1 Marks)

What compound is obtained when ethanol is distilled with potassium bromide and concentrated sulphuric acid?

A. Ethyl hydrogen sulphate

B. Ethyl bromide

C. Ethylene bromide

D. Acetylene dibromide

Q80 (1 Marks)

The alcohol used in thermometers is:

A. Methanol

B. Ethanol

C. Butanol

D. Propanol

Q81 (1 Marks)

If the thoracic wall but not lungs, is punctured the

A. lungs get inflated

B. man dies as the lungs get collapsed

C. breathing rate decreases

D. breathing rate increases

Q82 (1 Marks)

Oxyhaemoglobin dissociates into oxygen and deoxyhaemoglobin at

A. Low O2 pressure in tissue

B. high O2 pressure in tissue

C. equal O_2 pressure inside and outside tissue

D. all times irrespective of O2 pressure

Q83 (1 Marks)

In human beings, rib cage and sternum move upwardly and outwardly during

A. exercise

B. sudden back injury

C. expiration

D. inspiration

Q84 (1 Marks)

What will happen if an Rh- ve person is exposed to the

Rh+ve person?

A. Antigen formation takes place

B. -ve and +ve Rh antigen cancel out each other

C. Nothing will happen

D. Antibody will form

Q85 (1 Marks)

Which of the following four components of the blood are necessary for clotting?

A. Calcium, vitamin-K, albumin and globulin

B. Calcium, prothrombin, fibrinogen, And platelets

C. Calcium, heparin, prothrombin and fibrinogen

D. Calcium, prothrombin, platelets and vitamin-A

Q86 (1 Marks)

The total number of muscles in the body of man are

A. 409

B. 439

C. 539

D. 639

Q87 (1 Marks)

Number of bones in human body

A. 206

B. 106

C. 207

D. 107

Q88 (1 Marks)

The total number of ear bones in man are

A. 3

B. 5

C. 6

D. 2

Q89 (1 Marks)

Largest heart is found in

A. Elephant

B. Crocodile

C. Giraffe

D. Hippopotamus

Q90 (1 Marks)

The circulation of blood was discovered by

A. Jagdish Chandra Bose

B. Karl Landsteiner

C. Watson and Crick

D. William Harvey

Q91 (1 Marks)

The heart of a crocodile consists of

A. a single auricle and two ventricles

B. two auricles and a single ventricle

C. two auricles and two ventricles

D. a single auricle and a single ventricle

Q92 (1 Marks)

Pulmonary vein carries

A. deoxygenated blood

B. mixed blood

C. oxygenated blood

D. None of the above

Q93 (1 Marks)

Teeth of rabbits are

A. thecodont

B. diphyodont

C. Heterodont

D. All of above

Q94 (1 Marks)

Animals eating own faecal matter are

A. sanguivorous

B. frugivorous

C. coprophagous

D. detritivorous

Q95 (1 Marks)

HCl is secreted by

A. zymogen cells

B. oxyntic cells

C. Kupffer cells

D. mucous cells

Q96 (1 Marks)

What are the function of Goblet cells?

A. Production of enzyme

B. Production of mucin

C. Production of hormone

D. Production of HCl

Q97 (1 Marks)

Lacteals are found in

A. liver

B. lungs

C. kidneys

D. villus of intestine

Q98 (1 Marks)

Peyer's patches contain

A. mucous

B. sebum

C. lymphocytes

D. red blood cells

Q99 (1 Marks)

Cells of liver which act as phagocytes are

A. Deiter cells

B. Kupffer cells

C. Hensen cells

D. Acinar cells

Q100 (1 Marks)

Glycogen is stored in

A. liver and muscles

B. liver only

C. muscles only

D. pancreas

Q101 (1 Marks)

Which of the following is not, a carbohydrate?

A. Stevia

B. Starch

C. Cellulose

D. More than one of the above

Q102 (1 Marks)

Now a days, people are replacing artificial sugar with stevia because it has no____

A. Minerals

B. Fats

C. Carbohydrates

D. Lipids

Q103 (1 Marks)

Which of the following two molecules are required to form a maltose molecule?

A. Glucose+ Fructose

B. Glucose+ lactose

C. Glucose+ Glucose

D. More than one of the above

Q104 (1 Marks)

In human body, Glucose is stored in the form of

A. Starch

B. Glycogen

C. Fructose

D. Maltose

Q105 (1 Marks)

Which of the following is an example of monosaccharides?

A. Fructose B. Sucrose C. Starch D. Glucose

A. Only C

B. Both A and D

C. Both B and C

D. Only B

Q106 (1 Marks)

Which of the following is the simplest form of carbohydrates?

A. Carboxyl groups

B. Aldehyde and Ketone groups

C. Alcohol and Carboxyl groups

D. Hydroxyl groups and Hydrogen groups

Q107 (1 Marks)

Which of the following are the major functions of Carbohydrates?

A. Storage

B. Structural framework

C. Transport Materials

D. Both Storage and structural framework

Q108 (1 Marks)

Non-essential amino acids are synthesized in human body:

A. only during protein catabolism

B. only during protein anabolism

C. neither during protein catabolism nor during protein anabolism

D. during both protein catabolism and

Q109 (1 Marks)

Which among the following is a fibre protein?

A. Hemoglobin

B. Albumin

C. Keratin

D. Enzyme

Q110 (1 Marks)

The calorific value is highest for:

A. carbohydrate

B. Fat

C. Protein

D. Fiber

Q111 (1 Marks)

Which of the following monosaccharides is the majority found in the human body?

A. D-type

B. L-type

C. LD-types

D. None of the above

Q112 (1 Marks)

Which of the following is the best source of Vit-A

A. Carrot

B. Apple

C. Peanuts

D. Honey

Q113 (1 Marks)

Vitamin necessary for blood clotting - [ST-73,77,CPMT-76,91,AFMC-83,BHU-83]

A. A

B. E

C. C

D. K

Q114 (1 Marks)

Ascorbic acid is the-

A. Vit A

B. Vit-C

C. Vit E

D. Biotin

Q115 (1 Marks)

Deficiency of Vitamin A causes -

A. Retarted growth

B. Scurvy

C. Beri-Beri

D. Rickets

Q116 (1 Marks)

Scurvy is a disease caused by -

A. A virus

B. Deficiency of Vit E

C. Deficiency of Vit. C

D. Deficiency of Vit. D

Q117 (1 Marks)

Vit -K is required for -

A. Regulation of Ca and P metabolism

B. Respiration

C. Carbohydrate metabolism

D. Synthesis of prothrombin in liver required for blood clotting.

Q118 (1 Marks)

Which of the following Biomolecules simply refers to as "Staff of life"?

A. Lipids

B. Proteins

C. Vitamins

D. Carbohydrates

Q119 (1 Marks)

Beri-Beri is caused due to-

A. Def. of Vit B1

B. Def. of Vit B2

C. Def. of Vit B12

D. Def. of Vit C

Q120 (1 Marks)

Which of the following is the general formula of Carbohydrates?

A. (C4H2O)n

B. (C6H2O)n

C. (CH2O)n

D. $(C_2H_2O)n$ COOH

Q121 (1 Marks)

The B vitamins generally function as what?

A. Coenzymes

B. Emulsifiers

C. Antioxidants

D. Reducing agents

Q122 (1 Marks)

The vitamin essential for synthesis of several blood clotting factors is:

A. K

B. E

C. A

D. C

Q123 (1 Marks)

Most vitamin A is stored in the which of the following organ?

A. Adipose tissue.

B. Liver

C. Small intestine

D. Kidneys

Q124 (1 Marks)

HIV is a:-

A. Retrovirus

B. DNA Virus

C. Fungus

D. Bacteria

Q125 (1 Marks)

Which is not the element of communication?

A. Message

B. Sender

C. Attention 1

D. Channel

Q126 (1 Marks)

How many elements are communication?

A. 5

B. 6

C. 7

D. 8

Q127 (1 Marks)

Response from a receiver to a sender is known as?

A. Message

B. Context

C. Feedback

D. Stimulus

Q128 (1 Marks)

The factor which is not included in essential communication:

A. Receiver

B. Response

C. Sender

D. Noise

Q129 (1 Marks)

Where does digestion of carbohydrates begin?

A. Small intestine

B. Mouth

C. Oesophagus

D. Stomach

Q130 (1 Marks)

Which of the following is not a monosaccharide?

A. Glucose

B. Fructose

C. Galactose

D. Lactose

Q131 (1 Marks)

Most digestion takes place in which of the following art ?

A. Pancreas

B. Small Intestine

C. Large intestine

D. Stomach

Q132 (1 Marks)

In which form are most dietary lipids are found?

A. Sterols

B. Monoglycerides

C. Triglycerides

D. Phospholipids

Q133 (1 Marks)

Which is the only antibody that can cross placenta?

A. IgG

B. IgA

C. IgD

D. None of these

Q134 (1 Marks)

Which of the following antibody is responsible for allergic response?

A. IgG

B. IgD

C. IgA

D. IgE

Q135 (1 Marks)

Choose the correct antonym of the given word

Stagnant

A. Inertia

B. Progress

C. Mobile

D. Effervescence

Q136 (1 Marks)

Choose the correct antonym of the given word

Brilliant

A. Apparent

B. Flat

C. Dull

D. Shining

Q137 (1 Marks)

Choose the correct synonym of the given word:

Histrionic

A. Inactive

B. Historically important

C. Overdramatic

D. Hypersensitive

Q138 (1 Marks)

Choose the correct synonym of the given word:

Composure

A. Tranquility

B. Restlessness

C. Liberty

D. Assumed attitude

Q139 (1 Marks)

I am tired as I am working since 7 O'clock in the morning.

A. I was working

B. I have been working

C. I had been working

D. I will be working

Q140 (1 Marks)

When it was morning they decided to put at an inn.

A. put out in

B. put off at

C. put at

D. Put up at

Q141 (1 Marks)

Jeans was not permitted in out college.

A. Were

B. Had

C. Will

D. Have

Q142 (1 Marks)

The furniture in this room are made of teak.

A. Had

B. Have

C. Is

D. None of these

Q143 (1 Marks)

When she was in the university, she_____ wake up early in the morning everyday

A. should

B. would

C. Will

D. would have

Q144 (1 Marks)

Active voice of 'Your shoes should be taken off 'is:

A. Taken your shoes off

B. Take your shoes off

C. Had you taken your shoes off?

D. Taking your shoes off

Q145 (1 Marks)

Passive voice of "The teacher beat the child."

A. The child has been beaten by the teacher.

B. The child have been beaten by the teacher.

C. The child was beaten by the teacher.

D. The child is beaten by the teacher.

Q146 (1 Marks)

They are talking ____a confidential matter, so do not interrupt.

A. in

B. on

C. for

D. over

Q147 (1 Marks)

"Cease" Choose the one which best expresses the meaning of the word:

A. Begin

B. Stop

C. Create

D. Dull

Q148 (1 Marks)

He suggested that, we should be bound by a code of conduct, isn't it?

A. Shouldn't we

B. is it

C. aren't we

D. None of above

Q149 (1 Marks)

Choose the correct antonym of the given word

Embellish

A. Perish

B. Disarm

C. Adorn

D. Disfigure

Q150 (1 Marks)

Find the synonym of the following word

Altruistic

A. humanist

B. greedy

C. considerate

D. Selfish

Q151 (1 Marks)

Minimum age required to contest President is

A. 25

B. 21

C. 30

D. 35

Q152 (1 Marks)

Financial emergency is related to ?

A. Article 360

B. Article 240

C. Article 260

D. Article 356

Q153 (1 Marks)

Census in India was started in ?

A. 1872

B. 1881

C. 1855

D. 1883

Q154 (1 Marks)

Which country has agreed to host the Global Peace Summit for Ukraine ?

A. England

B. Switzerland

C. Germany

D. America

Q155 (1 Marks)

The first man to walk in space was ?

A. Yuri Gagarin

B. Rakesh Sharma

C. Neil Armstrong

D. Alexy Leonav

Q156 (1 Marks)

Who was the first chairman of ISRO?

A. K .Sivan

B. S Somnath

C. Satish Dhavan

D. Vikram Sarabhai

Q157 (1 Marks)

How many spokes are there in Indian National Flag?

A. 24

B. 20

C. 23

D. 26

Q158 (1 Marks)

The 42-days Mohamandal festival has begun in which state of India ?

A. Odisha

B. Uttar Pradesh

C. Andhra Pradesh

D. Tamil Nadu

Q159 (1 Marks)

Who was listed in the world's brightests students list by the prestigious Johns Hopkins Centre for Talented Youth 2

A. Preesha Chakraborty

B. Parama Chodhary

C. Pritam Kumar

D. None of these

Q160 (1 Marks)

Recently Government of India awarded the Padma Award Usha Uthap awarded in which category?

A. Defence

B. Science

C. Social Work

D. Art

Q161 (1 Marks)

What is the capital of Manipur ?

A. Shillong

B. Imphal

C. Kohima

D. Amrabati

Q162 (1 Marks)

Who decides the alootment of symbols to Political Parties ?

A. President of India

B. Political Party Leader

C. Chief Judge of Supreme Court

D. Election Commission

Q163 (1 Marks)

Inrernational Human Rights Day is on ?

A. 5 December

B. 10 December

C. 25 December

D. 26 December

Q164 (1 Marks)

Who is the first Indian to won a Gold Medal?

A. Saniya Mirza

B. Milkha Singh

C. Abhinav Bindra

D. P.V. SIndhu

Q165 (1 Marks)

Which is the Capital of Sri Lanka

A. Colombia

B. Jayawardenepura

C. Beijing

D. Katmandu

Q166 (1 Marks)

Where is the Manchester of South Indian located?

A. Bengaluru

B. Amravati

C. Koimbattor

D. Mumbai

Q167 (1 Marks)

Dudhwa National Park is located in which state ?

A. Assam

B. Gujarat

C. Uttarakhand

D. Uttar Pradesh

Q168 (1 Marks)

The Sikh Khalsa Pant was founded by -

A. Guru Nanak Dev

B. Guru Arjun Dev

C. Guru Teg Bhadur

D. Guru Gobind Singh

Q169 (1 Marks)

Where is Golden temple located?

A. Jaipr

B. Varanasi

C. Surat

D. Amritsar

Q170 (1 Marks)

Uranus takes _____ years to orbit the Sun?

A. 55 years

B. 84 years

C. 95 years

D. 369 years

Q171 (1 Marks)

What is the correct meaning for "angio"?

A. Mouth

B. Water

C. Lung

D. Vessel

Q172 (1 Marks)

What is the root word for "slow"?

A. Cyan(o)

B. Gastro

C. Brady

D. Tachy

Q173 (1 Marks)

What is the prefix for "above normal"?

A. Poly

B. Hypo

C. Hyper

D. Mega

Q174 (1 Marks)

What is the prefix for "below"?

A. Trans

B. Semi

C. Hypo

D. Post

Q175 (1 Marks)

What is the correct suffix for "movement"?

A. Pnea

B. Osis

C. Algia

D. Taxis

Q176 (1 Marks)

A communication process can be considered complete when

A. the sender transmits the message.

B. the message enters the channel.

C. the message leaves the channel.

D. the receiver understands the message.

Q177 (1 Marks)

Which of the following organs is known as the "graveyard" of RBCs?

A. Spleen

B. Kidney

C. Liver

D. Gall bladder

Q178 (1 Marks)

Which of the following organs contains the 'Bundle of His'?

A. Pancreas

B. Brain

C. Kidney

D. Heart

Q179 (1 Marks)

Which of the following parts of the brain controls body temperature and hunger?

A. Thalamus

B. Pons

C. Cerebellum

D. Hypothalamus

Q180 (1 Marks)

Which of the following parts acts as an endocrine gland after ovulation?

A. Vitelline membrane

B. Stroma

C. Germinal epithelium

D. Graffian follicle

Q181 (1 Marks)

What part of the body is distal to the knee?

A. The thigh

B. The foot

C. The elbow

D. The head

Q182 (1 Marks)

The eyes are ____ to the brain .

A. Inferior

B. Lateral

C. Deep

D. Anterior

Q183 (1 Marks)

Divides body into top and bottom portions (superior- head; inferior-feat)

A. Medial Plane

B. Sagittal

C. Proximal

D. Transverse Plane

Q184 (1 Marks)

Which anatomical plane divides the body into dorsal and ventral sides?

A. Coronal

B. Sagittal

C. Transverse

D. Caudal

Q185 (1 Marks)

How many pollen mother cells should undergo meiotic division to produce 64 pollen grains?

A. 64

B. 32

C. 16

D. 8

Q186 (1 Marks)

How many meiotic divisions are required for the formation of 100 pollen grains?

A. 100

B. 50

C. 25

D. 46

Q187 (1 Marks)

One of the most resistant biological material present in the exine of pollen grain is

A. pectocellulose

B. sporopollenin

C. suberin

D. Cellulose

Q188 (1 Marks)

Which of the following is not a characteristic feature of sponges?

A. Cellular level of organisation

B. Presence of ostia

C. Intracellular digestion

D. Body supported by chitin

Q189 (1 Marks)

Select the incorrect characteristic regarding sponges.

A. Internal fertilisation

B. External fertilisation

C. Gemmule formation

D. Gametes are formed from epidermal cells

Q190 (1 Marks)

Which of the following is not an example of corm?

A. Colocasia

B. Freesia

C. Crocus

D. Zingiber

Q191 (1 Marks)

The 'eyes' of the potato tuber represent

A. nodes

B. root buds

C. flower buds

D. leaf buds

Q192 (1 Marks)

In Bougainvillea, weak stems rise up a support by clinging to it with the help of curved thorns, such plants are called as

A. tendrils

B. Hooks

C. offsets

D. scramblers

Q193 (1 Marks)

Seaweeds are a source of

A. chlorine

B. fluorine

C. bromine

D. iodine

Q194 (1 Marks)

Major photosynthetic pigments in green algae are

A. Chl a and b

B. Chl a, c and fucoxanthin

C. Chl a, d and phycoerythrin

D. Chl a and c.

Q195 (1 Marks)

Cup-shaped chloroplast is present in

A. Spirogyra

B. Chlamydomonas

C. Ulothrix

D. Chara

Q196 (1 Marks)

What is common among crab and honeybee?

A. Jointed legs

B. Metamorphosis

C. Compound eyes

D. Poison glands

Q197 (1 Marks)

Which of the following is an excretory organ in Hemichordata?

A. Proboscis glands

B. Collar

C. Gill slits

D. None of these

Q198 (1 Marks)

Sweet potato is a modified

A. stem

B. adventitious root

C. Taproot

D. rhizome

Q199 (1 Marks)

Coconut fruit is a

A. Berry

B. nut

C. Capsule

D. drupe

Q200 (1 Marks)

Roots play insignificant role in absorption of water in

A. pea

B. wheat

C. sunflower

D. Pistia