

# BIOLOGY

## PREVIOUS YEAR QUESTIONS

**Q1.**

Penicillin is extracted from

- (a) yeast
- (b) algae
- (c) fungus
- (d) lichen

**Q2.**

Which is the effect of antigen in an ill person ?

- (a) It increases the production of W.B.C.
- (b) It increases the production of antibiotics
- (c) It increases the production of anti-serum against bacteria
- (d) It prevents the growth of bacteria

**Q3.**

Which among the following helps in circulation of blood ?

- (a) Arithrocytus
- (b) Blood platelets
- (c) Monocytes
- (d) Lymphocytes

**Q4.**

Which among the following elements increases the absorption of water and calcium in plants ?

- (a) Manganese
- (b) Boron
- (c) Copper
- (d) Molybdenum

**Q5.**

Which wood will become useless soon after exposing in the open air ?

- (a) Softwood
- (b) Fibrous wood
- (c) Wet wood
- (d) Hardwood

**Q6.**

Which among the following is a large spectrum Antibiotic ?

- (a) Paracetamol
- (b) Pencillin
- (c) Ampicillin
- (d) Chlormphenicol

**Q7.**

Our bones and teeth are generally made of

- (a) Tricalcium phosphate
- (b) Fluoropetite
- (c) Chloropetite
- (d) Hydrolith

**Q8.**

Angora wool is extracted from

- (a) rabbit
- (b) sheep
- (c) fox
- (d) goat

**Q9.**

Which of the following diseases affects women easily than that of men ?

- (a) Heart attack
- (b) Hepatitis
- (c) Joint arthritis
- (d) Arthritis

**Q10.**

Pituitary gland is located in

- (a) brain
- (b) kidney
- (c) liver
- (d) intestine

**Q11.**

What is the limit of MG/DL of blood sugar in the normal person at the time of fast ?

- (a) 40-60
- (b) 120-150
- (c) 70-100
- (d) 160-200

**Q12.**

The cross section of a stem of tree has fifty rings . what is the age of the tree ?

- (a) 50 months
- (b) 5 years
- (c) 25 years
- (d) 50 years

**Q13.**

Onion is a modified form of

- (a) leaf
- (b) stem
- (c) root
- (d) None of these

**Q14.**

The pollination of maize takes place by

- (a) self-pollination
- (b) pollination by insects
- (c) pollination by air
- (d) pollination by rain

**Q15.**

Why radiologists do not take direct Xray photographs of intestine ?

- (a) Intestines are affected by direct exposure to X-rays
- (b) X-rays cannot cross intestine
- (c) X-rays are not able to capture clear picture
- (d) Even short exposure of X-rays causes cancer in intestine

**Q16.**

Exobiology deals with the study of :  
**(a)**external characters of living organisms  
**(b)**life on the surface of the earth  
**(c)**life in the outer layers of atmosphere  
**(d)**life in other planets and space

**Q17.**

Animals do not have enzyme systems which enable them to make use of the energy from :

- (a)**fat
- (b)** water
- (c)**protein
- (d)**carbohydrate

**Q18.**

A clone is a colony of:

- (a)**cells having different shapes
- (b)**cells having similar shape
- (c)**cells having similar genetic constitution
- (d)**cells having different genetic constitutions

**Q19.**

The pollen grains of flowers pollinated by insects are :

- (a)**smooth and dry
- (b)**rough and sticky
- (c)**rough and dry
- (d)**large and showy

**Q20.**

The disease caused by Asbestos is :

- (a)** Emphysema
- (b)** Paralysis
- (c)** Diarrhea
- (d)** Dysentery

**Q21.**

In the eye colour vision is effected by the presence of:

- (a)**Choroid coat
- (b)**Sclerotic coat
- (c)** Rods
- (d)** Cones

**Q22.**

Which of the following is NOT one of the important steps in processing tea leaves?

- (a)** Rolling
- (b)** Drying
- (c)** Fermenting
- (d)** Withering

**Q23.**

Dehydration in human body is caused due to the loss of:

- (a)**vitamins
- (b)**salts
- (c)**hormones
- (d)**water

**Q24.**

Which of the following is the largest living bird ?

- (a)**Eagle
- (b)**Peacock

**(c)**Ostrich

**(d)**Kiwi

**Q25.**

In the case of test tube babies

- (a)**egg is fertilized in the uterus.
- (b)**embryo completes its development in a test tube.
- (c)**embryo is placed in uterus after 2 months.
- (d)**egg is fertilized outside mother s body.

**Q26.**

The age Of trees is determined by its :

- (a)** girth
- (b)** height
- (c)**growth rings
- (d)**general appearance

**Q27.**

Kidney disease in man is caused by the pollutant:

- (a)** Cadmium
- (b)** Iron
- (c)** Cobalt
- (d)** Carbon

**Q28.**

Fruits of this plant are found underground:

- (a)** Potato
- (b)** Carrot
- (c)** Groundnut
- (d)** Onion

**Q29.**

A rare and endangered animal in Silent Valley is :

- (a)**Musk deer
- (b)**Tiger
- (c)**Lion-tailed macaque
- (d)**Rhino sores

**Q30.**

Maximum photosynthetic activity occurs in :

- (a)**blue and red region of light
- (b)**green and yellow region of light
- (c)**blue and orange region of light
- (d)**violet and orange region of light-

**Q31.**

AIDS virus has :

- (a)**single-stranded RNA
- (b)**double-stranded RNA
- (c)**single-stranded DNA
- (d)**double stranded DNA

**Q32.**

A breath test used by traffic police to check drunken driving uses:

- (a)**potassium dichromate-sulphuric acid
- (b)**potassium permanganate-sulphuric acid
- (c)**turmeric on filter paper
- (d)**silica gel coated with silver nitrate

**Q33.**

AngloNubian is a breed of:

- (a) sheep
- (b) goat
- (c) poultry
- (d) cattle

**Q34.**

What kind of soil is treated with gypsum to make it suitable for cropping?

- (a) Alkaline
- (b) Acidic
- (c) Water-logged
- (d) Soil with excessive clay content

**Q35.**

Typhoid fever is caused by

- (a) virus
- (b) bacteria
- (c) fungus
- (d) allergy

**Q36.**

Which of the following blood group is a universal recipient?

- (a) A
- (b) B
- (c) AB
- (d) O

**Q37.**

Rod shaped bacteria is called

- (a) Bacillus
- (b) Spirillum
- (c) Coccus
- (d) Coma

**Q38.**

The animal which has become extinct recently in India happens to be

- (a) Golden cat
- (b) Cheetah
- (c) Woolly wolf
- (d) Rhinoceros

**Q39.**

All the progeny obtained from a single plant by vegetative propagation are called

- (a) Clones
- (b) Pure line
- (c) Inbred line
- (d) Pedigree line

**Q40.**

What is a Sponge ?

- (a) A fungus
- (b) A fossil
- (c) A plant
- (d) An animal

**Q41.**

Which of the following blood groups may be present in the children of a couple having blood groups A and B respectively?

- (a) A and B only
- (b) A B and AB
- (c) A B AB and O
- (d) A B only

**Q42.**

Which of the following diseases is caused by a virus?

- (a) Poliomyelitis
- (b) Malaria
- (c) Whooping cough
- (d) Ringworm

**Q43.**

Which of the following is known as Vitamin B<sub>1</sub>?

- (a) Retinol
- (b) Thiamin
- (c) Riboflavin
- (d) Ascorbic Acid

**Q44.**

Which of the following is true ?

- (a) DNA is the genetic material in most of the organism
- (b) RNA is the genetic material in most viruses and bacteria
- (c) DNA is the genetic material in all the viruses
- (d) RNA is the genetic material in all the viruses

**Q45.**

Pathogenic bacteria secrete

- (a) Antigens
- (b) Antibodies
- (c) Hormones
- (d) Interferon's

**Q46.**

Where is the Botanical Survey of India headquartered ?

- (a) Lucknow
- (b) Darjeeling
- (c) Kolkata
- (d) Ootacamund

**Q47.**

Who amongst the following was awarded Nobel Prize for path breaking contributions to develop treatment against Parkinson s disease ?

- (a) Arvid Carlsson
- (b) Walter Kohn
- (c) Robert B. Laughlin
- (d) Ferid Murad

**Q48.**

Which of the following food items is rich in iron ?

- (a) Rice
- (b) Apple
- (c) Pulses
- (d) Orange

**Q49.**

Who discovered Cholera germs?

- (a) Robert Koch
- (b) Rene Laennec
- (c) Dresser
- (d) Hansen

Q50.

Sweetex used by the diabetic patients has energy content of:

- (a) Five calories
- (b) Ten calorie
- (c) Hundred calories
- (d) Zero calories

Q51.

The element which is the most abundant in the human body is:

- (a) Oxygen
- (b) Carbon
- (c) Iron
- (d) Nitrogen

Q52.

Oxygen liberated during photosynthesis is coming from

- (a) Carbon dioxide
- (b) Water
- (c) Break down of chlorophyll II
- (d) Atmosphere

Q53.

Which of the following is NOT included in the Technology Mission?

- (a) Oil seeds
- (b) Pulses
- (c) Maize
- (d) Vegetables

Q54.

Who discovered sex hormones?

- (a) Dreser
- (b) Eugen Steinach
- (c) Edward Calvin
- (d) Samuel Cohen

Q55.

Fermentation is a process of decomposition of an organic compound by

- (a) catalysts
- (b) enzymes
- (c) carbanions
- (d) free radicals

Q56.

What are the basic units from which human spare parts can be created?

- (a) Nerve cells
- (b) Stem cells
- (c) Heart cells
- (d) Kidney cells

Q57.

Adherent mucoid alkaline substance covering the inner lining of stomach is to :

- (a) digest starch
- (b) act against bacteria
- (c) prevent the action of pepsin of mucosa
- (d) prevent viral infection

Q58.

The area of the human tongue sensitive to bitterness is restricted to :

- (a) tip
- (b) edges
- (c) middle part
- (d) posterior part

Q59.

Amniocentesis is a method for

- (a) determination of fetal health conditions
- (b) determination of the amino acids sequence:
- (c) inducing abortion
- (d) artificial insemination

Q60.

During photosynthesis the liberated gas is :

- (a) Carbon dioxide
- (b) Oxygen
- (c) Nitrogen
- (d) Hydrogen

Q61.

Which of the following blood cells is compulsory for blood coagulation?

- (a) Platelets
- (b) Red Blood Corpuscles
- (c) White Blood Corpuscles
- (d) Lymphocytes

Q62.

Which was the first antibiotic ?

- (a) Terramycin
- (b) Neomycin
- (c) Penicillin
- (d) Streptomycin

Q63.

Virus contains

- (a) Protein and lipid
- (b) Nucleic acid and protein
- (c) Lipid and carbohydrate
- (d) Carbohydrate and nucleic acid

Q64.

By which the sex of a child is determined before birth ?

- (a) Sperms of father
- (b) Foetus of mother
- (c) Both
- (d) and

Q65.

What may be the cause of malfunctioning of thyroid gland ?

- (a) Iodine deficiency
- (b) Iron deficiency
- (c) Calcium deficiency
- (d) Vitamin C

**Q66.**

How many feet has a crab got?

- (a) 12
- (b) 10
- (c) 8
- (d) 6

**Q67.**

Which one of the following is found only in women ?

- (a) Thyroid
- (b) Pituitary
- (c) Ovary
- (d) Adenoid

**Q68.**

Which one of the following is NOT a function of kidney ?

- (a) Regulation of blood pH
- (b) Removal of metabolic wastes from the body
- (c) Production of antibodies
- (d) Regulation of osmotic pressures of the blood

**Q69.**

Water In plants is transported by

- (a) cambium
- (b) phloem
- (c) epidermis
- (d) xylem

**Q70.**

Where are the Eucalyptus trees found in abundance ?

- (a) Mizo Hills
- (b) Naga Hills
- (c) Manipur Hills
- (d) Nilgiri Hills

**Q71.**

Which of the following hormone is released in excess quantity during excitement ?

- (a) Cortisone
- (b) Serotonin
- (c) Adrenaline
- (d) Estrogen

**Q72.**

Clove the commonly used spice is obtained from the

- (a) Fruit
- (b) Stem
- (c) Root
- (d) Flower bud

**Q73.**

What are the blood corpuscles that help to build up resistance against diseases ?

- (a) Leucocytes
- (b) Monocytes
- (c) Neutrophils

(d) Lymphocytes

**Q74.**

Which is the gland that holds the body's thermostat?

- (a) Pineal
- (b) Pituitary
- (c) Thyroid
- (d) Hypothalamus

**Q75.**

What is the chromosome number in a human ovum ?

- (a) 24
- (b) 46
- (c) 48
- (d) None of these

**Q76.**

Hashish is obtained from a plant. From which part of the plant is it obtained ?

- (a) Leaves
- (b) Stem
- (c) Exudate from leaves and female inflorescences.
- (d) Exudate from stem and male inflorescences.

**Q77.**

Which organ of the body never rests?

- (a) Eyes
- (b) Pancreas
- (c) Liver
- (d) Heart

**Q78.**

The presence of what distinguishes a plant cell from an animal cell?

- (a) Chloroplasts
- (b) Cell wall
- (c) Cell membrane
- (d) Nucleus

**Q79.**

The branch of agriculture which deals with the feeding, shelter, health and breeding of the domestic animals is called

- (a) Dairy Science
- (b) Veterinary Science
- (c) Poultry
- (d) Animal Husbandry

**Q80.**

Edward Jenner is associated with

- (a) Cholera
- (b) Typhoid
- (c) Smallpox
- (d) Paralysis

**Q81.**

A plant with compound leaves is

- (a) Papaya
- (b) Coconut
- (c) Peepal
- (d) Hibiscus

**Q82.**

The scientist who explained about blood circulation for the first time was

- (a) Antonyvan Leewen Hock
- (b) William Harvey
- (c) Gregor-Mendel
- (d) Ronald Ross

**Q83.**

Which one of the following is not a digestive enzyme ?

- (a) Pepsin
- (b) Renin
- (c) Insulin
- (d) Amylopsin

**Q84.**

The Theory of Evolution was put forward by

- (a) Louis Pasteur
- (b) Aristotle
- (c) Gregor Mendel
- (d) Charles Darwin

**Q85.**

In a human body the longest bone is In the

- (a) vertebral column
- (b) thigh
- (c) rib cage
- (d) arm

**Q86.**

Which of the following food crops has the maximum content of proteins ?

- (a) Cassava
- (b) Soyabean
- (c) Wheat
- (d) Maize

**Q87.**

Where did the new form of pneumonia "SARS" start ?

- (a) Canada
- (b) Singapore
- (c) China
- (d) Thailand

**Q88.**

The total number of vertebrae in a human being is

- (a) 26
- (b) 30
- (c) 29
- (d) 33

**Q89.**

On the average what percentage of human body has the element of oxygen ?

- (a) 65
- (b) 25
- (c) 10
- (d) 5

**Q90.**

BCG vaccination is to be given to a newborn child

- (a) immediately after birth
- (b) within 48 hours
- (c) within seven days
- (d) within six months

**Q91.**

The hybrid between horse and donkey is called

- (a) Pony
- (b) Colt
- (c) Mule
- (d) Zebra

**Q92.**

Glaucoma is a disease of the

- (a) Skin
- (b) Lungs
- (c) Liver
- (d) Eyes

**Q93.**

The chemical used for destroying Fungi in water tanks is

- (a) Copper sulphate
- (b) Magnesium sulphate
- (c) Zinc sulphate
- (d) Nitric acid

**Q94.**

Human kidney disorder is caused by the pollution of

- (a) Cadmium
- (b) Iron
- (c) Cobalt
- (d) Carbon

**Q95.**

Dehydration in human body is caused due to the deficiency of

- (a) Vitamin
- (b) Salt
- (c) Hormone
- (d) Water

**Q96.**

Who among the following analysed DNA for the first time ?

- (a) Arthur Comberg
- (b) Hargobind Khurana
- (c) M. W. Nirenberg
- (d) Watson and Krick

**Q97.**

Which among the following bears smallest living cell

- (a) Bacterium
- (b) Mollusk plasma
- (c) Virus
- (d) Yeast

**Q98.**

Yawning occurs

- (a) due to excess concentration of CO<sub>2</sub> in blood
- (b) due to excess concentration of CO<sub>2</sub> in lungs

- (c) due to excess concentration of CO<sub>2</sub> in lungs  
(d) None of these

**Q99.**

Which among the following living being has respiratory organ but does not have brain ?

- (a) crab  
(b) starfish  
(c) blood sucker  
(d) silverfish

**Q100.**

Which vitamin helps in blood coagulation?

- (a) Vitamin-A  
(b) Vitamin-C  
(c) Vitamin-K  
(d) Vitamin-E

**Q101.**

A substance that stimulates the production of antibodies when introduced into a living organism is known as

- (a) carcinogen  
(b) androgen  
(c) antigen  
(d) estrogen

**Q102.**

Darwin finches refer to a group of

- (a) Fishes  
(b) Lizards  
(c) Birds  
(d) Amphibians

**Q103.**

The tissue in man where no cell division occurs after birth is

- (a) skeletal  
(b) nerves  
(c) connective  
(d) germinal

**Q104.**

The source of oxygen generated during photosynthesis is :

- (a) water  
(b) carbon dioxide  
(c) chlorophyll  
(d) mesophyll cells

**Q105.**

Which one of the following elements is associated with teeth disorder?

- (a) Chlorine  
(b) Fluorine  
(c) Bromine  
(d) Iodine

**Q106.**

Which one of the following is an abnormal constituent of urine ?

- (a) Creatinine  
(b) Urea  
(c) Uric acid  
(d) Ketone bodies

**Q107.**

Which one of the following cells produces antibodies ?

- (a) Eosinophil  
(b) Monocyte  
(c) Basophil  
(d) Lymphocytes

**Q108.**

The Vitamin which helps in clotting of blood is :

- (a) A  
(b) D  
(c) B  
(d) K

**Q109.**

At very high altitude the Red Blood Corpuscles in the human body will:

- (a) increase in size  
(b) decrease in size  
(c) increase in number  
(d) decrease in number

**Q110.**

A test tube baby means :

- (a) a baby grown in a test tube.  
(b) embryo fertilised in uterus and developed in test tube.  
(c) embryo fertilised and developed in uterus.  
(d) fertilisation in vitro and then transplantation in the uterus.

**Q111.**

The metal present in insulin is

- (a) Copper  
(b) iron  
(c) Zinc  
(d) Magnesium

**Q112.**

Roundworm is a human parasite found in the

- (a) Small Intestine  
(b) Liver  
(c) Stomach  
(d) Large intestine

**Q113.**

Which of the following is a rich source of Vitamin B12?

- (a) Cashew nut  
(b) milk  
(c) Apple  
(d) Watermelon

**Q114.**

What is the number of chromosomes in a normal human body

- (a) 43

(b)44

(c)45

(d)46

**Q115.**

xerophthalmia Is a deficiency disease caused by lack of

(a)Vitamin A

(b) Vitamin B

(c)Vitamin C

(d) Vitamin D

**Q116.**

Out of the following glands which is referred to as the mastergland

(a)Thyroid

(b) Adrenal gland

(c) Pituitary

(d) Pancreas

**Q117.**

What is an antibiotic?

(a)A chemical compound produced by a living

organism(that inhibits the growth of other organisms

(b)A compound synthesized by a living organism that inhibits the growth of microbes

(c)A synthetic compound inhibiting the growth of other organisms

(d) A synthetic compound inhibiting the growth of bacteria

**Q118.**

Carbohydrate is stored in the body as

(a)glucose

(b) starch

(c) glycogen

(d) sucrose

**Q119.**

Which was the first enzyme isolated in pure crystalline form ?

(a)Amylase

(b)Catalase

(c)Lipase

(d)Clrease

**Q120.**

Process of digestion is helped by

(a)Enzyme

(b)Hormone

(c)Mineral

(d)(4)Vitamin

**Q121.**

Which is the organ that excretes water fat and various catabolic wastes?

(a)Kidney

(b) Skin

(c)Spleen

(d)Salivary glands

**Q122.**

The animal which uses sounds as its eyes is

(a) Dog

(b) Cat

(c) Snake

(d) Bat

**Q123.**

Pregnant women usually become deficient in

(a)Sodium and Calcium

(b)Iron and Sodium

(c)Calcium and Iron

(d)Magnesium and Iron

**Q124.**

Which components of light area absorbed by chlorophyll ?

(a)Violet and red

(b)indigo and orange

(c)Blue and red

(d)Violet and yellow

**Q125.**

Ginger is a stem and not a root because

(a)It stores food material

(b)It grows horizontal in the soil

(c)It has nodes and internodes

(d)It lacks chlorophyll

**Q126.**

Eyes of potato are useful for

(a)Nutrition

(b) reproduction

(c)Reproduction

(d)Vegetative propagation

**Q127.**

Taenia sodium (Tape worm) lives as a parasite in

(a)Pig

(b)Abdomen of man/ woman

(c)Intestine of man/woman

(d)Liver of man/woman

**Q128.**

An ant can see the objects all around it due to the presence of

(a)Simple Eyes

(b)Eyes over the head

(c)Well-developed eyes

(d)Compound eyes

**Q129.**

What is the approximate time required for a heartbeat ?

(a) 5 second

(b) 8 second

(c) 5 minute

(d) 0 minute

**Q130.**

Which of the following elements is obtained from the sea algae ?

(a)Argon

- (b) Sulphur
- (c) Vanadium
- (d) Iodine

**Q131.**

Which of the following is not a component of chlorophyll ?

- (a) Hydrogen
- (b) Magnesium
- (c) Carbon
- (d) Calcium

**Q132.**

Which of the following is the largest living bird ?

- (a) Peacock
- (b) Ostrich
- (c) Dodo
- (d) Turkey

**Q133.**

In which of the following generally hormone is not found ?

- (a) Rat
- (b) Monkey
- (c) Bacteria
- (d) Cat

**Q134.**

The causative organism of dengue fever is

- (a) Fungus
- (b) Bacteria
- (c) Protozoa
- (d) Virus

**Q135.**

Which of the following is considered to be the best cholesterol ?

- (a) VLDL
- (b) LDL
- (c) HDL
- (d) Triglycerides

**Q136.**

Thalassemia is a hereditary disease. It affects

- (a) Blood
- (b) Spleen
- (c) Lungs
- (d) Heart

**Q137.**

Which of the following represents a food chain involving a producer a vegetarian and a nonvegetarian?

- (a) Grass - Insect - Elephant
- (b) Plant - Rabbit - Tiger
- (c) Fish - Insect - Whale
- (d) Tiger - Rabbit - Owl

**Q138.**

Which of the following makes the skin layer impervious to water ?

- (a) Collagen

- (b) Melanin
- (c) Keratin
- (d) Chitin

**Q139.**

Two richest known sources of edible protein are

- (a) meat and eggs
- (b) milk and vegetables
- (c) soybean and groundnut
- (d) some type of algae and other micro-organisms

**Q140.**

Which of the following weeds has been found useful to check water pollution caused by industrial effluent ?

- (a) Parthenium
- (b) Elephant grass
- (c) Water hyacinth
- (d) Both

**Q141.**

Which of the following is correlated with blood pressure ?

- (a) Liver
- (b) Testis
- (c) Pancreas
- (d) Adrenal

**Q142.**

Which of the following structures present in mammalian skin directly helps in keeping the body warm?

- (a) Pigmented cells
- (b) Sweat glands
- (c) Lymph vessels
- (d) Blood capillaries

**Q143.**

Which from the following diseases usually spreads through milk? "

- (a) Tuberculosis
- (b) Jaundice
- (c) Diphtheria
- (d) Cholera

**Q144.**

Which are the largest fixator of solar energy ?

- (a) Bacteria
- (b) Protozoa
- (c) Fungi
- (d) Green plants

**Q145.**

Which of the following is a correct description of tissue culture ?

- (a) Conservation of forests and plantation
- (b) Growth and propagation of horticultural crops
- (c) Science of cultivating animal tissue in artificial medium
- (d) Protection of wild animals

**Q146.**

Study of field crops is called

- (a) Pomology
- (b) Agronomy
- (c) Olericulture
- (d) Floriculture

**Q147.**

Carrot is orange in colour because

- (a) It grows in the soil
- (b) It is not exposed to sunlight
- (c) It contains carotene
- (d) The entire plant is orange in colour

**Q148.**

Select the bio fertilizer in the following :

- (a) Compost
- (b) Ammonium sulphate
- (c) Cattle dung -
- (d) Algae and blue-green algae

**Q149.**

Full form of the infectious disease SARS is

- (a) Syndrome Associated with Respiratory Symptoms
- (b) Severe Acute Respiratory Syndrome
- (c) Severe Asthmatic Respiratory Syndrome
- (d) Syndrome Alarm on Respiratory System

**Q150.**

Insects responsible for transmitting diseases are called

- (a) Vector
- (b) Transmitter
- (c) Drones
- (d) Conductor

**Q151.**

Camel is a desert animal that can live without water for many days because

- (a) it does not need water
- (b) water is formed in the body due to oxidation of fat
- (c) it has the water sac in the walls of the lumen of stomach
- (d) All of the above

**Q152.**

Which of these components of the blood is responsible for clotting?

- (a) R.B.C.
- (b) Lymphocytes
- (c) Monocytes
- (d) Platelets

**Q153.**

Founder of Homeopathy is

- (a) Samuel Hahnemann
- (b) Hippocrates
- (c) Charaka
- (d) Sushruta

**Q154.**

Development of an egg without fertilization is called

- (a) Gametogenesis
- (b) Parthenogenesis

- (c) Oogenesis
- (d) Metamorphosis

**Q155.**

Match List I with List II and select the correct answer using the codes given below the lists:

**List I : Symptom**

- A. weak sight
- B. anemia
- C. skin problems
- D. breaking of bones

**List II : Cause**

- Deficiency of iron
- Deficiency of vitamin A
- Deficiency of vitamin C
- Deficiency of calcium

(a) A B C D 2413

(b) A B C D 3214

(c) A B C D 3124

(d) A B C D 2341

**Q156.**

In the process of dialysis used on patients with affected kidneys the phenomenon involved is

- (a) Diffusion
- (b) Absorption
- (c) Osmosis
- (d) Electrophoresis

**Q157.**

What is the normal blood sugar level of a human being?

- (a) Close to 10 mg/ml
- (b) 120 -150 mg/ dl
- (c) 80 - 90 mg/ dl
- (d) 150-200 mg/dl

**Q158.**

Literal meaning of the term "Homo Sapiens" is

- (a) Man-The Wise
- (b) Man - The Supreme
- (c) Man - The Omnivore
- (d) Man-The Fool

**Q159.**

During photosynthesis in plants the gas evolved is

- (a) Carbon dioxide
- (b) Nitrogen
- (c) Oxygen
- (d) Hydrogen

**Q160.**

The seeds of certain plants fail to germinate if they do not pass through the digestive tract of fruit-eating birds. This is due to

- (a) hibernation
- (b) seed coat impermeability
- (c) infertility
- (d) vegetative reproduction

**Q161.**

Sucrose content in sugarcane decreases  
**(a)**if high rainfall occurs during the period of growth of the plant  
**(b)**if frost occurs during the period of ripening  
**(c)**if there is fluctuation in temperature during the period of growth of the plant  
**(d)**if there is high temperature during the time of ripening

**Q162.**

The concept of survival of the fittest was first advocated by

- (a)**Oparin
- (b)** Darwin
- (c)** Spencer
- (d)** Haeckel

**Q163.**

Deficiency of vitamin D in children causes

- (a)**beriberi
- (b)**pellagra
- (c)**rickets
- (d)**scurvy

**Q164.**

In man the normal number of chromosomes is

- (a)**42
- (b)**44
- (c)**46
- (d)**48

**Q165.**

Scurvy is a disease which is caused due to the deficiency of vitamin

- (a)**A
- (b)**K
- (c)**C
- (d)**B12

**Q166.**

Respiration is

- (a)**oxidation
- (b)** reduction
- (c)** hydrolysis
- (d)** amination

**Q167.**

During photosynthesis green plants absorb

- (a)**nitrogen
- (b)**carbon dioxide
- (c)**carbon monoxide
- (d)**oxygen

**Q168.**

Tamiflu is frontline drug against

- (a)**bird flu
- (b)** cancer
- (c)** AIDS
- (d)** polio

**Q169.**

Why excessive heating and repeated use Of cooking oil are most undesirable?

- (a)**The oil vapour can cause indoor pollution
- (b)**Carcinogenic substances like benzpyrene are produced
- (c)**Nutrient value of food is lost
- (d)**Loss and wastage of oil

**Q170.**

The name of the first cloned sheep was

- (a)**Molly
- (b)** Dolly
- (c)** Jolly
- (d)** Roly

**Q171.**

Through Photosynthesis green plants generate

- (a)**inorganic materials.
- (b)**minerals
- (c)**organic materials
- (d)**nutrients

**Q172.**

Lac is produced from

- (a)**a tree
- (b)** an insect
- (c)** an cat
- (d)** a muskrat

**Q173.**

Quarantine regulation is concerned with

- (a)**growing of better varieties of plant
- (b)**prevention of entry of diseased organism
- (c)**spraying of insecticide over diseased plants
- (d)**identification of diseased organism

**Q174.**

Toxicology is related to the study of

- (a)**viruses
- (b)** bacteria
- (c)** diseases
- (d)** poisons

**Q175.**

Which of the following hormones is released in excess quantity during excitement ?

- (a)**Cortisone
- (b)** Serotonin
- (c)** Adrenaline
- (d)** Oestrogen

**Q176.**

Scientific study of birds is known as

- (a)**Limnology
- (b)** Herpetology
- (c)** Malacology
- (d)** Ornithology

**Q177.**

Which one of the following is a nonpoisonous of snake ?

- (a)**Cobra

- (b) Dryophis
- (c) Elapes
- (d) Python

**Q178.**

Which among the following is used in the treatment of tuberculosis ?

- (a) Penicillin
- (b) Aspirin
- (c) Paracetamol
- (d) Dettol

**Q179.**

Which part of human body is first highly affected by nuclear radiation?

- (a) Eyes
- (b) Lungs
- (c) Skin
- (d) Bone Marrow

**Q180.**

Olive Ridley is a famous

- (a) cricketer
- (b) turtle species
- (c) grass type vegetation
- (d) Another name for olive tree

**Q181.**

The standard audible capacity of a healthy human being as per World Health Organisation is in the range of

- (a) 45-50 decibels
- (b) 200-250 decibels
- (c) 5-10 decibels
- (d) 2000-2500 decibels

**Q182.**

Jonas Salk invented the vaccine for

- (a) Polio
- (b) Hepatitis
- (c) Typhoid
- (d) Cholera

**Q183.**

Cancer is a disease where we find uncontrolled

- (a) cell division
- (b) cell swelling
- (c) cell inflammation
- (d) cell deformity

**Q184.**

Lac which is used as sealing wax is produced by

- (a) stem
- (b) root
- (c) insect
- (d) bird°

**Q185.**

Triple vaccine is administered to a new born child to immunize it against

- (a) whooping cough tetanus and measles
- (b) whooping cough tetanus and diphtheria

- (c) tetanus diphtheria measles- and rubella
- (d) tetanus diphtheria small pox and rubella

**Q186.**

An antibiotic is

- (a) a chemical synthesized by a human cell against a microorganism
- (b) a chemical synthesized by a micro-organism against an-x other micro-organisms
- (c) a substance produced by blood cells against bacteria
- (d) a substance produced by blood cells against infection.

**Q187.**

Which one of the following can be synthesized by Liver ?

- (a) Vitamin-A
- (b) Vitamin-E
- (c) Vitamin-D
- (d) Vitamin - K

**Q188.**

Fluid part of blood devoid of corpuscles is called

- (a) Tissue fluid
- (b) Plasma
- (c) Serum
- (d) Lymph

**Q189.**

Heart murmur indicates a

- (a) defective valve
- (b) poor oxygenation
- (c) dislocation of the heart
- (d) improper development of muscles

**Q190.**

The language used in writing the scientific name of animals is

- (a) French
- (b) Latin
- (c) German
- (d) Dutch

**Q191.**

Ripe grapes contain

- (a) Fructose
- (b) Sucrose
- (c) Galactose
- (d) Glucose

**Q192.**

M.R.I. stands for

- (a) Metered Resonance Imaging
- (b) Magnetic Resonance Imaging
- (c) Magnetic Reaction Imaging
- (d) Metered Reaction Imaging

**Q193.**

The science dealing with the study of teeth is

- (a) Odontology
- (b) Ornithology
- (c) Phenology

**(d)** Cosmology

**Q194.**

The enzyme in whose presence glucose and fructose are converted into alcohol is

- (a)** Diastase
- (b)** Maltase
- (c)** Invertase
- (d)** Zymase

**Q195.**

The study of visceral organs is

- (a)** Angiology
- (b)** Arthrology
- (c)** Anthrology
- (d)** Splanchnology

**Q196.**

The branch of biology dealing with the study of cells is known as

- (a)** Cytology
- (b)** Histology
- (c)** Psychology
- (d)** Physiology

**Q197.**

The study of extinct animals is called

- (a)** Herpetology
- (b)** Ornithology
- (c)** Geology
- (d)** Palaeontology

**Q198.**

The medical term used for the sleeplessness is

- (a)** Somnambulism
- (b)** Insomnia
- (c)** Hallucination
- (d)** Nyctinuria

**Q199.**

The causative agent of Tuberculosis is

- (a)** Mycobacterium
- (b)** Aspergillus
- (c)** Rhabdovirus
- (d)** HIV

**Q200.**

The enzyme that is present in the saliva of man is

- (a)** Pepsin
- (b)** Renin
- (c)** Amylase
- (d)** Trypsin

**Q201.**

Blood cancer is otherwise called as

- (a)** Anaemia
- (b)** Polycythemia
- (c)** Leucopenia
- (d)** Leukaemia

**Q202.**

Radioimmunoassay (RIA) is a therapy used

- (a)** to cure lung cancer
- (b)** to cure AIDS
- (c)** to cure fractures in bones
- (d)** to detect antibodies and hormones present in the blood samples

**Q203.**

Which one of the following is not a true snake ?

- (a)** Glass snake
- (b)** Sea snake
- (c)** Tree snake
- (d)** Blind snake

**Q204.**

Which one of the following set belongs to the class Mammalia ?

- (a)** Lion Hippopotamus Penguin Bat.
- (b)** Lion Bat Whale Ostrich
- (c)** Hippopotamus Penguin Whale Kangaroo
- (d)** Whale Bat Kangaroo Hippopotamus

**Q205.**

Which one of the following pairs belongs to cartilaginous fish ?

- (a)** Shark and Tuna
- (b)** Shark and Ray
- (c)** Skates and Hilsa
- (d)** Ray and Eel

**Q206.**

Which of the following has no skeleton at all ?

- (a)** Star fish
- (b)** Sponge
- (c)** Jellyfish
- (d)** Silver fish

**Q207.**

What is an endoscope ?

- (a)** It is an optical instrument used to see inside the alimentary canal
- (b)** It is a device which is fitted on the chest of the patient to regularize the irregular heart beats
- (c)** It is an instrument used for examining ear disorders
- (d)** It is an instrument for recording electrical signals produced by human muscles

**Q208.**

The age of a tree can be determined more or less accurately by

- (a)** counting the number of branches
- (b)** measuring the height of the tree
- (c)** measuring the diameter of the trunk
- (d)** counting the number of rings in the trunk

**Q209.**

Of all microorganisms the most adaptable and versatile are

- (a)** Viruses
- (b)** Bacteria
- (c)** Algae

**(d)** Fungi

**Q210.**

The disease in which the sugar level of blood increases is known as

- (a)** Diabetes mellitus
- (b)** Diabetes insipidus
- (c)** Diabetes imperfectus
- (d)** Diabetes sugarensis

**Q211.**

Which one of the following is not a mosquito borne disease?

- (a)** Dengue fever
- (b)** Filariasis
- (c)** Sleeping sickness
- (d)** Malaria

**Q212.**

Which one of the following is the tallest bird?

- (a)** Peacock
- (b)** Penguin
- (c)** Ostrich
- (d)** Emu

**Q213.**

Which one of the following animals is called farmer's friend?

- (a)** Ant
- (b)** Earthworm
- (c)** Bee
- (d)** Butterfly

**Q214.**

The term gene was coined by

- (a)** T. H. Morgan
- (b)** W. L. Johanssen
- (c)** G. Mendel
- (d)** De Vries

**Q215.**

Which one of the following creatures has maximum number of ribs?

- (a)** Crocodile
- (b)** Snake
- (c)** Ray fish
- (d)** Flying mammal

**Q216.**

Which one of the following is most important for the growth of children up to the age of 14?

- (a)** Protein
- (b)** Vitamin
- (c)** Fat
- (d)** Milk

**Q217.**

Study of newly born up to the age of 3 months is called

- (a)** Chorology
- (b)** Conchology
- (c)** Nematology

**(d)** Neonatology

**Q218.**

Which one of the following does not secrete any digestive enzyme?

- (a)** Liver
- (b)** Salivary gland
- (c)** Glands of small intestine
- (d)** Pancreas

**Q219.**

Which one of the following is related to silviculture?

- (a)** Culture of Hilsa
- (b)** Culture of silver carp
- (c)** Culture of oil-producing plants
- (d)** Forest crops

**Q220.**

The term GM food refers to the food

- (a)** that grows under genetic measures
- (b)** that is genetically modified
- (c)** that grows under geographical modification
- (d)** with greater glucose metabolism

**Q221.**

Which one of the following is a fish?

- (a)** Silverfish
- (b)** Starfish
- (c)** Dogfish
- (d)** Cuttlefish

**Q222.**

The colour of human skin is produced by

- (a)** Hemoglobin
- (b)** Insulin
- (c)** Adrenaline
- (d)** Melanin

**Q223.**

Which one of the following is not transmitted via blood transfusion?

- (a)** Hepatitis
- (b)** Typhoid
- (c)** HIV
- (d)** Malaria

**Q224.**

Flat footed camels can walk easily in sandy deserts because

- (a)** pressure on the sand is decreased by increasing the area of the surface in contact
- (b)** pressure on the sand is increased by increasing the area of the surface in contact
- (c)** pressure on the sand is decreased by decreasing the area of the surface in contact
- (d)** pressure on the sand is increased by decreasing the area of the surface in contact

**Q225.**

Which one of the following is not a plant product?

- (a)** Caffeine

- (b) Pipeline
- (c) Nicotine
- (d) Saccharin

**Q226.**

Which is the anticoagulant substance in blood?

- (a) Fibrinogen
- (b) Heparin
- (c) Thrombin
- (d) Globin

**Q227.**

In which of the following groups animals bear no teeth?

- (a) Peacock Ostrich Tortoise
- (b) Owl Loris Crow
- (c) Alligator Turtle Tortoise
- (d) Turtle Kiwi Cow

**Q228.**

Jaundice is a symptom of disease of

- (a) Kidney
- (b) Liver
- (c) Pancreas
- (d) Thyroid

**Q229.**

The vaccination against small pox involves the introduction of

- (a) killed germs
- (b) weakened germs
- (c) live antibodies
- (d) activated germs

**Q230.**

Deficiency of Vitamin B<sub>6</sub> in man causes

- (a) rickets
- (b) scurvy
- (c) beri-beri
- (d) anaemia

**Q231.**

First successful heart transplantation was done by

- (a) D.S. Paintal
- (b) C.N. Barnard
- (c) D. Shetty
- (d) P. K. Sen

**Q232.**

Washing of peeled vegetables removes the vitamin

- (a) A
- (b) C
- (c) D
- (d) E

**Q233.**

A man with colour blindness will see red as

- (a) Yellow
- (b) Blue
- (c) Green
- (d) Violet

**Q234.**

The metal which is a constituent of vitamin B<sub>12</sub> is

- (a) Iron
- (b) Magnesium
- (c) Zinc
- (d) Cobalt

**Q235.**

According to WHO the bird flu virus cannot be transmitted through food cooked beyond

- (a) 60 degrees Celsius
- (b) 70 degrees Celsius
- (c) 90 degrees Celsius
- (d) 100 degrees Celsius

**Q236.**

The number of chambers in a human heart is

- (a) Four
- (b) Two
- (c) Three
- (d) Five

**Q237.**

A universal recipient belongs to the blood group

- (a) AB
- (b) O
- (c) B
- (d) A

**Q238.**

The vitamin that helps in blood clotting is

- (a) Vitamin C
- (b) Vitamin D
- (c) Vitamin E
- (d) Vitamin K

**Q239.**

Which of the following is a perfect match ?

- (a) Coronary attack - vascular dilation
- (b) Atherosclerosis - blockage of arteries
- (c) Hypertension - low blood pressure
- (d) Hypotension - heart attack

**Q240.**

Which of the following is correct about cold blooded animals ?

- (a) Their blood remains cold all the time
- (b) Their body temperature changes in accordance with the atmosphere
- (c) Their body temperature remains constant all the time
- (d) They kill all the animals they come across

**Q241.**

If the blood group of one parent is AB and that of the other O the possible blood group of their child would be

- (a) A or B
- (b) A or B or O
- (c) A or AB or O
- (d) A or B or AB or O

**Q242.**

How many bones are there in the human body?

- (a) 187
- (b) 287
- (c) 206
- (d) 306

**Q243.**

Dinosaurs were

- (a) mammals that became extinct
- (b) large herbivorous creatures which gave rise to hippopotamus species
- (c) egg-laying mammals
- (d) reptiles that became extinct

**Q244.**

Sweat glands in mammals are primarily concerned with

- (a) removal of excess salts
- (b) excretion of nitrogenous wastes
- (c) thermoregulation
- (d) sex-attraction

**Q245.**

The vitamin that helps to prevent infections in the human body is

- (a) vitamin A
- (b) vitamin B
- (c) vitamin C
- (d) vitamin D

**Q246.**

The normal RBC count in adult male is

- (a) 5 million
- (b) 0 million
- (c) 5 million
- (d) 0 million

**Q247.**

Which of the following is the sweetest sugar ?

- (a) Sucrose
- (b) Glucose
- (c) Fructose
- (d) Maltose

**Q248.**

The H5N1 virus which causes bird flu was first discovered in

- (a) 1991
- (b) 1995
- (c) 1997
- (d) 2001

**Q249.**

Tetanus is caused by

- (a) Clostridium
- (b) Virus
- (c) Bacteriophage
- (d) Salmonella

**Q250.**

Vitamin E is particularly important for

- (a) development of teeth

(b) carbohydrate metabolism

(c) normal activity of sex glands

(d) general health of epithelial tissues

**Q251.**

Birds usually have a single

- (a) Kidney
- (b) Lung
- (c) Testis
- (d) Ovary

**Q252.**

Blood pressure is controlled by

- (a) Adrenal gland
- (b) Thyroid gland
- (c) Thymus
- (d) Corpus Luteum

**Q253.**

The carbon dioxide content in the air that we exhale is about

- (a) 4%
- (b) 8%
- (c) 12%
- (d) 16%

**Q254.**

Maximum harm to a tree is caused by

- (a) Loss of half of its leaves
- (b) loss of all leaves
- (c) loss of half of its branches
- (d) loss of its bark

**Q255.**

Mineral constituent of chlorophyll is

- (a) Iron
- (b) Magnesium
- (c) Calcium
- (d) Potassium

**Q256.**

Which of the part of tongue bears cells for sour taste ?

- (a) Front
- (b) Back
- (c) Sides
- (d) Middle

**Q257.**

The deficiency of Vitamin B causes

- (a) Scurvy
- (b) Dermatitis
- (c) Beri Beri
- (d) Phynoderma

**Q258.**

In which vertebrate oxygenated and deoxygenated blood gets mixed?

- (a) Fish
- (b) Amphibian
- (c) Bird
- (d) Mammal

**Q259.**

The large amount of sugar present in human blood is

- (a) sucrose
- (b) glucose
- (c) fructose
- (d) lactose

**Q260.**

Which one of the following is a viral disease in man ?

- (a) Mumps
- (b) plague
- (c) Cholera
- (d) Syphilis

**Q261.**

The expansion for AIDS is

- (a) Active Immuno Deficiency Syndrome
- (b) Acquired Individual Disease Syndrome
- (c) Acquired Immuno Deficiency Syndrome
- (d) Acquired Immuno Disease Syndrome

**Q262.**

Bee Keeping is known as

- (a) Sericulture
- (b) Apiculture
- (c) Aquaculture
- (d) Agriculture

**Q263.**

HYV refers to

- (a) Hybrid yielding variety
- (b) Human yellow virus
- (c) High yielding variety
- (d) Human yellow vaccine

**Q264.**

Among the defects of eye the shortsightedness is called

- (a) coma
- (b) hypermetropia
- (c) myopia
- (d) astigmatism

**Q265.**

Human cloning is permitted in Britain for the purpose of

- (a) Reproduction
- (b) Research
- (c) Therapeutics
- (d) Genetics

**Q266.**

Pick out the viral disease among the following:

- (a) Hepatitis
- (b) Meningitis
- (c) Arthritis
- (d) Nephritis

**Q267.**

Dolly the World's First cloned animal was a

- (a) sheep
- (b) cow

(c) goat

(d) pig

**Q268.**

Vegetables are easily perishable because of their high content of

- (a) sugars
- (b) water
- (c) vitamins
- (d) enzymes

**Q269.**

Anaemia occurs due to the deficiency of

- (a) riboflavin
- (b) thiamine
- (c) folic acid
- (d) niacin

**Q270.**

For a healthy heart one needs to take a balanced diet adequate sleep and

- (a) indulge in vigorous mental activities
- (b) play games like carrom chess and cards
- (c) do right amount of physical exercise
- (d) do sedentary work

**Q271.**

AIDS is a/ an

- (a) bacterial disease
- (b) viral disease
- (c) fungal disease
- (d) algal disease

**Q272.**

Amoebic dysentery is caused by

- (a) Entamoeba histolytic
- (b) Salmonella typhi
- (c) E coil
- (d) Streptococcus pyogenes

**Q273.**

DNA test was developed by

- (a) Dr. Alec Jeffreys
- (b) pr. V.K. Kashyap
- (c) Watson and Crick
- (d) Gregor Mendel

**Q274.**

An ECG shows the functioning of the

- (a) brain
- (b) heart
- (c) lungs
- (d) kidneys

**Q275.**

Which of the following is incorrect?

- (a) AIDS is retroviral disease
- (b) AIDS is transmitted by homo and hetero-sexual contact
- (c) AIDS was first recognised in USA in 1981
- (d) AIDS causes ano-genital warts

**Q276.**

If the radius of blood vessels of a person decreases his/her blood pressure will

- (a) increase
- (b) decrease
- (c) remain unaffected
- (d) increase for males and decrease for females

**Q277.**

Cell or tissue death within a living body is called as

- (a) Neutrophilia
- (b) Nephrosis
- (c) Necrosis
- (d) Neoplasia

**Q278.**

Insufficient blood supply In human body is referred as

- (a) Ischemia
- (b) Hyperemia
- (c) Hemostasia
- (d) Hemorrhage

**Q279.**

Deep fried food materials are carcinogenic because they are rich in

- (a) Fats
- (b) Hydrocarbons
- (c) Cooking oil
- (d) Nicotine

**Q280.**

The toxicity of which of the following heavy metals leads to liver cirrhosis?

- (a) Copper
- (b) Lead
- (c) Mercury
- (d) Zinc

**Q281.**

Typhoid is caused by

- (a) Pseudomonas sp.
- (b) Staphylococcus
- (c) Bacillus
- (d) Salmonella typhi

**Q282.**

BCG immunization is for

- (a) Measles
- (b) Tuberculosis
- (c) Diphtheria
- (d) Leprosy

**Q283.**

Besides carbohydrates a major source of energy in our food is constituted by

- (a) Proteins
- (b) Fats
- (c) Minerals
- (d) Vitamins

**Q284.**

The limb bones of children become bent if there is deficiency of vitamin

- (a) a
- (b) b
- (c) D
- (d) E

**Q285.**

A medicine which promotes the secretion of urine is called

- (a) Adrenaline
- (b) Monouretic
- (c) Diuretic
- (d) Triuretic

**Q286.**

The chemicals released by one species of animals in order to attract the other members of the same species are

- (a) Hormones
- (b) Nucleic acids
- (c) Pheromones
- (d) Steroids

**Q287.**

Jaundice is caused due to the infection of

- (a) Brain
- (b) Liver
- (c) Kidney
- (d) Spleen

**Q288.**

The average heart beat rate per minute in a normal person is

- (a) 82
- (b) 92
- (c) 72
- (d) 98

**Q289.**

EEG records the activity of

- (a) heart
- (b) lungs
- (c) brain
- (d) muscles

**Q290.**

The colour of cow s milk is slightly yellow due to the presence of

- (a) Xanthophyll
- (b) Riboflavin
- (c) Ribulose
- (d) Carotene

**Q291.**

Which one of these is a communicable disease ?

- (a) Diabetes
- (b) Diphtheria
- (c) Arthritis
- (d) Cancer

**Q292.**

The concentration of which of the following decreases in anemia ?

- (a) Hemoglobin
- (b) Collagen
- (c) Hyoglobin
- (d) Myosin

**Q293.**

Which of the following diseases usually spreads through air ?

- (a) Plague
- (b) Typhoid
- (c) Tuberculosis
- (d) Cholera

**Q294.**

Cereals are a rich source of

- (a) Starch
- (b) Glucose
- (c) Fructose
- (d) Maltose

**Q295.**

Small Pox is caused by

- (a) Rubeola Virus
- (b) Variola Virus
- (c) Varicella
- (d) Myxovirus

**Q296.**

Respiration process requires

- (a) heat
- (b) water
- (c) oxygen
- (d) sunlight

**Q297.**

A vitamin requires cobalt for its activity. The vitamin is

- (a) Vitamin B<sub>12</sub>
- (b) Vitamin D
- (c) Vitamin B<sub>2</sub>
- (d) Vitamin A

**Q298.**

Plasma membrane in eukaryotic cells is made up of

- (a) Phospholipid
- (b) Lipoprotein
- (c) Phospholipo-protein
- (d) Phospho-protein

**Q299.**

Which one of the following is also called the power plants of the cell?

- (a) Golgi body
- (b) Mitochondrion
- (c) Ribosome
- (d) Lysosome

**Q300.**

What is the chemical name of vinegar ?

- (a) Citric acid
- (b) Acetic acid
- (c) Pyruvic acid
- (d) Malic acid

**Q301.**

Animals living in the three trunks are known as

- (a) Arboreal
- (b) Volant
- (c) Amphibious
- (d) Aquatics

**Q302.**

What happens to a person who receives the wrong type of blood?

- (a) All the arteries constrict
- (b) All the arteries dialates
- (c) The RBCs agglutinate
- (d) The spleen and lymphnodes deteriorate

**Q303.**

Ringworm is a disease.

- (a) Bacterial
- (b) Protozoan
- (c) Viral
- (d) Fungal

**Q304.**

Pituitary gland is situated In

- (a) the base of the heart
- (b) the base of the brain
- (c) the neck
- (d) the abdomen

**Q305.**

From which part of the plant is clove the commonly used spice obtained ?

- (a) Fruit
- (b) Flower bud
- (c) Stem
- (d) Root

**Q306.**

Chewing gum is made from

- (a) Resin
- (b) Tannin
- (c) Latex
- (d) Gum

**Q307.**

The brain of human adult weighs about

- (a) 1200- 1300 gm
- (b) 1600 - 2000 gm
- (c) 500 -800 gm
- (d) 100-200 gm

**Q308.**

Total number of bones In man is

- (a) 206
- (b)

- (c) 300
- (d) 306

**Q309.**

Which of the following Snakes killed for its beautiful skin has been declared an endangered species ?

- (a) Python
- (b) King Cobra
- (c) Russel Viper
- (d) Krait

**Q310.**

The colour of the eye depends upon the pigment present in

- (a) cornea
- (b) iris
- (c) rods
- (d) cones

**Q311.**

The ability of the eye to see in the dark is due to the production of a purple pigment known as

- (a) Carotene
- (b) Rhodopsin
- (c) Iodopsin
- (d) Retinene

**Q312.**

The vitamin most readily destroyed by heat is

- (a) Riboflavin
- (b) Ascorbic acid
- (c) Tocopherol
- (d) Thiamine

**Q313.**

Which one of the following is not a vaccine ?

- (a) BCG
- (b) Anti-rabies
- (c) Polio vaccine
- (d) Progesterone

**Q314.**

The disease that is caused by virus is

- (a) Typhoid
- (b) Cholera
- (c) Common Cold
- (d) Tetanus

**Q315.**

The locomotory organ of Amoeba is

- (a) Pseudopodia
- (b) Parapodia
- (c) Flagella
- (d) Cilia

**Q316.**

The number of chromosomes present in normal human being are

- (a) 23
- (b) 46
- (c) 22

- (d) 48

**Q317.**

An instrument for measuring blood pressure is called

- (a) Barometer
- (b) Spirometer
- (c) Sphygmomanometer
- (d) Haemocytometer

**Q318.**

The term RH factor refers to

- (a) Rhesus factor
- (b) Rheumatoid factor
- (c) Renal factor
- (d) Rhombic factor

**Q319.**

The discoverer of penicillin was

- (a) Lord Lister
- (b) Alexander Fleming
- (c) Karl Landsteiner
- (d) Walter Reed

**Q320.**

370 Blood groups were discovered by

- (a) Altmann
- (b) Landsteiner
- (c) Losch
- (d) Ronald Ross

**Q321.**

The animal which can tolerate more summer heat is

- (a) Buffalo
- (b) Cow
- (c) Goat
- (d) Donkey

**Q322.**

According to Darwin's Theory of Evolution long necks in giraffes

- (a) arose because of constant attempt to reach leaves on tall trees generation after generation
- (b) do not give them any special advantage and is just an accident
- (c) give them advantage in finding food because of which those with long necks survive
- (d) is a result of the special weather prevalent in African Savannah

**Q323.**

Rickets is the deficiency disease of Vitamin D in which the affected part is the

- (a) skin
- (b) hair
- (c) bone
- (d) blood

**Q324.**

The dried flower buds are used as a spice in

- (a) Cardamom
- (b) Cinnamon

- (c) Cloves
- (d) Saffron

**Q325.**

The tissue in man where no cell division occurs after birth is

- (a) skeletal
- (b) nerves
- (c) connective
- (d) germinal

**Q326.**

DNA fingerprinting is used to identify the

- (a) Parents
- (b) Rapist
- (c) Thieves
- (d) All the above

**Q327.**

The normal cholesterol level in human blood is

- (a) 80 - 120 mg%
- (b) 120 - 140 mg%
- (c) 140 - 180 mg%
- (d) 180 - 200 mg%

**Q328.**

Which of the following are warmblooded animals ?

- (a) Whales
- (b) Whale Sharks
- (c) Alytes
- (d) Draco

**Q329.**

Syrinx is the voice box in

- (a) Amphibians
- (b) Reptiles
- (c) Birds
- (d) Mammals

**Q330.**

In a food chain the solar energy utilized by plants is only

- (a) 10 per cent
- (b) 1 per cent
- (c) 1 per cent
- (d) 01 per cent

**Q331.**

Which is the largest living bird on Earth?

- (a) Emu -
- (b) Ostrich
- (c) Albatross
- (d) Siberian Crane

**Q332.**

383 In coriander the useful parts are

- (a) roots & leaves
- (b) leaves & flowers
- (c) leaves & dried fruits
- (d) flowers & dried fruits

**Q333.**

Which plant is called Herbal Indian Doctor ?

- (a) Amla
- (b) Mango
- (c) Neem
- (d) Tulsi

**Q334.**

The PH of human blood is

- (a) 2
- (b) 8
- (c) 6
- (d) 4

**Q335.**

Which amongst the following is largest endocrine gland in the body?

- (a) Thyroid
- (b) Parathyroid
- (c) Adrenal
- (d) Pituitary

**Q336.**

Which amongst the following is the largest mammal ?

- (a) Elephant
- (b) Whale
- (c) Dinosaur
- (d) Rhinoceros

**Q337.**

Which part becomes modified as the tusk of elephant ?

- (a) Canine
- (b) Premolar
- (c) Second incisor
- (d) Molar

**Q338.**

The noble gas used for the treatment of cancer is

- (a) Helium
- (b) Argon
- (c) Krypton
- (d) Radon

**Q339.**

BT seed is associated with

- (a) Rice
- (b) Wheat
- (c) Cotton
- (d) Oil seeds

**Q340.**

Bark of this tree is used as a condiment:

- (a) Cinnamon
- (b) Clove
- (c) Neem
- (d) Palm

**Q341.**

Which of the following is the smallest bird?

- (a) Pigeon
- (b) Parrot

- (c) Hummingbird
- (d) House sparrow

**Q342.**

White lung disease is prevalent among the workers of:

- (a) paper industry
- (b) Cement industry
- (c) Cotton industry
- (d) Pesticide Industry

**Q343.**

Iodoform is used as an :

- (a) antipyretic
- (b) analgesic
- (c) antiseptic
- (d) anesthetic

**Q344.**

The optimum dissolved oxygen level (in mg/litre) required for survival of aquatic organisms is :

- (a) 4-6
- (b) 2-4
- (c) 8-10
- (d) 12-16

**Q345.**

An example of false fruit is

- (a) Apple
- (b) Guava
- (c) Mango
- (d) Tomato

**Q346.**

Normal fasting blood sugar level per 100 ml. of blood in man is

- (a) 30 - 50 mg
- (b) 50 - 70 mg
- (c) 80-100 mg
- (d) 120 -140 mg

**Q347.**

The vector of disease sleeping sickness is

- (a) sand-fly
- (b) house-fly
- (c) fruit-fly
- (d) tsetse fly

**Q348.**

For how many years have the dinosaurs been extinct ?

- (a) About 25 million years
- (b) About 65 million years
- (c) About 35 million years
- (d) About 45 million years

**Q349.**

Which phenomenon do bats or dolphins use to find prey predators or obstacles ?

- (a) Refraction of sound
- (b) Formation of beats
- (c) Scattering of sound
- (d) Echo location

**Q350.**

The tallest and thickest type of grass is

- (a) Alfalfa
- (b) Fodder
- (c) Bamboo
- (d) Lichens

**Q351.**

The process of preventing the birds from flying is called

- (a) brailing
- (b) debeaking
- (c) dubbing
- (d) pecking

**Q352.**

Veins seen in the leaves serve the function of

- (a) Photosynthesis
- (b) Transpiration
- (c) Storage
- (d) Conduction

**Q353.**

The edible part of Cabbage is

- (a) fruit
- (b) condensed flower
- (c) vegetative bud
- (d) inflorescence

**Q354.**

Which of the following processes are associated with plants during dark period?

- (a) Photosynthesis and respiration
- (b) Respiration and transpiration
- (c) Transpiration and conduction
- (d) Conduction and respiration

**Q355.**

Goitre is caused by the deficiency of

- (a) Iodine
- (b) Chlorine
- (c) Sodium
- (d) Calcium

**Q356.**

The total number of biosphere reserves present in India are

- (a) eleven
- (b) ten
- (c) fifteen
- (d) twelve

**Q357.**

The green colour of the leaves is due to the presence of

- (a) Proteins
- (b) Lipids
- (c) Chlorophyll
- (d) Carbohydrates

**Q358.**

The edible part of an onion is

- (a) Modified root
- (b) Aerial flower
- (c) Aerial stem.
- (d) Fleshy leaves y

**Q359.**

To which group of blood an universal recipient belongs?

- (a) A group
- (b) B group
- (c) O group
- (d) AB group

**Q360.**

The normal body temperature of human beings is

- (a) 4 °F
- (b) 4 °C
- (c) 4 °F
- (d) 4 °C

**Q361.**

Columba livia is the scientific name of

- (a) Pigeon
- (b) Snake
- (c) Rabbit
- (d) Shark

**Q362.**

Bones are pneumatic in

- (a) Fishes
- (b) Amphibians
- (c) Reptiles
- (d) Birds

**Q363.**

An insect catching plant is :

- (a) Australian Acacia
- (b) Smilax
- (c) Nepenthes
- (d) Nerium

**Q364.**

The method not used as a Biological control is:

- (a) Use of predators of a pest.
- (b) Pheromone traps
- (c) Use of pesticides
- (d) Use of neem extracts

**Q365.**

Wisdom teeth is the :

- (a) 1st molar teeth
- (b) 2nd molar teeth
- (c) 3rd molar teeth
- (d) 4th molar teeth

**Q366.**

The tusk of elephant is an enormously enlarged :

- (a) upper incisor .
- (b) upper canine
- (c) lower canine
- (d) lower incisor

**Q367.**

Scurvy is caused due to the deficiency of :

- (a) Vitamin-D
- (b) Vitamin-K
- (c) Vitamin-E
- (d) Vitamin-C

**Q368.**

Male (Anopheles) mosquito feeds on :

- (a) Blood of man
- (b) Nectar of flower
- (c) Blood of Culex
- (d) Blood of Leech

**Q369.**

Growth of the baby in the uterus is found using

- (a) X-rays
- (b) Gamma rays
- (c) Ultra sound
- (d) Ultraviolet rays

**Q370.**

Besides ear ossicles the cavity of the middle ear in humans contains.

- (a) air
- (b) endolymph
- (c) perilymph
- (d) otoconia

**Q371.**

The percentage of water content in the human blood plasma normally varies from

- (a) 60-64
- (b) 70-75
- (c) 80-82
- (d) 91-92

**Q372.**

"Sodium Pump" operates in

- (a) Muscle contraction
- (b) Heartbeat
- (c) Nerve impulse
- (d) (4) None of the above

**Q373.**

The element which is rich in most leafy vegetables is

- (a) Phosphorous
- (b) Zinc
- (c) Iron
- (d) Calcium

**Q374.**

Polio is caused by

- (a) Bacterium
- (b) Fungus
- (c) Virus
- (d) Insect

**Q375.**

The functions of pacemaker is

- (a) Regulation of Urine formation

- (b) Regulation of digestion
- (c) Initiation of heart beat
- (d) Initiation of respiration

**Q376.**

The best method of disposal of garbage is

- (a) Vermiculture
- (b) Incineration
- (c) Land filling
- (d) Burning -

**Q377.**

In Scorpion poison is present in the

- (a) leg
- (b) hand
- (c) mouth
- (d) sting

**Q378.**

What is the common in AIDS mumps and poliomyelitis?

- (a) Young children get affected most readily
- (b) No effective vaccine has yet been developed for them
- (c) These are caused by viruses
- (d) Their germs can be transmitted through blood transfusions

**Q379.**

Which enzyme converts proteins?

- (a) Pepsin
- (b) Trypsin ?
- (c) Erepsin
- (d) Enterokinase

**Q380.**

The deficiency of iron in man result in

- (a) Anaemia
- (b) Night blindness
- (c) Scurvy
- (d) Rickets

**Q381.**

Protein which renders a cell less susceptible to attack by viruses is called

- (a) Actomyosin
- (b) Chloromycetin
- (c) Hybridomai
- (d) Infeon

**Q382.**

Haemophilia is mostly associated with

- (a) Labourers
- (b) Royal families
- (c) Miners
- (d) Sportsmen

**Q383.**

Approximately how many times each day do our heart valves open and close normally?

- (a) 10000 times
- (b) 100000 times
- (c) 150000 times

- (d) 200000 times

**Q384.**

Normal blood pressure of man is

- (a) 80/120 mm Hg
- (b) 90/140 mm Hg
- (c) 120/160 mm Hg
- (d) 85/120 mm Hg

**Q385.**

Sugarcane plants are usually propagated by vegetative means because

- (a) they do not produce seeds
- (b) it is possible to maintain genetic quality
- (c) the incidence of disease may be reduced
- (d).

**Q386.**

The pigment involved in photosynthetic activity is

- (a) anthocyanin
- (b) fuexanthin
- (c) carotenoid
- (d) chlorophyll

**Q387.**

Free-living nitrogen fixing microorganisms are

- (a) Rhizobia
- (b) Soil fungi
- (c) Vesicular arbuscular mycor-rhiza
- (d) Blue green algae

**Q388.**

Vegetable oils are converted into solid fat (ghee) by

- (a) Hydrolysis
- (b) Addition of agar
- (c) Oxidation using air and a catalyst
- (d) Hydrogenation.

**Q389.**

A drug which helps in controlling fever is

- (a) Ibuprofen
- (b) Penicillin
- (c) Paracetamol
- (d) Corticosteroid

**Q390.**

Identify the correct statement with respect to Biogas.

- (a) Mixture of gases from volcanoes
- (b) Gas produced from certain crude oil wells v
- (c) Gas produced by incomplete combustion of biomass
- (d) Gas produced by fermentation of biomass

**Q391.**

Aspartame is the name of a product used by diabetic patients as a sweetening agent. It belongs to the class of

- (a) Carbohydrates
- (b) Peptides
- (c) Polyhydric alcohols
- (d) Alkaloids

**Q392.**

Which one of the following four secretions is different from the remaining three in regard to its mode of transport from the source gland to the site of action?

- (a) Saliva
- (b) Sweat
- (c) Bile
- (d) Epinephrine

**Q393.**

Hemoglobin is a  
(d) Ovary

**Q395.**

Alfalfa is the name of a kind of

- (a) Forest
- (b) Crop
- (c) Grass
- (d) None of these

**Q396.**

Which cells in our body have the least regenerative power?

- (a) Brain cells
- (b) Muscle cells
- (c) Bone cells
- (d) Liver cells

**Q397.**

Which one of the following pairs is correctly matched ?

- (a) Tetanus - BCG
- (b) Tuberculosis - ATS
- (c) Malaria - Chloroquin
- (d) Scurvy - Thiamine

**Q398.**

The carbon dioxide content in the air that we exhale is about

- (a) 4%
- (b) 8%
- (c) 12%
- (d) 16%

**Q399.**

Blood pressure is controlled by

- (a) Adrenal gland
- (b) Thyroid gland
- (c) Thymus
- (d) Corpus luteum

**Q400.**

The total number of car bones is

- (a) 2
- (b) 4
- (c) 6
- (d) 8

**ANSWERS :**

- |      |      |      |
|------|------|------|
| 1 c  | 2 b  | 3 d  |
| 4 b  | 5 c  | 6 c  |
| 7 a  | 8 a  | 9 a  |
| 10 a | 11 c | 12 d |

- (a) protein
- (b) carbohydrate
- (c) fat
- (d) vitamin

**Q394.**

Birds usually have a single:

- (a) Kidney
- (b) Lung
- (c) Testis

- |       |       |       |
|-------|-------|-------|
| 13 b  | 14 c  | 15 c  |
| 16 d  | 17 a  | 18 c  |
| 19 b  | 20 a  | 21 d  |
| 22 c  | 23 d  | 24 c  |
| 25 c  | 26 c  | 27 a  |
| 28 c  | 29 c  | 30 a  |
| 31 a  | 32 a  | 33 b  |
| 34 a  | 35 b  | 36 c  |
| 37 a  | 38 b  | 39 a  |
| 40 d  | 41 c  | 42 a  |
| 43 b  | 44 a  | 45 a  |
| 46 c  | 47 a  | 48 b  |
| 49 a  | 50 d  | 51 a  |
| 52 b  | 53 d  | 54 b  |
| 55 b  | 56 b  | 57 c  |
| 58 d  | 59 a  | 60 b  |
| 61 a  | 62 c  | 63 a  |
| 64 b  | 65 a  | 66 c  |
| 67 c  | 68 c  | 69 d  |
| 70 d  | 71 d  | 72 d  |
| 73 a  | 74 d  | 75 b  |
| 76 c  | 77 d  | 78 a  |
| 79 b  | 80 c  | 81 b  |
| 82 b  | 83 c  | 84 d  |
| 85 b  | 86 b  | 87 c  |
| 88 d  | 89 a  | 90 b  |
| 91 c  | 92 d  | 93 a  |
| 94 a  | 95 d  | 96 d  |
| 97 a  | 98 a  | 99 b  |
| 100 c | 101 c | 102 c |
| 103 b | 104 a | 105 b |
| 106 d | 107 d | 108 d |
| 109 a | 110 d | 111 c |
| 112 d | 113 b | 114 d |
| 115 a | 116 c | 117 d |
| 118 c | 119 a | 120 a |
| 121 a | 122 d | 123 c |
| 124 a | 125 c | 126 d |
| 127 c | 128 d | 129 b |
| 130 d | 131 d | 132 b |
| 133 d | 134 d | 135 c |
| 136 a | 137 b | 138 c |
| 139 c | 140 c | 141 d |
| 142 c | 143 a | 144 d |

145 c	146 b	147 c	292 a	293 c	294 a
148 d	149 b	150 a	295 b	296 c	297 a
151 d	152 d	153 a	298 a	299 b	300 b
154 b	155 c	156 c	301 a	302 c	303 d
157 b	158 a	159 c	304 b	305 b	306 c
160 b	161 b	162 b	307 a	308 a	309 c
163 c	164 c	165 c	310 b	311 d	312 b
166 a	167 b	168 a	313 d	314 c	315 a
169 b	170 b	171 c	316 b	317 c	318 a
172 b	173 b	174 d	319 b	320 b	321 c
175 c	176 d	177 d	322 a	323 c	324 c
178 a	179 c	180 b	325 b	326 d	327 d
181 c	182 a	183 a	328 a	329 c	330 c
184 c	185 b	186 b	331 b	332 c	333 a
187 d	188 c	189 a	334 d	335 a	336 b
190 b	191 a	192 b	337 c	338 d	339 c
193 a	194 d	195 d	340 a	341 c	342 a
196 a	197 d	198 b	343 c	344 a	345 a
199 a	200 c	201 d	346 c	347 d	348 b
202 d	203 a	204 d	349 d	350 c	351 a
205 b	206 d	207 a	352 d	353 c	354 d
208 d	209 a	210 a	355 a	356 b	357 c
211 c	212 c	213 b	358 d	359 d	360 c
214 b	215 b	216 a	361 a	362 d	363 c
217 d	218 a	219 d	364 c	365 c	366 a
220 b	221 c	222 d	367 d	368 b	369 c
223 b	224 a	225 d	370 a	371 d	372 c
226 b	227 a	228 b	373 c	374 c	375 c
229 b	230 d	231 b	376 c	377 d	378 c
232 b	233 c	234 d	379 b	380 a	381 d
235 b	236 a	237 a	382 b	383 b	384 a
238 d	239 d	240 b	385 a	386 d	387 a
241 a	242 c	243 d	388 d	389 c	390 d
244 c	245 c	246 b	391 b	392 c	393 a
247 c	248 c	249 a	394 d	395 b	396 a
250 c	251 d	252 a	397 c	398 a	399 a
253 a	254 b	255 b	400 c		
256 c	257 c	258 b			
259 b	260 a	261 c			
262 b	263 c	264 c			
265 c	266 a	267 a			
268 b	269 c	270 c			
271 b	272 a	273 c			
274 b	275 d	276 a			
277 c	278 a	279 b			
280 a	281 d	282 b			
283 b	284 c	285 c			
286 c	287 b	288 c			
289 c	290 d	291 b			