

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.

(a) rabbit

Angora wool is extracted from

(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

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) Wooly wolf
- (d) Rhinoceros

Q39.

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

- (a) Clones
- (b) Pure line
- (c) Indeed 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 B₁?

- (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
 - (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) Soyabeen
- (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 CO₂ in blood
- (b) due to excess concentration of CO₂ in lungs

(c) due to excess concentration of CO_2 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

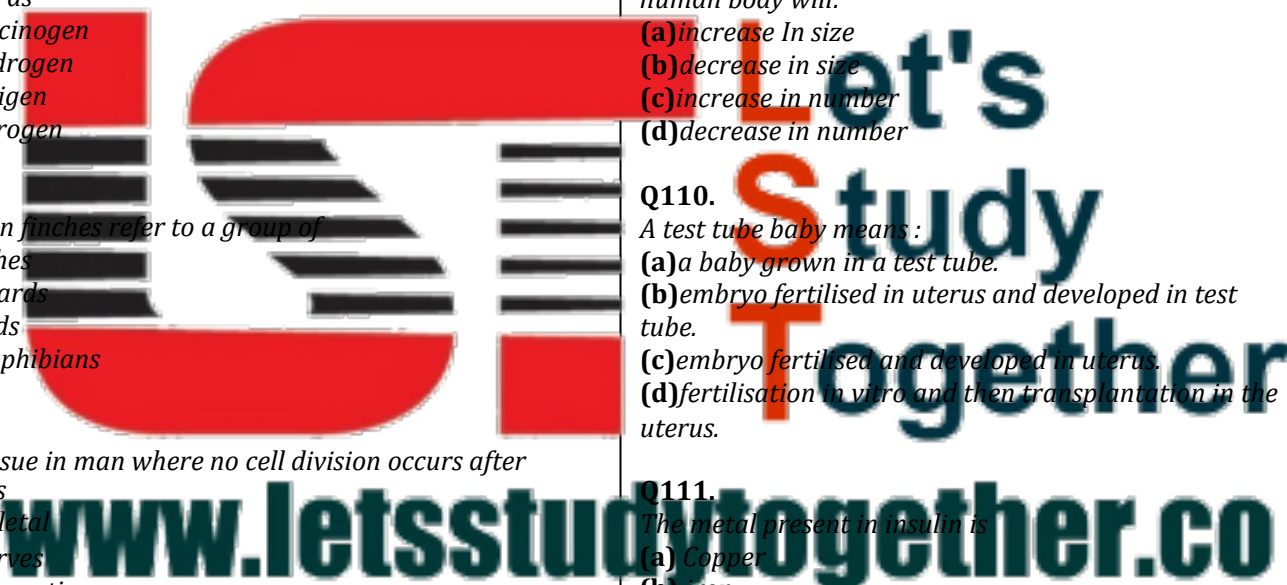
(c) Apple

(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 master gland

- (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) 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 sound 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 are 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 horizontally 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 solium (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

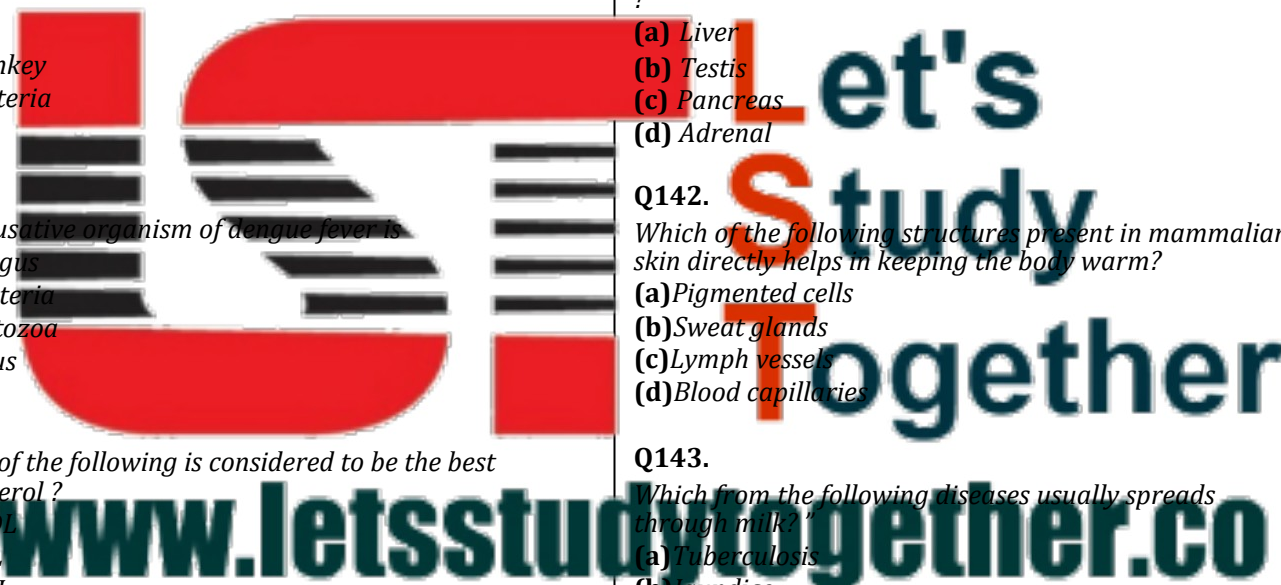
Q145.

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) Opabin
- (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 disease 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 oh 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 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 B₆ 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 B₁₂ 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

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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 coli*
- (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) Monuretic
- (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 B₁₂
- (b) Vitamin D
- (c) Vitamin B₂
- (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 dilates
- (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.

399 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 °F
- (c) 4 °F
- (d) 4 °F

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) Hybridoma
- (d) Interferon

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) fucoxanthin
- (c) carotenoid
- (d) chlorophyll

Q387.

Free-living nitrogen fixing microorganisms are

- (a) Rhizobia
- (b) Soil fungi
- (c) Vesicular arbuscular mycorrhiza
- (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
- (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 a	239 a	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			





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


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