

SCIENCE

CLASS-1

1. Which of these is part of your body?

- A) House B) Finger C) Car D) Toy

2. Who is usually a part of your family?

- A) Teacher B) Neighbour C) Mother D) Pet

3. Which of these is a fruit?

- A) Bread B) Carrot C) Apple D) Cheese

4. Which food helps you build strong bones?

- A) Candy B) Milk C) Chips D) Soda

5. Where do you live?

- A) School B) Park C) House D) Library

6. Which clothing item do you wear on your feet?

- A) Hat B) Shirt C) Shoes D) Gloves

7. What should you do before eating?

- A) Play B) Watch TV C) Wash your hands D) Go to sleep

8. What is the safety rule when crossing the street?

- A) Run quickly B) Look both ways C) Close your eyes D) Walk on the grass

9. Which of these is a living thing?

A) Rock B) Tree C) Chair D) Car

10. Which of these is a non-living thing?

A) Dog B) Flower C) Cloud D) Toy

1	2	3	4	5	6	7	8	9	10
B	C	C	B	C	C	C	B	B	D

CLASS-2

1. Which part of your body helps you see?
A) Ears B) Nose C) Eyes D) Mouth
2. What is the function of your heart?
A) To help you breathe B) To help you see
C) To pump blood D) To help you talk
3. Which person in your family is usually your mother's sister?
A) Aunt B) Cousin C) Grandmother D) Uncle
4. Which festival is often celebrated with fireworks?
A) Christmas B) Halloween C) Diwali D) Easter
5. Which food is a fruit?
A) Bread B) Carrot C) Apple D) Cheese
6. What type of home is usually made of wood and has a sloping roof?
A) Apartment B) Igloo C) House D) Tent
7. Which vehicle is used for flying in the sky?
A) Car B) Train C) Airplane D) Bicycle
8. Which device is used to send messages instantly?
A) Radio B) Television C) Phone D) Computer

9. What should you do before eating a meal?

A) Play B) Watch TV C) Wash your hands D) Take a nap

10. What should you do if you get a small cut?

A) Ignore it B) Put a bandage on it C) Go swimming D) Eat some food

1	2	3	4	5	6	7	8	9	10
C	C	A	C	C	C	C	C	C	B



Science

Class - 3

1. The tall straight plants that you see around us are called.....
a. Shrubs b. Trees c. Creepers d. Stem
2. Leaves of are used to treat common cough and cold.
a. Tulsi Plant b. Sugar plant c. Jasmine d. Lemon
3. Messages from all parts of the body keep coming to the brain through ours.
a. Nerves b. Carbon-dioxide c. Oxygen d. Blood
4. The frame work of bones is called
a. Skeleton b. Muscles c. Kidney d. Lungs
5. Blood is pumped throughout our body by the
a. Kidney b. Heart c. Stomach d. Muscles
6. Milk is a complete food because it contains
a. Protein b. Fats c. Vitamin & Minerals d. All of these
7. Foods like chapatti, rice and potato wedges are rich in
a. Carbohydrate b. Protein c. Vitamin d. Mineral
8. People cut blocks of ice to make house, which type of house is this?
a. Kutcha House b. Tent House c. Igloo d. House boat
9. is an example of synthetic fiber.
a. Acrylic b. Nylon c. Polyester d. All of these
10. Which of these can explain the reason for mud houses being common in desert areas like rajasthan ?
a. Mud houses remain comparatively cooler in summers.
b. Rainfall is very scarce in Rajasthan.
c. The roofs are made of thorny bushes.
d. Both A & B
11. Goods that are huge and heavy are sent by
a. Cargo b. Boat c. Bus d. Truck
12. A vehicle that helps in rescue operations in affected areas is

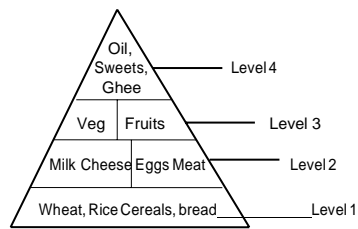
- a. Scooter b. Aeroplane c. Helicopter d. None of these
13. E-mails are sent through:
- a. Postal Covers b. Computers c. Radio d. All
14. Steam: Gas: Milk:?
- a. Solid b. Liquid c. Gas d. None of these
15. When a solid changes to a liquid, it is known as
- a. Condensation b. Evaporation c. Melting d. None of these
16. Mark which is not correct.
- a. Matter has volume
- b. Matter is any substance
- c. All matter has definite shape
- d. Matter exists in 3 states
17. Water holding capacity is highest in
- a. Sandy soil b. Clayey soil
- c. Loamy soil d. Mixture of sand and loam
18. Which of these do not contribute in soil formation?
- a. Erosion b. Weathering c. Rains d. Birds
19. soil is the best for cultivation of plants.
- a. Clay b. Loamy soil c. Sandy soil d. Gravel
20. The vast space containing Stars, Planets, Meteors etc., is called
- a. Milky way galaxy b. Galaxies c. Universe d. Solar system

KEY

1	2	3	4	5	6	7	8	9	10
B	a	A	a	b	d	a	c	c	D
11	12	13	14	15	16	17	18	19	20
a	c	B	b	c	c	b	d	b	C

Science
Class-4

1. Heart is protected by
a. Jacket b. Cage c. Ribs d. Not protected
2. kills the bacteria in the stomach.
a. Gastric Juice b. Food c. Blood d. Oxygen
3. Observe the following food pyramid and answer



- a. Carbohydrates b. Fats c. Proteins d. Vitamins
4. Proteins are broken into simple substances in the
a. Mouth b. Stomach c. Large intestine d. Small intestine
5. Never put any sharp objects inside your to clean it.
a. Eyes b. Ear c. Mouth d. All
6. Fruits & Vegetables peels, meat & bones, flowers & paper are waste.
a. Biodegradable b. Non-Biodegradable c. Both d. None
7. Stomata present on the leaf is responsible for.
a. Taking up carbon dioxide from the surrounding air.
b. Giving out oxygen to air.
c. Both A & B
d. None of these
8. Veins present on the leaves are
a. Network of Nuclei
b. Network of lines

- c. Network of stomato
 - d. Network of Chloroplasts
9. Animals living in odd regions have on their bodies to protect them from cold.
 - a. fur
 - b. jacket
 - c. Both
 - d. None
 10. Long sleep in winter month to protect from cold is called
 - a. Hibernation
 - b. Migration
 - c. Both A & B
 - d. None
 11. The recycling of elements in an ecosystem is called
 - a. Chemical Cycle
 - b. Geological Cycle
 - c. Biogeochemical cycle
 - d. Geochemical cycle
 12. If all the green plants were to disappear from the earth.
 - a. all the animals will die
 - b. only herbivores will die
 - c. only carnivores will die
 - d. it will not matter to any animal
 13. Tigers and Leopards have stripes on their bodies. This adaptation helps them to
 - a. keep their bodies cool
 - b. keep their bodies hot
 - c. mix with the surroundings
 - d. look beautiful
 14. The adaptation mechanism of chameleon is
 - a. hibernating in the winter.
 - b. changing colours to suit with the its surroundings.
 - c. developing scaly skin on its body to maintain moisture.
 - d. migrating to long distances in the winter.
 15. Identify the substance that does not get dissolved in water ?
 - a. Sand
 - b. Oxygen
 - c. Water
 - d. Sugar
 16. Between which two planets the asteroid belts are present?
 - a. Mercury & Venus
 - b. Jupiter & Saturn
 - c. Uranus & Neptune
 - d. Jupiter & Mars

17. Moonlight reaches the earth in 1.25 seconds only, whereas sunlight reaches in 8 min 19 seconds. What is the reason behind this ?
- Sun is very close and moon is very far.
 - Sun is very far while moon is very close to the earth.
 - Sun and moon both are at the equal distance from the Earth.
 - Can't say
18. Find the incorrect match :
- Earth : 365 days rotation
 - Mercury : 88 days rotation
 - Venus : 225 earth days rotation
 - Jupiter : 200 days rotation
19. A football kicked by a boy rolls on the ground to some distance and stops. The force which stops the ball is
- Muscular force
 - gravitational force
 - Mechanical force
 - frictional force
20. Which Energy conversion takes place during photosynthesis?
- Heat energy - light energy
 - Light Energy - heat energy
 - Light Energy - Chemical energy
 - Mechanical energy - Chemical energy

KEY

1	2	3	4	5	6	7	8	9	10
c	a	a	b	d	a	c	b	a	A
11	12	13	14	15	16	17	18	19	20
c	a	c	b	a	d	b	d	d	c

Science
Class - 5

1. Which of the following things are required for the germination of seed?
a. Water b. Correct temperature c. Good Quality of soil d. All of these
2. From which part of plant can sugarcane be grown?
a. Roots b. Stems c. Leaves d. None
3. From which part of the plant Bryophyllum grows ?
a. Roots b. Leaves c. Stems d. All of these
4. What is the adaptation by which a grasshopper protects itself from being eaten by its predator?
a. It tastes bad b. It can hop away quickly
c. It can camouflage itself in the grass d. It has a poisonous sting.
5. How are birds adapted for flight?

a. By their body shape
b. By smooth waxy feathers
c. By hollow bones
d. By beaks

a. only A & B b. Only A, B & C c. Only C & D d. A, B, C & D
6. Spinal cord is a part of _____ system.
a. Circulatory system b. Nervous system c. Digestive system d. Urinary system
7. The part of tooth visible above the gum is known as _____.
a. Root b. Cavity c. Crown d. Plaque
8. I am the lifeline of a person's body. I am the king of circulatory system. I pump the blood throughout the body and if I stop working, the person will die. Who am I ?
a. Heart b. Brain c. Kidney d. Lungs
9. The measure of how much material makes up an object is called the _____.
a. volume b. weight c. mass d. matter
10. Which of the following substances is able to sublime ?

- a. Carbon dioxide b. Salt c. Water d. Air
11. Layers of air surrounding the earth form
- a. the universe b. space c. atmosphere d. galaxy
12. Air pressure is measured with an instrument called the
- a. Barometer b. Ammeter c. Hydrometer d. Manometer
13. The process of adding chlorine in water to kill germs is called
- a. chlorination b. decantation c. distillation d. sublimation
14. Which of the following does not have its own light?
- a. Sun b. Moon c. Star d. None
15. The light from sun reaches the earth in
- a. 10 minutes b. 1 hour c. 8 and a half minute d. 7 minutes
16. The rings of the Saturn are made up of _____
- a. Dust b. Ice c. Rocks d. All of these
17. Lava cools to form
- a. Igneous rocks b. Sedimentary rocks c. Metamorphic rocks d. Sandstones
18. Granite is a hard material and forms from cooling magma. Granite is a type of
- a. LAVA stone b. Igneous rock c. Volcanic dust d. Sedimentary rock
19. Which of the following are called building blocks of rocks ?
- a. Sand particles b. Minerals c. Pebbles d. Stones
20. Select the option regarding natural resources
- a. They can never be exhausted
- b. They are obtained from soil only
- c. Non-mineral resources include air and water
- d. Some of the natural resources are harmful to us

KEY

1	2	3	4	5	6	7	8	9	10
d	b	b	a	c	B	c	a	c	a
11	12	13	14	15	16	17	18	19	20
c	a	a	b	c	D	a	b	b	c

Science Genie

Class -6

1. _____provide more than double the energy provided by carbohydrates or proteins in human body.
a. Vitamins b. Fats c. Minerals d. Starch
2. _____is essential for hemoglobin in the blood.
a. Calcium b. Iron c. Phosphorous d. Magnesium
3. Threshing is done by
a. Beating b. bullocks c. Machines d. All of these
4. Which method is used to separate pebbles and stones from sand?
a. Handpicking b. Winnowing c. Sieving d. Anyof there
5. Conversion of a solid to liquid by heating is called
a. Evaporation b. Melting c. Condensation d. Freezing
6. Which of the following is a chemical change?
a. Evaporation of water b. Burning offuels
c. Moving of wheel d. Breaking of brick
7. Parallel venation is not found in
a. Sugarcane b. Peepal c. Maize d. Wheat
8. Leaf venation and type of root is correctly paired in
a. Parallel venation, fibrous roots
b. Parallel venation, taproot
c. No relation exists in leaf venation and types of roots
d. Reticulate venation, fibrousroots
9. Male reproductive part of flower is
a. Sepals b. petals c. stamens d. pistil
10. What are the characteristics of a desert plant?
a. No leaves or very small leaves b. Spines
c. Deep roots d. All of these

11. Sunken stomata are present in
a. Hydrophytes b. Epiphytes c. Xerophytes d. Mesophytes
12. Bending of a stem towards sunlight is called
a. Geotropism b. Phototropism c. Hydrotropism d. Mysticism
13. 4 Kilometers are equal to ?
a. 4,00,000 meter b. 40,000 meter c. 4,000 meter d. 400 meter
14. An example for rectilinear motion is
a. Apple falling from a tree b. Motion of a car on road
c. A spinning top d. Both A & B
15. What kind of motion is executed by a pendulum of a wall clock?
a. Oscillatory motion b. Vibratory motion c. Circular motion d. Lineal motion
16. When an opaque object comes in a part of light it forms
a. an image with colours b. shadow
c. black and white image d. depends on colours of light
17. Which types of objects do not allow light to pass through them?
a. Translucent b. Opaque c. Transparent d. Penumbra
18. What is lateral inversion ?
a. Images become inverted b. Image bends laterally
c. Right of the object appears left of image d. All of these
19. Which of these is a conductor?
a. Rubber b. Mica c. Copper d. Wood
20. A bulb lights up only in
a. a closed circuit b. an open circuit c. in both d. series connection

KEY

1	2	3	4	5	6	7	8	9	10
b	B	d	c	b	b	b	a	c	d
11	12	13	14	15	16	17	18	19	20
c	B	c	d	a	b	c	c	a	d

Science

Class - 7

1. The raw materials for photosynthesis are
 - a. CO₂
 - b. CO₂, O₂, H₂
 - c. N₂, Water
 - d. O₂ water
2. Which one of the following is a parasite ?
 - a. Lichen
 - b. Cuscuta
 - c. Pitcher plant
 - d. Rhizobium
3. Which one of the following is a pair of symbiotic organisms ?
 - a. Lichens
 - b. Rhizobium and Legume
 - c. Both A & B
 - d. None
4. The false feet of Amoeba is used for :
 - a. Movement only
 - b. Capture of food only
 - c. Capture of food and movement
 - d. Exchange of gases only
5. The finger like outgrowths of Amoeba helps to ingest food however the finger like outgrowths of human intestine helps to
 - a. digest the fatty food substances
 - b. make the food soluble
 - c. absorb the digested food
 - d. absorb the undigested food
6. The main function of the lacteals of intestine absorption of
 - a. Amino acids
 - b. glucose and vitamins
 - c. Lactic Acid
 - d. fatty acids and glycerol
7. Turmeric is a natural indicator. On adding its paste to acid and base separately which colours would be observed
 - a. yellow in both acid & base
 - b. yellow in acid and red in base
 - c. pink in acid & yellow in base
 - d. red in acid & blue in base
8. Phenolphthalein is a synthetic indicator and it colours in acidic and basic solution, respectively are
 - a. Red and Blue
 - b. Blue and Red
 - c. Pink and Colourless
 - d. Colourless & Pink
9. Which of the following is an acid - base indicator?
 - a. Vinegar
 - b. Lime water
 - c. Turmeric
 - d. Baking soda
10. Properties like size, shape, colour, state of a substance are
 - a. Chemical properties
 - b. Physical properties
 - c. Physico - chemical properties
 - d. None of these

11. What is the formula of rust?
a. Fe_2O_3 b. Fe_3O_4 c. FeO d. None of these
12. Galvanization is a process used to prevent the rusting of which of the following?
a. Iron b. Zinc c. Calcium d. Copper
13. The Amount of humidity in the atmosphere is a measure of _____ in air
a. Heat b. Temperature c. Moisture d. Chemicals
14. The maximum and minimum temperature of a day are recorded by using
a. Celsius thermometer b. Fahrenheit thermometer
c. Maximum minimum thermometer d. Hydrogen thermometer
15. Find the animals living in Polar Regions from the following.
a. Gorilla b. Polar bear c. Monkey d. Goat
16. In which year was Orissa hit by a cyclone?
a. 1999 b. 2000 c. 2001 d. 2004
17. The winds from oceans carry water and bring rain. These winds are called
a. Typhoon b. Monsoon c. Cyclone d. None of these
18. A Cyclone warning can be issued
a. 48 hours in advance b. 12 hours in advance
c. 6 hours in advance d. 24 hours in advance
19. The formation of clot when bleeding is stopped from a wound in a human body is due to
a. RBC b. WBC c. Platelets d. All
20. Yeast is used in wine and beer industries because it respire
a. aerobically producing oxygen b. aerobically producing alcohol
c. an aerobically producing alcohol d. an aerobically producing CO_2

KEY

1	2	3	4	5	6	7	8	9	10
a	b	c	C	c	d	b	d	c	b
11	12	13	14	15	16	17	18	19	20
a	a	c	C	b	a	b	d	c	d

Science

Class - 8

1. The agricultural instrument used for removal of weed is
a. sickle b. kurpi c. seed drill d. plough
2. Transplantation of seedling is done in
a. Coffee b. Cocoa c. Rice d. Mango
3. Which one of the following is a petrochemical?
a. Ammonia b. Coke c. Acetone d. Paraffin wax
4. Conversion of dead vegetation into coal is called
a. carbonization b. distillation c. coal gas d. natural gas
5. A natural gas stored under high pressure is called
a. CNG b. LPG c. KLG d. PNP
6. Which one of the following metals is the most ductile ?
a. Aluminium b. Copper c. Silver d. Gold
7. Which one of the following metals is most reactive and stored in kerosene?
a. Iron b. Gold c. Copper d. Potassium
8. The metal which is not corroded by oil, water and acid is
a. copper b. zinc c. aluminum d. gold
9. Which zone represents the partial combustion in candle flame?
a. Outer zone b. Middle zone c. Inner zone d. Lower zone
10. Burning coal in closed room will produce
a. Nitrogen oxide b. Carbon dioxide c. Carbon Monoxide d. Oxygen
11. The removal of top layer of soil leads to
a. Desertification b. Rainfall c. Snowfall d. Deforestation
12. The variety of organisms living on the earth, is referred to as
a. biodiversity b. food chain c. lithosphere d. relationship
13. Cells which lack nuclear membrane are
a. eukaryotic cells b. prokaryotic cells c. single cells d. multi cells

14. The control centre of all the activities of a cell is
 a. Nucleus b. Nucleoplasm c. Cytoplasm d. Organells
15. Genes are located in
 a. Plastids b. Chromosomes c. Cytoplasm d. Lysosome
16. In hydra the mode of reproduction is
 a. asexual b. sexual c. both a & b d. None of these
17. The male gamete or sperm consists of
 a. Three parts b. two parts c. four parts d. None of these
18. The cell formed after fertilization is called
 a. Embryo b. foetus c. zygote d. egg
19. Muscular force is also called _____ force.
 a. non-contact b. contact c. gravitational d. magnetic
20. 1 Kilogram weight is equal to
 a. 98N b. 9.8 N c. 0.98N d. 0.098N

KEY

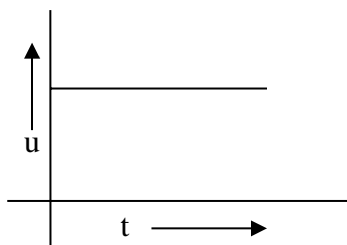
1	2	3	4	5	6	7	8	9	10
b	c	d	A	a	d	d	d	b	C
11	12	13	14	15	16	17	18	19	20
a	a	b	A	b	a	a	c	b	b

Science

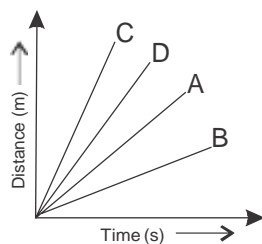
Class - 9

1. The property of flow is unique to fluids. Which one of following statements is correct?
 - a. Only gases behave like fluids
 - b. Gases and solids behave like fluids
 - c. Gases and liquids behave like fluids
 - d. Only liquid are fluids
2. The boiling point of water at sea level is
 - a. 0°C
 - b. 273k
 - c. 373k
 - d. 273°C
3. Which of the following would weigh the highest?
 - a. 0.2 mole of sucrose ($\text{C}_{12}\text{H}_{22}\text{O}_{11}$)
 - b. 2 mole of CO_2
 - c. 2 moles of CaCO_3
 - d. 10 moles of H_2O
4. 3.42 of sucrose are dissolved in 18g of water in a beaker. The number of oxygen atoms in the solution are
 - a. 6.68×10^{23}
 - b. 6.09×10^{22}
 - c. 6.022×10^{23}
 - d. 6.032×10^{23}
5. Rutherford's alpha (α) particles scattering experiment resulted in the discovery of
 - a. electron
 - b. proton
 - c. nucleus in atom
 - d. atomic mass
6. The first model of an atom was given by
 - a. N.Bohr
 - b. E.Gold stain
 - c. Rutherford
 - d. J.J.Thomson
7. An alpha particle is also known as
 - a. subatomic particle
 - b. un ionized helium atom
 - c. Neutral particle
 - d. a doubly- charged helium ion
8. Plasmolysis in a plant cell is defined as
 - a. breakdown (cysis) of plasma membrane in hypotonic medium.
 - b. shrinkage of cytoplasm in hypertonic medium.
 - c. Shrinkage of Nucleoplasm.
 - d. None of them
9. Which cell organelle plays a crucial role in detoxifying many poisons and drugs in a cell?
 - a. Golgi apparatus
 - b. Lysosomes
 - c. Smooth endoplasmic reticulum
 - d. Vacuoles

10. Silver nitrate solution is used to study
- Endoplasmic reticulum
 - Golgi apparatus
 - Nucleus
 - Mitochondria
11. Organelle without a cell membrane is
- Ribosome
 - Golgi apparatus
 - Chloroplast
 - Nucleus
12. Amphibians do not have the following
- Three- chambered heart
 - Gills of lungs
 - Scales
 - Mucus Glands
13. The book Systema Naturae was written by
- Linnaeus
 - Haeckel
 - Whittaker
 - Robert Brown
14. Karl von Linne was involved with which branch of science?
- Morphology
 - Taxonomy
 - Physiology
 - Medicine
15. A body is thrown vertically upward with velocity U , the greatest height h to which it will rise is
- u/g
 - $u^2/2g$
 - u^2/g
 - $u/2g$
16. From the given u - t graph, it can be inferred that the object is



- in uniform motion
 - at rest
 - in non-uniform motion
 - moving with uniform acceleration
17. Four cars A, B, C & D are moving on a leveled road. Their distance versus time graphs are shown in the adjacent figure. Choose the correct statement.



- Car A is faster than Car D
- Car B is the slowest
- Car D is faster than Car C
- Car C is the slowest

18. Slope of a velocity - time graph gives.
a. the distance b. the displacement c. the acceleration d. the speed
19. The inertia of an object tends to cause the object.
a. to increase its speed b. to decrease its speed
c. to resist any change in its state of motion d. to decelerate due to friction
20. A water tanker filled up to $\frac{2}{3}$ of its height is moving with a uniform speed. On a sudden application of brakes, the water in tank would
a. move backward b. move forward c. be unaffected d. rise upwards
21. A man is standing on a boat in still water. If he walks towards the shore, then the boat will
a. move away from shore b. move towards the shore
c. remain stationary d. None of these

KEY

1	2	3	4	5	6	7	8	9	10
c	c		a	c	d	d	b	c	b
11	12	13	14	15	16	17	18	19	20
a	c	a	b	b	a	b	c	c	b