



VIDYA BHARATI SCHOOL

Olympiad

Class –V(November)

SCIENCE

Q.1 M.C.Q.

1. The blanket of air that covers the earth is called _____
 - A. Lithosphere
 - B. Hydrosphere
 - C. Atmosphere
 - D. Biosphere

2. The ozone layer is found in
 - A . Troposphere
 - B. Stratosphere
 - C. Ionosphere
 - D. Exosphere

3. Which component of air cannot be used directly by the living beings?
 - A. oxygen
 - B. Nitrogen
 - C. Carbon Dioxide
 - D. Water Vapour

4. Which component of air helps in burning ?
 - A. Oxygen
 - B. Carbon dioxide
 - C. Dust
 - D. Smoke

5. Diseases like asthma, bronchitis etc. are caused due to _____
 - A. Polluted water
 - B. Polluted air
 - C. Deficiency of minerals
 - D. Lack of food

6. The process in which impure muddy water is allowed to stand undisturbed in a container, is called _____
 - A. Sedimentation
 - B. Filtration
 - C. Decantation
 - D. Evaporation

7. The easiest and most common method to purify water before consumption is _____

- A. Distillation
- B. Boiling
- C. Chlorination
- D. All of these

8. Purification of water first by evaporation and then by condensation is called _____

- A. Distillation
- B. Sublimation
- C. Filtration
- D. None of these

9. Things like syringe, dropper, drinking straw work on the principle of _____

- A. water pressure
- B. Air pressure
- C. Pressure of container
- D. All of these

10. Aquatic plants and animals get air dissolved in _____

- A. Water
- B. Atmosphere
- C. Plants
- D. None of these

11. A _____ is a push or pull

- A. Force
- B. Friction
- C. Pulley
- D. Simple Machine

12. A wheel barrow is an example of _____ class lever.

- A. Fourth
- B. First
- C. Second
- D. Third

13. Which simple machine makes up the pencil sharpener?

- A. Wheel and axle
- B. Inclined Plane
- C. Pulley
- D. None of these

14. The three types of pulleys systems are: Fixed, Movable and _____.

- A. Block and Attack
- B. Movable and Pull
- C. Tackle and Sing
- D. Block and Tackle

15. Which part of the lever supplies the force to move something?

- A. Fulcrum
- b. Load
- C. Effort

16. screw is a(n)_____ wrapped around a central cylinder.

- A. Lever
- B. wedge
- C. Inclined plane
- D. Wheel and axle

17. Which simple machine would stairs be an example?

- A. a wedge
- B. an inclined plane
- C. a pulley
- D. a lever

18. Which is an example of a wedge?

- A. a doorknob
- B. a clock
- C. a zipper
- D. a light bulb

19. A pulley is:

- A. a bar used to lift heavy objects
- B. a wheel with a groove for a rope
- C. made of two inclined planes
- D. has a lever arm and a fulcrum

20. A wedge is actually a kind of plane.

- A. True
- B. False

4. The part of the brain in charge of thinking and memory.

A. Cerebrum

B. Cerebellum

C. Medulla oblongata

5. This part of the brain controls coordination and balance.

A. Cerebrum

B. Cerebellum

C. Medulla oblongata

6. The part of the brain in charge of involuntary actions such as breathing, heartbeat.

A. Cerebrum

B. Cerebellum

C. Medulla oblongata

7. The major set of large set of nerves running down the spinal column or vertebrae.

A. Axon

B. Dendrite

C. Spinal cord

8. The cell body of a neuron.

A. Dendrite

B. Axon

C. Soma

9. Contact metamorphism generally occurs near

A. igneous extrusions

B. sediment intrusions

C. igneous intrusions

D. sediment extrusions

10. Rocks formed from dissolved minerals and water are known as

A. Clastic Sedimentary Rock

B. Chemical Sedimentary Rock

C. Organic Sedimentary Rock

D. Inorganic Sedimentary Rock

11. Rocks formed from remains of once-living plants and animals are called

A. Clastic Sedimentary Rock

B. Chemical Sedimentary Rock

C. Organic Sedimentary Rock

D. Inorganic Sedimentary Rock

12. Largest of all igneous intrusions are

- A. Stock
- B. Batholith
- C. Plutons
- D. Sill

13. Some limestone is made of skeleton of tiny organisms known as

- A. Coral
- B. Bacteria
- C. Virus
- D. Fungi

14. A rock made up of quartz will have a very similar composition to

- A. igneous rocks
- B. metamorphic rocks
- C. sedimentary rocks
- D. quartz

15. Number of ways in which magma can form is

- A. two
- B. three
- C. four
- D. five

16. Types of texture of metamorphic rocks could be

- A. two
- B. three

- C. four
- D. five

17. Process in which sediment moved by erosion is dropped and gets collected is known as

- A. collection
- B. deposition
- C. piling up
- D. clotting

18. When partially decomposed plant material is buried beneath sediment under heat and pressure, it turns into

- A. coal
- B. natural gas
- C. oil
- D. metamorphs

19. An example of index minerals could be

- A. calcite
- B. hematite
- C. quartz
- D. sillimanite

20. Metamorphism occurs due to change in

- A. rocks
- B. pressure
- C. heat
- D. heat and pressure