



## VIDYA BHARATI SCHOOL

OLYMPIAD WORKSHEET: FEBRUARY 2017

GRADE: IV

SUBJECT: SCIENCE

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Q.1 Fuel is used up to give energy in order to make things work. Petrol is a type of fuel used in vehicles to make them run. which of these is also a fuel?

- A. Water used in a bath
- B. Food eaten by a person
- C. Air pumped in cycle tyres
- D. Steam given out by pressure cooker

Q.2 In order to have a non stop flight, a plane has to be given fuel in the middle of the flight. which of these is necessary for mid air refueling to happen?

- A. One plane should be smaller than the other
- B. The planes should be flying above the clouds
- C. Planes should be flying as fast as each other (same speed)
- D. One plane should be flying upwards and the other downwards.

Q.3 In the movie Sholay the villan captures the hero and then makes his friend dance on small pieces of some material without any shoes . Because of this blood starts coming out of his friends feet . What could the pieces of material be?

- A. Cotton
- B. Rubber
- C. Sponge
- D. Glass

Q.4 When a coin is dropped in a glass of water , it will \_\_\_\_\_.

- A. Float
- B. Sink
- C. Float mid-way
- D. Break the glass

Q.5 The change of a substance from the liquid state to the gaseous state is called

- A. Evaporation
- B. Condensation
- C. Sublimation
- D. Filtration

Q.6 The change of a substance from the gaseous state to the liquid state is called

- A. Condensation
- B. Decantation
- C. Sedimentation
- D. Evaporation

Q.7 The change of a substance from the solid state to the gaseous state is called

- A. Sublimation
- B. Evaporation
- C. Melting
- D. Filtration

Q.8 Which of the following life cycles of the frog are correct

- A. frog , tadpole ,egg , froglet
- B. egg , froglet , tadpole , frog
- C. egg , tadpole , froglet , frog
- D. egg, frog, larvae , froglet

Q.9 How many legs do spiders have ?

- A.4
- B.6
- C.8
- D.13

Q.10 Which is the largest planet in our solar system ?

- A. Saturn
- B. Jupiter
- C. Uranus
- D. Pluto

Q.11 The largest areas of rainforest are found on which continent ?

- A. North America
- B. South America
- C. Africa
- D. Antarctica

Q.12 What is the role of immune system?

- A. It helps the body to digest food
- B. To protect the body from infections
- C. To work with the respiratory system
- D. To maintain the respiratory system

Q.13 How many teeth do adults have ?

- A.28
- B.30
- C.32
- C.34

Q.14 What are the only things found in nature that can be gas, liquid or solid ?

- A. Hydrogen
- B. Water
- C. Oxygen
- D. Nitrogen

Q.15 What is the first step to take in Photosynthesis?

- A. Trapping sunlight
- B. Converting sugar
- C. Producing water
- D. Cooking food

Q.16 In which part of the cell does the replication process of DNA occurs ?

- A. Nucleolus
- B. Nucleus
- C. Lysosome
- D. Mitochondria

Q.17 What is the type of rock that emerges from volcanoes and helps form the earth's crust ?

- A. Granite
- B. Igneous rocks
- C. Kryptonite
- D. Stones

Q.18 Which of the following has fibrous roots /

- A. Radish
- B. Peas
- C. Neem
- D. Wheat

Q.19 Onion shows modification of which part for food storage ?

- A. Flower
- B. Stem
- C. Root
- D. Fruit

Q.20 Which of the following has tap root ?

- A. Grass
- B. Wheat
- C. Maize
- D. Carrot

\*For more practice material please click:[www.brilliant.org](http://www.brilliant.org);[www.sofolympiadtrainer.com](http://www.sofolympiadtrainer.com);  
[www.olympiadhelper.com](http://www.olympiadhelper.com)