



RAMAGYA SCHOOL, NOIDA
IV/SCIENCE/2017-18
OLYMPIAD PRACTICE WORKSHEET

Concept based Questions

Q.1) The planet mars is also known as _____

- a) Blue planet b) Yellow planet c) Black planet d) Red planet

Q.2) Which of the following is a part of nervous system?

- a) Heart b) Spinalcord c) lungs d) Kidneys

Q.3) When a solid substance changes into gaseous state without changing into liquid form,the process is known as

- a)Evaporation b) vaporisation c)condensation d)sublimation

Q.4) Which one of the following joints connects the forearm to the upper arm?

- a) Hinge joint b)pivot joint c)ball and socket joint d) gliding joint

Q.5) In which kind of habitat the camel lives?

- a)Arboreal b)aquatic c)Aerial d)Terrestrial

Q.6) Which of the following is the largest terrestrial planet in the solar system?

- a)Mercury b) Mars c) Venus d) Earth

Q.7) Which of the following is the biotic component of the environment?

- a)Micro organism b)air c) water d)plastics

Application Based Questions

Q.8) In which part of the digestive system the hydrochloric acid is released to kill the microbes and to digest the food?

- a)Large intestine b)liver c)Small intestine d)Stomach

Q.9) Anemia is caused due to lack of _____

- a) Iron in blood
- b) Iodine in urine
- c) Calcium in bones
- d) Potassium in bones

Q10) Which of the following is only mammal why fly?

- a) Bat
- b) Sparrow
- c) Parrot
- d) Kite

Q11) The outermost layer of the eye is known as _____

- a) Pupil
- b) cornea
- c) retina
- d) optic

Q12) Pick the correct statement

- a) Digestion of food is a chemical change
- b) Digestion of food is a chemical change
- c) Digestion of food is a nuclear change
- d) Digestion of food is an atomic change

Q13) Which of the following is not a plant of grass family?

- a) Wheat
- b) Bamboo
- c) Mango
- d) Rice

Q14) Which of the following is not a example of insectivorous plant?

- a) Sundew
- b) Drosera
- c) Pitcher Plant
- d) Duckweed

HOTS Questions

Q15) Select the odd one out

- a) Frog
- b) fish
- c) Crab
- d) Crocodile

Q.16) Galaxy is nothing but a cluster of _____.

- a) Planets b) moons c) gases d) stars

Q.17) The exchange of gases in lungs takes place through the

- a) Blood vessels b) lungs c) alveoli d) Pharynx

Q18) Which of these is not a part of respiratory system?

- a) Lungs b) Diaphragm c) stomach d) windpipe

Q19) Plastic bags and tyre tube are major cause of soil pollution because_____.

- a) They are non biodegradable
b) They are not easily disintegrated into soil
c) When eaten by the animals leads to choking
d) All of these

Value Based Question

Q20) Rahul is having an egg . His mother explained him about protein content of an egg ? what do you think which part of egg has maximum amount of proteins?

- a) Egg shell
b) Albumin
c) Yolk
d) None of the above.