



RAMAGYA SCHOOL, NOIDA
OLYMPIAD WORKSHEET
SUBJECT- SCIENCE ; AUGUST 2018
CLASS – IX

Q1- Lamina propria is connected with

- a) Acini
- b) Liver
- c) Graffian follicle
- d) Intestine

Q2- Lymph differs from blood in processing

- a) Only WBC
- b) More RBC and WBC
- c) More RBC and few WBC
- d) More WBC and few RBC

Q3- Mineral found in red pigment of blood

- a) Magnesium
- b) Iron
- c) Calcium
- d) Copper

Q4- Histamine secreting cells are found in

- a) Connective tissues
- b) Lungs
- c) Muscle tissues
- d) Nervous tissues

Q5- Haversian canal occurs in

- a) Humerus
- b) Pubis
- c) Scapula
- d) Clavicle

Q6- Using fertilizers in farming is an example of

- a) No cost production
- b) Low cost production
- c) High cost production
- d) None of these

Q7- Nitrogen, phosphorus and potassium are examples of

- a) Micro nutrients
- b) Macro nutrients
- c) Fertilizers
- d) Both (a) and (b)

Q8- Air shows property of

- a) N_2
- b) O_2
- c) Both N_2 and O_2
- d) None of these

Q9- The components of water can be separated by

- a) Physical methods
- b) Chemical methods
- c) Both
- d) They cannot be separated

Q10- Mixtures can be

- a) Homogenous
- b) Heterogeneous
- c) Both (a) and (b)
- d) Pure substance

Q11- Brass is

- a) Compound
- b) Element
- c) Homogenous mixture
- d) Heterogeneous mixture

Q12- 1 carat diamond is equal to

- a) 200 mg
- b) 200 g
- c) 100 mg
- d) 100 g

Q13- If we burn graphite

- a) Residue would be left
- b) No residue would be left
- c) It will not burn
- d) It will change into diamond

Q14- In sugar solution

- a) Sugar is a solute, water is a solvent
- b) Both are solute
- c) Both are solvent
- d) Sugar is solvent and water is solute

Q15- what do you get by the product of mass and velocity

- a) Force
- b) Inertia
- c) Momentum
- d) Newton

Q16- If two balls of same masses are dropped on sand, the depth of the penetration is same if

- a) Heavier ball is dropped faster than the lighter ball
- b) Lighter ball is dropped faster than the heavier ball
- c) The product of ' mv ' is same for both bodies
- d) None of these

Q17- A fielder giving a swing while catching a ball is an example of

- a) Inertia
- b) Momentum
- c) Newton's second law of motion
- d) Newton's first law of motion

Q18- Action and reaction forces

- a) Act on same body
- b) Act on different body
- c) Act in different direction
- d) Both (a) and (b)

Q19- When we are peddling the bicycle it stops because

- a) The Earth's gravitational force act on it
- b) It is not accelerated
- c) No unbalanced force act on it
- d) Frictional force act on it

Q20- A football and stone has same mass

- a) Both have same inertia
- b) Both have same momentum
- c) Both have different inertia
- d) Both have different momentum