



RAMAGYA SCHOOL, NOIDA

VIII/SCIENCE/2017-18

OLYMPIAD PRACTICE WORKSHEET

1. Machine used for both threshing and harvesting is called

- a. Thresher
- b. Sickle
- c. Winnowing
- d. Combine

2. Paramecium is a

- a. Fungi
- b. Algae
- c. Protozoa
- d. Virus

3. Which of the following is NOT a thermoplastic

- a. PVC
- b. Polystyrene
- c. Teflon
- d. Bakelite

4. Method of covering of one metal with another is called:

- a. Galvanizing
- b. painting
- c. Rusting
- d. Erosion

5. Fractional distillation of petroleum gives following products:

- a. Kerosene
- b. Heavy oil
- c. Naptha
- d. All of the above

6. Calorific value of petrol is

- a. 70000KJ/KG
- b. 45000KJ/KG
- c. 1000KJ/KG
- d. 3500KJ/KG

7. Which of the following is an endemic species:

- a. Indian giant squirrel
- b. Wild Boar
- c. Elephant
- d. Zebra

8. The nucleus and cytoplasm together make up:

- a. Organelles
- b. Protoplasm
- c. Nucleoplasm
- d. Stomata

9. Which of the following mammals produce more than one egg

- a. Cats
- b. Elephant
- c. Cows
- d. humans

10. The female hormone secreted by the ovaries at the onset of puberty is _____

- a. Estrogen
- b. Insulin
- c. Adrenalin
- d. Testosterone

11. Mensural cycle stops at an age of

- a. 45-50
- b. 55-60
- c. 35-40
- d. 70-75

12. Which of the following is a contact force?

- a. Gravitational
- b. Magnetic
- c. Frictional
- d. Electrostatic

13. By which method friction can be minimised

- a. Lubrication
- b. Streamlining
- c. polishing
- d. All of the above

14. Tabla is known as:

- a. Wind instrument
- b. percussion instrument
- c. Stringed instrument
- d. None of the above

15. Which of the following is NOT a method of charging of body

- a. Conduction
- b. induction
- c. friction
- d. radiation

16. Which of the following metal is deposited on cheaper metals to make them shiny and attractive?

- a. Nickel
- b. Copper
- c. Chromium
- d. Zinc

17. Which of the following is NOT a characteristic of image formed with a plane mirror?

- a. Image formed is erect
- b. Image is of same size as that of the object
- c. Image is real
- d. Image is laterally inverted

18. Magnifying lens is

- a. Converging lens
- b. Diverging lens
- c. Both of the above
- d. None of the above

19. Pole star is a part of which constellation

- a. Ursa major
- b. Ursa minor
- c. Scorpius
- d. Cassiopeia

20. Following is NOT a name of artificial satellite?

- a. EDUSAT
- b. APPLE
- c. INSAT-3G
- d. INSAT-3E