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OLYMPIAD PRACTICE WORKSHEET

**1. Production of fish is called**

- a. apiculture
- b. sericulture
- c. pisciculture
- d. agriculture

**2. Which of the following is a parasitic protozoan**

- a. Paramecium
- b. Trypanosoma
- c. Euglena
- d. Amoeba

**3. Which of the following synthetic fibre has a feel similar to wool**

- a. nylon
- b. polyester
- c. acrylic
- d. rayon

**4. Which gas is produced by reaction of metals with acid**

- a. oxygen
- b. hydrogen
- c. carbon dioxide
- d. nitrogen

**5. Which of the following is not a fossil fuel**

- a. coal
- b. petroleum
- c. natural gas
- d. kerosene

**6. Which of the following is an example of spontaneous combustion**

- a. burning of white phosphorus when room temperature is 35 degrees
- b. burning of cooking gas in a gas stove
- c. burning of paper
- d. the explosion of fire crackers

**7. Which of the following will help the most in conservation of wildlife**

- a. making stringent laws
- b. making numerous zoos
- c. both (a) and (b)
- d. none of these

**8. Which of the following has high extinction prospects**

- a. Himalayan Bear and Musk Deer
- b. Lion and Leopard
- c. Tiger and Bustard
- d. Crocodile and Elephant

**9. Cell membrane is made up of**

- a. only lipids
- b. only proteins
- c. lipoproteins
- d. none of these

**10. A bag where the fertilised egg develops in human beings is**

- a. uterus
- b. cervix
- c. vagina
- d. fallopian tubes

**11. The number of nuclei present in a zygote is**

- a. one
- b. two
- c. four
- d. three

**11. Hormone that has stimulatory effect on the sex organs (gonads) is**

- a. gonad stimulating hormone
- b. gastrin
- c. thyroxine
- d. adrenalin

**12. Which of the following is an example of a contact force**

- a. magnetic force
- b. frictional force
- c. gravitational force
- d. electrostatic force

**13. Does liquid pressure increase or decrease with depth?**

- a. it increases with depth
- b. it decreases with depth
- c. it increases sometimes
- d. it neither increases nor decreases

**14. Which type of friction does a shark swimming in the ocean illustrate**

- a. sliding friction
- b. rolling friction
- c. water friction
- d. air friction

**15. Sound is a type of**

- a. energy
- b. force
- c. charge
- d. matter

**16. In the electrolysis of copper sulphate solution, copper metal forms on the**

- a. cathode
- b. anode
- c. cation
- d. anion

**17. A quantitative measure of the actual size of the earthquake is**

- a. intensity
- b. magnitude
- c. Richter scale
- d. none of these

**18. Angle of incidence is ..... equal to angle of reflection**

- a. always
- b. sometimes
- c. under special conditions
- d. never

**19. The Pole star can be seen only in**

- a. northern hemisphere
- b. southern hemisphere
- c. from ocean
- d. from seas

**20. A gas which is not a greenhouse gas is**

- a. methane
- b. nitrogen
- c. carbon dioxide
- d. sulphur dioxide