



RAMAGYA SCHOOL, NOIDA

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OLYMPIAD PRACTICE WORKSHEET**

1. Basic oxide will be formed by the element
 - a. sulphur
 - b. phosphorus
 - c. potassium
 - d. carbon

2. Which of the following elements is a metalloid
 - a. sodium
 - b. sulphur
 - c. silicon
 - d. silver

3. The element whose oxides will turn red litmus solution to blue will be
 - a. sodium
 - b. sulphur
 - c. carbon
 - d. phosphorus

4. What is the product when sulphur reacts with oxygen?
 - a. Sulphuric acid
 - b. Sulphur trioxide
 - c. Sulphurous acid
 - d. Sulphur dioxide

5. What happens when dilute sulphuric acid is poured on a copper plate?
 - a. Copper sulphate formed
 - b. Zinc sulphate formed
 - c. Copper chloride formed
 - d. Zinc sulphate formed.

6. Which metal is found in plants?
 - a. Fe
 - b. Cr
 - c. Mg
 - d. CO

7. Zinc replaces copper from-
 - a. Zinc sulphate

- b. Copper sulphate
- c. sulphuric acid
- d. Copper oxide

8. The ratio of the limiting force of friction (F) to the normal reaction (R) is known as

- a. Coefficient of friction
- b. Force of friction
- c. Angle of friction
- d. None of the above

9. When the two surfaces in contact have a thick layer of lubricant in between them, it is known as

- a. Solid friction
- b. Rolling friction
- c. Greasy friction
- d. Film friction

10. The species which are at the verge of the extinction

- a. Endemic
- b. Extinct
- c. Endangered
- d. None of these

11. The places where animals receive protection is called

- a. Zoo
- b. National aparks
- c. Rock shelters
- d. None of these

12. Project Tiger was launched on

- a. 1 april 1973
- b. 23 may 1973
- c. 21 September 1973
- d. 25 December 1973

13. Part of earth which supports the biodiversity is called

- a. Biosphere
- b. Sanctuary
- c. Ecosystem reserve
- d. Biotic community

14. Which one of the following is the correctly matched pair of an endangered animal and a national park?

- (a) great indian : Keoladeo national park bustard
- (b) lion : Corbett national park
- (c) rhinoceros : Kaziranga national park
- (d) wild ass : Dudhwa national park

15. Wild life protection act was passed in the year:

- A) 1970
- B) 1972
- C) 1982
- D) 1990

Q16. Creation of wild life reserves and enforcement of laws are conservation measures that promote increased:

- A) Preservation of species
- B) Use of biocides
- C) Use of biological control
- D) Exploitation of species

17. What is a National Park?

- A) An area where grazing and cultivation are permitted
- B) An area strictly reserved for improvement of wild life
- C) A park where the whole nation can have picnics
- D) A park which can be privately owned

18. Energy flow in an ecosystem is:

- A) Unidirectional
- B) Multidirectional
- C) Bidirectional
- D) Circular

19. The totality of genes, species and ecosystems of a region is known as:

- A) Biodiversity
- B) Biosphere
- C) Bioconservation
- D) Biocommunity

20. Which of the following are the uses of IUCN Red List ?

- A) Developing awareness about the importance of threatened biodiversity
- B) Identification and documentation of endangered species
- C) Providing a global index of the decline of biodiversity
- D) All of these