

**Mamta Modern School**  
**Worksheet for Olympiad**  
**Class VII (SCIENCE)**

1. Which one of the following is the longest part of the digestive system?  
(a) Oesophagus (b) Stomach  
(c) Small intestine (d) Large intestine  
(e) None of these
2. Which one of the following is the inorganic impurity present in sewage?  
(a) Metals (b) Urine  
(c) Vegetable wastes (d) Animal dung  
(e) None of these
3. The organisms from which a parasite obtain its food is called:  
(a) Parasites (b) Hosts  
(c) Saprophytes (d) Autotrophs  
(e) None of these
4. Which one of the following process performed by plants helps in rainfall?  
(a) Photosynthesis (b) Transpiration  
(c) Respiration (d) All of these  
(e) None of these
5. Which of the following fibres has the highest strength?  
(a) Cotton (b) Flax  
(c) Polyester (d) Rayon  
(e) None of these
6. By which one of the following ways heat from Sun reaches the Earth?  
(a) Conduction (b) Convection  
(c) Radiation (d) All of these  
(e) None of these
7. What amount of water present on earth is fresh water?  
(a) 0% (b) 2.5%  
(c) 21% (d) 25%  
(e) None of these
8. Which of the following is the caustic alkali?  
(a) Sodium hydroxide (b) Potassium hydroxide  
(c) Ammonium hydroxide (d) Both A & B  
(e) None of these
9. Formation of rainbow in the sky is an example of:  
(a) Reflection of light (b) Refraction of light  
(c) Dispersion of light (d) All of these  
(e) None of these

10. Which one of the following types of changes is permanent and usually can't be reversed?

- (a) Physical changes
- (b) Chemical changes
- (c) Reversible changes
- (d) Both A & C
- (e) None of these

11. The humidity of air determines the chances of :

- (a) Snow fall
- (b) Hot day
- (c) Rainfall
- (d) All of these
- (e) None of these

12. Which one of the following instruments is used to find the direction of wind at a place?

- (a) Barometre
- (b) Anemometre
- (c) Windvane
- (d) Thermometre
- (e) None of these

13. Which one of the following layers consists of hard rock?

- (a) C-horizon
- (b) A-horizon
- (c) B-horizon
- (d) D-horizon
- (e) None of these

14. What are the end products of aerobic respiration?

- (a) Carbon dioxide
- (b) Water
- (c) Energy
- (d) All of these
- (e) None of these

15. Which one of the following carry water and mineral from root to the leaves of a plant?

- (a) Xylem
- (b) Phloem
- (c) Lenticels
- (d) Root hair
- (e) None of these