



**RAMAGYA SCHOOL, NOIDA**  
**VIII/SCIENCE/2018-19**  
**OLYMPIAD PRACTICE WORKSHEET**

**Choose the correct option:**

1. A chain of small chemical units combined to form a large single unit is called \_\_\_\_  
a) Polymer                      b) Polycot                      c) Polythene                      d) None of the above
2. Polythene and PVC are examples of  
a) Bio degradable substance                      b) Thermosetting plastics  
c) Thermoplastics                      d) Rayon
3. Plastics which when moulded once cannot be softened by heating. Such plastics are called:  
a) Polythene                      b) Thermoplastics  
c) Polyester                      d) Thermosetting plastics
4. Polycot is made by mixing two types of fibres namely  
a) Silk + Cotton                      b) Polythene + cotton  
c) Silk + Polyester                      d) Polyester + Cotton
5. The 4 R Principle is  
a) Reduce, Reuse, Recycle, Recover                      b) Remember, reduce, Recycle, Rejoice  
c) Repeat, Rejoice, recycle, reduce                      d) None of the above
6. \_\_\_\_\_ is an example of natural polymer  
a) Rayon                      b) Cellulose  
c) Nylon                      d) All of the above
7. Which of the following is Non-biodegradable  
a) Woollen clothes                      b) Plastic bag,  
c) Cotton cloth                      d) Wood
8. Bakelite and Melamine are examples of  
a) Thermosetting plastics                      b) Silk  
c) Nylon                      d) Rayon
9. Fire proof plastic uniform worn by fire fighters has a coating of \_\_\_\_\_ to make it fire resistant.  
a) Nylon                      b) Rayon  
c) Melamine plastic                      d) Silk

10. The coating on modern non-stick cookware and electric iron is of

- a) Terry cot
- b) Rayon
- c) Polyester
- d) Teflon

11. The purest natural form of cellulose is

- a) Rayon
- b) cotton
- c) Wool
- d) silk

12. Rayon clothes are comfortable to wear in:-

- a) Winters
- b) rainy season
- c) Both a & b
- d) summers

13. The first fully synthetic plastic was

- a) Bakelite
- b) melamine
- c) Teflon
- d) polythene

14. Synthetic plastics lead to

- a) Water pollution
- b) air pollution
- c) Solid waste pollution
- d) all the above

15. Acrylic fibres are advantageous over

- a) Cotton
- b) wool
- c) Silk
- d) jute

16. Polyester is a long chain polymer of a chemical substance called

- a) Aldehyde
- b) ester
- c) Alcohol
- d) ethane

17. A regenerated synthetic fibre is

- a) Rayon
- b) nylon
- c) Terylene
- d) polythene

18. The first fully synthetic fibre is

- a) Rayon
- b) nylon
- c) Acrylic
- d) Polyester

19. The polymers in which smaller units are linked to each other in straight arrangement are called

- a) Cross-linked polymers
- b) branched polymers
- c) Linear polymers
- d) all the above

20. The synthetic plastic used for making insulation cover in electrical wires/cables is

- a. Bakelite
- b. Melamine
- c. Polyvinyl chloride
- d. Polystyrene

