

1. The single unit of a polymer is called
a) monomer b) dimer c) trimer d) polymer
2. The process by which the simple molecules are converted to polymer is called _____.
a) polymerization b) vulcanization c) both d) none
3. Which of the following is not an example of polymer
a) starch b) fat c) cellulose d) proteins
4. The monomeric unit of cellulose is
a) amino acid b) glucose c) fructose d) formaldehyde
5. The monomeric unit of protein is
a) amino acids b) glucose c) starch d) cellulose
6. The polymer having only one repeating unit is called
a) homopolymer b) co-polymer c) elastomer d) condensation polymer
7. Which of the following is not a elastomer
a) isoprene b) neoprene c) ebonite d) bakelite
8. The element used in vulcanization of rubber
a) sulphur b) carbon c) chlorine d) phosphorous
9. Example of cellulose fibre is
a) wool b) silk c) cotton d) nylon
10. Example of protein fibre is/are
a) wool b) jute c) silk d) a and c
11. First synthetic fibre is
a) rayon b) polyester c) nylon d) acrylic
12. Artificial silk is
a) acrylic b) nylon c) rayon d) polyester
13. Which of the following fibre is biodegradable
a) nylon b) rayon c) polyester d) acrylic
14. Orlon is called
a) artificial silk b) artificial wool c) PAN d) b and c
15. The monomer units of PET is
a) ethylene and terephthalic acid b) formaldehyde
c) tetrafluoro ethene d) phenol
16. Which of the following is not a property of synthetic fibre
a) dries up fastly b) allows evaporation of sweat
c) causes severe burns and catches fire d) creates static electricity when rubbed with skin
17. Which of the following is a copolymer
a) PVC b) teflon c) PP d) PET
18. The fibre obtained from coconut is
a) coir b) hemp c) flex d) jute

19. Remouldable plastic is called
 a) elastomer b) fibre c) thermosetting d) thermoplastic
20. Example of thermoplastic is
 a) PVC b) PET c) PP d) all
21. The plastic insoluble in any solvent is
 a) malamine b) bakelite c) LDPE d) a and b
22. Which of the following is not a property of plastic
 a) non corrosive b) insulator c) biodegradable d) cheaper than metals
23. Pick the odd one out
 a) urea formaldehyde resin b) bakelite
 c) malamine d) Teflon
24. Incorrect statement is
 a) thermoplastic soften on heating
 b) thermosetting plastic harden on heating
 c) thermoplastics are linear and branched chain polymers
 d) thermosetting plastics are soluble in organic solvents
25. Thermosetting plastics are _____ polymers
 a) linear polymer b) cross linked polymer
 c) branched chain polymer d) all
26. Fireman's cloth is made up of
 a) Malamine b) Bakelite
 c) Urea formaldehyde d) Polyesterine
27. Cotton fibre is sensitive to
 a) Acid b) Base c) Water d) Salts
28. Strongest fibre is
 a) Rayon b) Nylon c) Wool d) Acrylic
29. Tetrafluoroethene is the mono unit of
 a) PP b) PET c) PVC d) Teflon
30. PolyNuoprene is
 a) Artificial fibre b) Natural fibre
 c) Artificial Rubber d) Natural Rubber

1.	a	2.	a	3.	b	4.	b	5.	a	6.	a	7.	d	8.	a	9.	c	10.	d
11.	c	12.	c	13.	b	14.	d	15.	a	16.	b	17.	d	18.	a	19.	d	20.	d
21.	d	22.	c	23.	d	24.	d	25.	b	26.	a	27.	a	28.	b	29.	d	30.	c