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## Sample MCQs for students of M.Sc. Semester IV Industrial Polymer Chemistry

**Q1.** Which textile material is used in the manufacture of conveyer belt

1. Rayon
2. Polyester
3. Nylon
4. All of the above

**Q2.** Which of the following textile material bonds best with rubber

1. Cotton
2. Aramid
3. Nylon
4. Rayon

**Q3.** Operating pressure of hose mainly depends on \_\_\_\_\_

1. Type of liner compound used
2. Type of cover compound used
3. Type of reinforcement used
4. None of the above.

**Q4.** What does PCR tire means

1. **Passenger car radial tire**
2. Passenger car radial tire
3. Passenger car non radial tire
4. Both A and B

**Q5.** Which is not a key property for engine mount ?

1. Dynamic Property
2. Damping
3. Deflection property
4. Ability to be bonded with metals

**Q6.** Which of the following is not a latex product ?

1. Hand Gloves
2. Balloons
3. Condoms
4. Hoses

**Q7.** Which of the following is used predominantly as stabilizer for latex?

1. Phenols
2. Hydrochloric acid
3. Ammonia
4. None of the above

**Q8.** Tapping is a process in which?

1. Latex is stabilized by adding chemicals
2. Latex is coagulated by adding chemicals
3. Latex is extracted from rubber tree
4. Latex is destabilized by adding chemical

**Q9.** Fevicol is ..... based adhesive

1. Solvent based
2. Water based
3. Monomer based
4. None of the above

**Q10.** Feviquick has ..... sensitive curing mechanism

1. Temperature
2. Pressure
3. Air
4. Moisture

**Q11.** Geometrically tire is

1. Torus
2. Elliptical
3. Spherical
4. Cylindrical

**Q12.** The portion of tire which comes in contact with the road

1. Chafer
2. Tread
3. Side wall
4. Breakers

**Q13.** Main function of 'Breakers' is

1. Provide insulation and adhesion for ply
2. To protect cord plies against wear
3. To strengthen carcass against impact
4. To protect tyre from chaffing of bead wire

**Q14.** TWI stands for:

1. Tread wear indicator
2. Tyre wear indicator
3. Test wear indicator
4. Tread wear information

**Q15.** In tyre size 205/50R16 91V, 205 Stands for

1. Speed Symbol
2. Section width of tyre
3. Aspect ratio
4. Load index

**Q16.** PPE stands for ?

1. Protective Personal Environment
2. People Protective Equipment
3. Public Protective Equipment
4. Personal Protective Equipment

**Q17.** Which of the following is a source of biological hazard ?

1. Micro-organism
2. Glass ware
3. Microwave Oven
4. None of the above

**Q18** Which of the following is not a parameter of citation ?

1. H-index
2. i-10 index
3. Q index
4. None of the above

**Q19.** Which of the following is the Secondary Source of Information of literature?

1. Journal Articles
2. Novels
3. Dictionaries
4. None of the above

**Q20.** SI unit of weight is ?

1. Kilogram
2. Gram
3. Newton
4. None of the above