

Type: MCQ

Q1. Solvent extraction is a _____ analytical technique.

1. Separating
2. Qualitative
3. Quantitative
4. Identification

Q2. Solvent extraction is governed by which law?

1. Boyle's law
2. Ostwald dilution law
3. Nernst distribution law
4. Beer's law

Q3. Which among the following is not a membrane separation technique?

1. Ultrafiltration
2. Microfiltration
3. Reverse osmosis
4. Solvent extraction

Q4. Which among the following is chemical standardization of herbs?

1. Viscosity
2. Melting point
3. Solubility
4. Determination of saponins

Q5. When the estimation of crude drug or its preparation is done by means of its effect on living organism it is known as _____.

1. Toxicological standardization
2. Bioassay
3. Chemical examination
4. Physical examination

Q6. Which one of the following is a principle of green chemistry?

1. Atom uneconomy
2. More hazardous synthesis
3. Increase derivative
4. Prevention

Q7. Which of the following reaction is an atom economic reaction?

1. Substitution
2. Elimination
3. Grignard

4. Rearrangement

Q8. Select the correct alternative from the following.

1. Hazard = exposure X risk
2. Exposure = hazard X risk
3. Risk = hazard X exposure
4. Risk = Hazard X toxicity

Q9. Separation of _____ under the influence of electric field is called as electrophoresis.

1. Electrons
2. Protons
3. Zwitter ion
4. Charges

Q10. Electrophoretic mobility is directly proportional to _____.

1. Viscosity of the medium
2. Ionic radius of charged ion
3. Charge on the ion
4. Size of the ion