

1. (a) – (iv), (b) – (v), (c) – (ii), (d) – (vi), (e) – (iii), (f) – (i)
2. (i) convenience (ii) similarities, differences
(iii) materials (iv) same thing (v) immiscible (vi) solution
(vii) soluble (viii) insoluble (ix) miscible (x) Transparent
(xi) conductor (xii) natural
3. (i) True (ii) False (iii) True (iv) True
(v) True (vi) False (vii) True (viii) True
(ix) True (x) False (xi) True (xii) False
4. (i) (c) Materials are grouped on the basis of similarities and dissimilarities.
(ii) (b) Metals when cut, their freshly cut surface has shining.
(iii) (b) Only a part of light passes through it.
(iv) (c) Material are grouped for our convenience and to study their properties.
(v) (d) Glass, air and water, all are transparent.
(vi) (a) Except charcoal all the three will pass the light.
(vii) (a) Only turmeric powder is not soluble in water.
(viii) (c) Steel spoon is a metallic object while all others are non- metals.
(ix) (c) Iron has reddish brown colour.
(x) (c) Coconut oil is insoluble in water.