

COSMOS

SCIENCE

CHAPTER WISE SOLUTION

Chapter 1. Exercises-

Pg. 13 → **A.** 1. a. , 2. a. , 3. a. , 4. c. , 5. a, 6. d. **B.** 1. Carbohydrates, 2. Nutrients, 3. Nutrients, 4. Night blindness, 5. Iron. **C.** 1. Yes. , 2. Iodine, 3. Carbohydrates, 4. Kwashiorker, 5. Iron. , 6. Vitamin - D, 7. Vitamin – K, 8. Iodine.

Chapter 2. Exercises-

Pg. 21 → **A.** 1. a, 2. b, 3. b, 4. b, 5. a. **B.** 1. Lustrous, 2. Soft, 3. Opaque , 4. Insulator.

Pg. 22 → **C.** 1. False, 2. False, 3. False, 4. True, 5. True. **D.** 1. Gold and silver, 2. No. 3. Water, air. 4. Insulator, 5. Iron, Cobalt.

Chapter 3. Exercises-

Pg. 33 → **A.** 1. d, 2. c, 3. b, 4. a, 5. b.

Pg. 34 → **B.** 1. Heterogeneous 2. Elements , 3. Winnowing, 4. Solvent. **D.** 1. Homogenous, 2. Threshing , 3. Water.

Assignment-1. (Chap. 1 to 3)

Page 36 → **A.** 1. b, 2. b, 3. d, 4. b, 5. b, 6. c, 7. a, 8. b. **B.** Column B – 5, 4, 6, 1, 2, 3.

Chapter 4. Exercises –

Pg. 45 → **A** 1. b, 2. a, 3. c, 4. b, 5. d. **B.** 1. Shoot, 2. Axil, 3. Chlorophyll, 4. Venation.

C. Column B – 2, 4, 5, 1, 3 .

Pg. 46 → **D.** 1. Root hairs, 2. Xylem , 3. Leaf Apex, 4. Style, ovary 5. Baby plant.

Chapter 5. → Exercises

Pg. 54 → **A.** 1. a, 2. c, 3. a , 4. c. **B.** 1. Support, 2. Lower jaw, 3. Floating ribs, 4. Femur.

Pg. 54 & 55 → **C.** 1. True , 2. True , 3. False , 4. False .

Pg. 55 → **D.** 1. Skeleton system, 2. Brain , 3. 10 pairs, , 4. Exoskeleton.

Chapter 6. → Exercises

Pg. 69 → **A.** 1. a, 2. d, 3. a, 4. d. **B.** 1. Diffusion, 2. Stomata, 3. Secretion, 4. Webbed, 5. Spines . **C.** 1. True, 2. False, 3. True, 4. False, 5. True. **D.** 1. Cell. 2. Tropic movement 3. Marine , 4. Succulents, 5. Canopy.

Chapter 7. → Exercises

Pg. 79 → **A.** 1. b, 2. a, 3. a, 4. a, 5. c. **B.** 1. Handspan , 2. SI , 3. Km. , 4. Rotation, 5. Periodic.

Pg. 80 → **C.** 1. Rectilinear , 2. Random , 3. Rectilinear, 4. Rectilinear. **D.** 1. King Henry – I , 2. Romans, 3. France, 4. Km. 5. Circular .

Assignment –2 (Chap. 4 to7)

Pg. 82 → **A.** 1. b, 2. a, 3. c, 4. b. , 5. d, 6. d, 7. d, 8. d. **B.** Column B – 1, 4, 3, 2.

Assessment – I (Chap. 1to 7)

Pg. 83 → **A.** 1. b, 2. c, 3. c, 4. b. **B.** 1. Elements, 2. Chlorophyll, 3. Axil, 4. Rotational.

Chapter 8. → Exercises

Pg. 91 → **A.** 1. a, 2. b, 3. c, 4. c, 5. b. **B.** 1. Source, 2. Natural, 3. Ray, 4. Opaque, 5. Screen. **C.** 1. True, 2. True, 3. False, 4. False, 5. False . **D.** 1. Energy, 2. Sun, 3. Spectrum, 4. Transparent, 5. Rectilinear propagation of light.

Chapter 9. → Exercises

Pg. 100 → **A.** 1. b, 2. c, 3. a, 4. c, 5. d. **B.** 1. Electrolyte, 2. Positive, negative , 3. Filament, 4. Closed , 5. Conductors.

Pg. 101 → **C.** 1. True, 2. True, 3. True, 4. False, 5. True. **D.** 1. Button cells, 2. Solar cells, 3. Chemical Reactions, 4. 2, 5. Open circuit.

Chapter 10. → Exercises

Pg. 109 → **A.** 1. b, 2. b, 3. a, 4. c, 5. a. **B.** 1. North, South. 2. Repulsion, 3. Separate, 4. Iron, 5. Opposite. **C.** 1. Greece, 2. Artificial, 3. Non- magnetic, 4. Electromagnet.

Chapter 11. → Exercises

Pg.117 → **A.** 1. a, 2. b, 3. c, 4. a. **B.** 1. Ozone, 2.Oxygen, 3. Growth, 4. Green house. **C.** 1. True, 2. True, 3. False, 4. True. **D.** 1. U.V. rays, 2. Nitrogen, 3. Oxygen, 4. Gills.

Assignment -3 (Chap. 8 to 11)

Pg. 119 → **A.** 1. a , 2. d , 3. c , 4. d , 5. b , 6. d , 7. a , 8. b , 9. a. **B.** Column B - 4, 5,1, 2, 3.

Assessment – II (Chap. 8 to 11)

Pg. 120 → **A.** 1. a , 2. c , 3. b , 4. c. **B.** 1. Natural , 2. Opaque, 3. Aquatic, 4. Growth