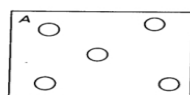


**Answers to Worksheet 3 - Elements, Compounds & Mixture  
Science(Chemistry) Theory Workbook Pg 20 to 18**

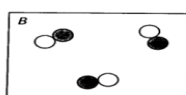
**Check It ( Pg 20 to 12)**

1. A	2. B	3. B	4. A	5. B	6. B	7. C	8. B	9. C	10. A
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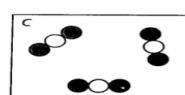
11.



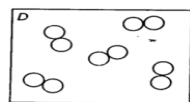
A : Element



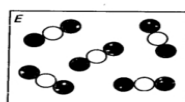
B : Compound



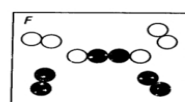
C : Compound



D : Element



B : Compound



C : Mixture

- 12a. A chemical substance formed from two or more elements chemically combined together in a fixed ratio.
- b. Zinc glowed white-hot because of a chemical reaction with chlorine and a new substance which is a white solid was formed.
- c. Unlike zinc (in the mixture), the compound zinc chloride will not conduct electricity. It also cannot be converted back to zinc and chlorine by physical means.

**Practice Question ( Pg 23 to 24 )**

- a) A : Solid      B : Gas      C : Solid      D: Solid  
E : Solid      F : Gas      G : Liquid
- b) C
- c) Process of a solid changing directly into gas without going through the liquid state.
- d) F
- e) A<sub>2</sub>, C<sub>4</sub> and D<sub>8</sub>