

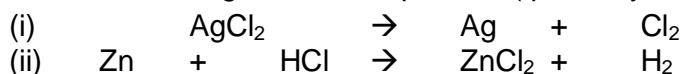
Name:..... Section:..... Roll No:..... Max.Marks:20

I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M

- 1) How can you perform chemical displacement reaction in lab by using copper sulphate solution and iron nail ? What do you observe in that experiment?
2) How can you prepare your own Pin hole camera ? What is the character of image you observed in the pin hole camera ?

II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M

- 3) Substances changes their state on heating. Give any 4 examples to support this statement
4) Balance the following chemical equations (photo synthesis reaction):

**III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M**

- 5) If glucose powder is added to a glass of water. What happened? Identify whether it is an exothermic reaction or an endothermic reaction?
6) Why do water droplets form on the surface of the vegetables which were brought out from fridge?

IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M

- 7) When ice melts, its temperature []
A. Remains constant B. Increases
C. Decreases D. We can not say
- 8) The water droplets floating in the air is called []
A. mist B. fog C. dew D. mist / fog
- 9) What would be the final temperature of a mixture of 60 g of water at 40°C temperature and 60 g of water at 80°C temperature? []
A. 70°C B. 50°C C. 60°C D. 65°C
- 10) $2\text{Mg} + \text{O}_2 \rightarrow 2\text{MgO}$ Which chemical reaction it is []
A. Combination B. Decomposition
C. Displacement D. Double displacement
- 11) Boiling point of water is boiling point of spirit. []
A. greater than B. less than C. equal to D. None of the above
- 12) Precipitate can be shown as In chemical equations. []
A. ← B. ↑ C. ↓ D. →

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