BHAR.	ATH COACHING CENT	RE
10 th CBSE	Science	Total: 50
Chemistry	1 st Unit	Time: 2.00 hrs
SECTION – A		5 x 1 = 5
4. Name the process in which	<i>,</i> ,	
SECTION – B		5 x 2 = 10
 Complete and balance the i) NaoH + ? +Na₂ So₄ Give at least four examples If all containing food mate to the change taking place 	i+ ?ii) Zn + ? + 2s of combination reactions.erial gives a bad taste and smell. Give the	-
SECTION – C		5 X 3 = 15
Write the type of reaction 12. Why respiration considere	d an exothermic reaction? Explain. er Sulphate solution change when ion na O +H2O	
15. What you mean by precipi	tation reaction explain with example?	

<u>SECTION – D</u>

- 16. Write balanced equation for following reaction
 - i) Calcium hydroxide + carbon dioxide \longrightarrow calcium carbonate + water
 - ii) Barium chloride + potassium sulphate \longrightarrow Barium sulphate + Potassium chloride
 - iii) Magnesium + Hydrochloric acid \longrightarrow Magnesium chloride + Hydrogen
 - iv) Zinc + silver Nitrate \longrightarrow Zinc Nitrate + Silver
- 17. Translate the following statements into chemical equation and balance them.
 - i) Hydrogen gas combines with nitrogen to from ammonia.
 - ii) Sodium hydroxide reacts with hydrochloric acid to produce sodium chloride and water.

5 X 4 = 20

- iii) Ferrous sulphate on heating gives shlphur di oxide, sulphur trioxide, ferric oxide and water.
- 18. Explain i) oxidation ii) reduction iii) displacement reaction iv) decomposition reaction with example.
- 19. Explain corrosion, Write the reaction of corrosion takes place iron. How can we prevent.

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