

Score: 20

GHSS CHALISSERY VIJAYASREE EVALUATION - November 2023



45 Mts

CHEMISTRY

Answer all the questions

2.	a) Draw a labelled diagram of Galvanic cell formed from Zn and Cu. b) Write the chemical equation of oxidation and reduction takes place here. c) Write the direction of flow of electrons. Write the following on the basis of industrial preparation of iron.	2 2 1
	A) Name the substances added to the blast furnace.	1
	b) Name the gangue present along with the haematite.	1
	c) Write an equation for the formation of slag.	1
	d) Write a chemical equation showing the reduction of haematite.	1
	e) Name the reducing agent used here.	1
3.	a) Name the ions present in molten sodium chloride.	1
	b) Do sodium chloride conducts electricity in solid state? Justify your answer.	2
	What are the products obtained in cathode and anode during electrolysis of sodium chloride.	1
	d) Write any two uses of electrolysis.	1

4.	a) What is the difference between calcination and roasting?
	b) Name the method for the concentration of Zinc sulphide (ZnS).
	write the characteristics of the metal which is refined by distillation. Give the name of a metal which is purified by this method.

d) Write the chemical formula of ore of aluminium.

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