Q.30 Discuss glass tank furnace.	No. of Printed Pages : 4 Roll No
Q.31 List the classification of kiln.	
Q.32 Explain optical pyrometer.	3rd Sem. / Ceramic Engg.
SECTION-D	Subject : Fuels and Furnaces
Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30	Time: 3 Hrs. M.M.: 100
Q.33 Describe the working and lining of refractory in blast furnace used in iron and steel plant.	Note: Objective type questions. All questions are compulsory (10x1=10)
Q.34 Describe the any one method of measurement of temperature in ceramic plant.	Q.1 Combustion is an chemical reaction.
Q.35 Explain the manufacturing process of producer gas and list its properties and uses.	Q.2 Air contains % of oxygen by volume.
Q.36 Describe the testing method of determination of calorific value of a given sample of coal.	Q.3 LPG stands for Q.4 Tunnel kiln is a batch type of kiln.(True/False)
caloniic value of a given sample of coal.	Q.5 Analysis of flue gas is made with the help ofapparatus.
	Q.6 Powdered coal is called as
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Q.7	Methane content in NATURAL gas is	Q.18 Define viscosity.
	percent.	Q.19 List the composition of water gas.
Q.8	Water gas is a source of hydrogen gas.	Q.20 List the two liquid fuels used in ceramic plant.
	(True/false)	Q.21 Define chimney.
Q.9	Coke is afuel.	Q.22 Define furnace.
Q.10	Determination of viscosity of Oil is done byviscometer.	SECTION-C
	SECTION-B	Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40
Note	:Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20	Q.23 Classify fuels.
Q.11	Define combustion.	Q.24 Explain solid fuels with examples.
Q.12	Define pyrometer.	Q.25 Discuss Bomb calorimeter.
	Define ignition temperature.	Q.26 Differentiate between combustible and non combustible constituents.
Q.14	List the use water gas.	Q.27 Discuss ultimate analysis of coal.
Q.15	Tell the formula of methane.	Q.28 Explain burner for liquid fuels.
Q.16	Define flash pont.	Q.29 Explain natural gas.
Q.17	Define cetane number.	Q.23 Explain natural gas.
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