

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain the construction and working of Tunnel kiln.
- Q.24 Explain proximate analysis of coal in detail.
- Q.25 Explain calorific value determination with the help of bomb calorimeter.

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3rd Sem./ Ceramic

Sub : Fuels & Furnaces / Fuel Refractory & Furnaces

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Combustion is an _____
- a) Exothermic reaction
 - b) Endothermic reaction
 - c) Nuclear reaction
 - d) None of the above
- Q.2 Which of the following fuel has the highest calorific value?
- a) Producer gas
 - b) Coal gas
 - c) CNG gas
 - d) Blast furnace gas
- Q.3 Which of the following is NOT type of Coal?
- a) Peat
 - b) Lignite
 - c) Bituminous
 - d) None of the above

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