

No. of Printed Pages : 4
Roll No.

220422

2nd Sem / Ceramic

Subject : Basics of Ceramic Engineering

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 _____ is an example of white-ware.

- a) Refractory b) Glass
- c) Earthenware d) None of these

Q.2 _____ are those refractories which are not attacked by basic slag.

- a) Acidic refractory b) Basic refractory
- c) Neutral refractory d) All of these

Q.3 The main raw material used for manufacturing glass is _____

- a) Silica sand b) Lime
- c) Clay d) Graphite

- Q.4 Percentage of silica in basic rocks is-
- a) less than 50%
 - b) More than 80%
 - c) 95%
 - d) None of these
- Q.5 Sedimentary rocks are _____ rocks.
- a) Primary
 - b) Firstly
 - c) Ternary
 - d) Secondary
- Q.6 Which of the following is planet of solar system?
- a) Ceramic
 - b) Moon
 - c) Earth
 - d) None of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Glass is organic material. (T/F)
- Q.8 Silica is major raw material of glass. (T/F)
- Q.9 Acidic rocks have low percentage of silica. (T/F)
- Q.10 Igneous rock are primary rocks. (T/F)
- Q.11 Glaciers may be defined as slow running masses of ice. (T/F)
- Q.12 Crust is layer of Earth. (T/F)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Define glass.
- Q.14 Define Cement.
- Q.15 Define refractory.
- Q.16 Discuss type of glass.
- Q.17 Discuss neutral refractory.
- Q.18 Classification of igneous rock based on silica content.
- Q.19 Write composition of igneous rock.
- Q.20 How deposition take place during geological work of river.
- Q.21 Explain geological work of sea.
- Q.22 Name two examples of glass.

SECTION-D

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

- Q.23 Describe the all types of refractories with examples.
- Q.24 Describe the properties, types and uses of glass.
- Q.25 Explain the manufacturing process of cement and list its properties and uses.