

No. of Printed Pages : 4
Roll No.

180417

1st Year / Ceramic Tech.

Subject :Basics of Ceramics Engineering

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Which of the following is true about the inner core?
- a) It is believed to be a semi solid body
 - b) It is believed to be a solid body
 - c) It is believed to be a liquid body
 - d) It is believed to be a Gaseous body
- Q.2 Which of the following is not an igneous rock?
- a) Granite
 - b) Lime Stone
 - c) Gnesis
 - d) Basalt
- Q.3 Weathering agents are
- a) running water
 - b) moving air
 - c) moving ice
 - d) all of these

- Q.4 Which one of the following is basic refractory?
 a) Carbon brick b) Metal
 c) Silica brick d) Dolomite
- Q.5 Cullet is
 a) Earthy deposits b) metallic
 c) organic d) broken Glass
- Q.6 Basic refractories are not attacked by _____
 slags
 a) Acidic b) Basic
 c) Neutral d) None of the above

SECTION-B

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

- Q.7 Geology deals with age and structure of earth. (True/False)
- Q.8 Deflation is type of wind erosion. (True/False)
- Q.9 Stoneware is one type of whiteware. (True/False)
- Q.10 Acidic rocks have high percentage of silica . (True/False)
- Q.11 Glass is normally transparent. (True/False)
- Q.12 Igneous rocks are formed by cooling and solidification of lava. (True/False)

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SECTION-C

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

- Q.13 Differentiate igneous sedimentary rocks.
- Q.14 Define Glass, Give two examples.
- Q.15 Write and explain two properties of cement.
- Q.16 Name four types of cement.
- Q.17 Discuss raw material of cement.
- Q.18 List properties of whiteware.
- Q.19 Explain classification of refractories .
- Q.20 Explain the term weathering of rocks.
- Q.21 Explain geological work of glaciers.
- Q.22 How igneous rocks are formed? Explain.

SECTION-D

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

- Q.23 Discuss geological work of wind in details.
- Q.24 Explain formation and classification of igneous rocks.
- Q.25 Describe internal structure of earth in detail.

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