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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)

## 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.