

Q.22 Name any four rocks.

### SECTION-D

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

Q.23 Explain geological work of running water.

Q.24 Explain general method of making refractories.

Q.25 Explain important parts of earth.

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### 2nd /Branch: Ceramic Engineering 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 The word ceramics comes from Greek word

- a) Ceramos                      b) Keramos
- c) Both a & b                  d) None of above

Q.2 Acidic refractories are not attacked by\_\_\_\_\_

- a) Acidic Slags                  b) Basic Slags
- c) Both a & b                  d) None of the above

Q.3 Which of the following in Raw materials of glass

- a) Sand                              b) Bell clay
- c) Fire clay                        d) Benonite

- Q.4 Example of Physical agent is
- a) Running water      b) Moving air (wind)
- c) Glaciers              d) All of the above
- Q.5 Igneous rocks are formed by cooling and solidification of
- a) Lava                      b) Magma
- c) Both a & b              d) None of these
- Q.6 Which of the following is Ceramic Products
- a) Floor tile                b) Refractory
- c) Glass                    d) All of these

### SECTION-B

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

- Q.7 The colour of ordinary Portland cement is \_\_\_\_\_ (Gray, Black)
- Q.8 Glass is \_\_\_\_\_ product of fusion. (Inorganic/Organic)
- Q.9 Silicon dioxide is major raw material of glass. (T/F)

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- Q.10 Primary or first forming rocks are called igneous rocks. (T/F)
- Q.11 The disintegration or breaking up of the rock is called \_\_\_\_\_ weathering (Physical/Chemical)
- Q.12 Refractories are those materials which can withstand high temperature. (True/False)

### SECTION-C

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

- Q.13 Define cement. Name its types.
- Q.14 Explain terracotta and stone ware in brief.
- Q.15 Difference between acidic and basic refractories.
- Q.16 Name four types of advanced ceramic products.
- Q.17 Explain classification of refractories.
- Q.18 Explain rapid hardening cement.
- Q.19 Name raw materials of glass.
- Q.20 Explain formation of igneous rocks.
- Q.21 Explain wind erosion.

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