

Q.22 Name any four rocks.

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### 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.

**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

(80)

(4)

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(1)

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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 fussion.  
(Inorganic/Organic)

Q.9 Silicon dioxide is major raw material of glass.  
(T/F)

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.