Q.22 Define the term refractory. Give its classification with examples.

SECTION-D

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

Q.23 Explain important parts of earth.

Q.24 Explain general method of manufacture of Refractories.

Q.25 Discuss in details geological work of rivers.

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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 Raw materials of whitewares are

a) Clay b) Feldspar

c) Both a and b d) All of these

Q.2 Acidic refractories are not attacked by _____

a) Acidic Slags b) Basic slags

c) Both a and b d) None of the above

Q.3 _____ cement is used for under water constructions.

a) Quick Setting b) Low heat

c) Coloured d) White

Q.4 _____ is Raw materials of glass

a) Bentonite b) Silica Sand

c) Iron oxide d) All of the above

Q.5 Important parts of earth are

a) Atmosphere b) Lithosphere

c) Hydro sphere d) All of these

Q.6 Plucking is the work of

a) Wind b) Glaciers

c) Water d) Sea waves

SECTION-B

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

Q.7 The word Ceramics comes from the Greek word Keramos. (True/False)

Q.8 Feldspar in whiteware body _____ maturing temperature. (Increases/Decreases)

Q.9 The main purpose of using refractories is to retain heat in the furnace. (True/False)

Q.10 Acidic refractories are attacked by _____ slags. (Acidic/Basic)

Q.11 Glass is made by fusing sand with soda and lime and cooling. (True/False)

Q.12 The disintegration or physical breaking up of the rock is called _____. (Physical weathering / Chemical weathering)

SECTION-C

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

Q.13 List opportunities of Ceramics Engineering.

Q.14 Write applications of whitewares.

Q.15 Explain Sheet glass in brief.

Q.16 Write properties of Refractories.

Q.17 Name raw materials of glass.

Q.18 Explain the wind erosion of rocks.

Q.19 Name properties of cement.

Q.20 Define cermets. Write its applications.

Q.21 Explain formation of igneous rocks.