No. of Printed Pages : 4
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220422

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 Ceramics products are

a) Brittle b) Hard

c) Corrosion Resistant d) All of above

Q.2 Basic 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 is Raw materials of glass

a) Silica Sand b) Dolomite

c) Feldspar d) All of the above

Q.4 Example of Physical agent is

a) Wind b) Wood

c) Metal d) All of the above

Q.5 Igneous rocks are formed by cooling and solidification of

a) Lava b) Clay

c) Both a & b d) None of these

Q.6 Abrasives materials are used for

a) Polishing b) Smoothening

c) Grinding d) All of these

SECTION-B

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

Q.7 Glass is____ product of fusion. (Organic / Inorganic)

Q.8 Refractories are materials which can withstand at high temperature. (True/ False)

Q.9 _____ the raw materials of refractories. (Alumina / Soda feldspar)

Q.10 Direct and indirect action of the physical agents on rocks is called as weathering of rock. (True/False)

Q.11 Igneous rocks are formed by cooling and solidification of lava/magma. (True/False)

Q.12 Slate is_____ rock. (Igneous / Sedimentary / Metamorphic)

SECTION-C

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

Q.13 Explain development of Ceramics.

Q.14 Define the term glass. Name its types.

Q.15 Define the term abrasives. Write its types.

Q.16 Name four types of cements.

Q.17 Explain the term weathering of rocks.

Q.18 Discuss formation of igneous rocks.

Q.19 Write properties and uses of whitewares.

Q.20 Name four properties of refractories.

Q.21 Name raw materials of glass.

Q.22 Explain earth as a planet.

SECTION-D

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

Q.23 Explain geological work of wind erosion.

Q.24 Define the term refractory. Explain its classification.

Q.25 Explain manufacture of cement.