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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 Planet nearest to the sun:-

a) Mercury b) Venus

c) Pluto d) Saturn

Q.2 Percentage of silica in acidic rocks in more than_____

a) 17% b) 27%

c) 67% d) 90%

Q.3 Which of the following is not the planet?

a) Mars b) Moon

c) Earth d) Saturn

SECTION-D

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

Q.23 Define sedimentary rocks. Explain its formation and classification.

Q.24 Describe internal structure of earth in detail.

Q.25 Explain geological work of running water.

Q.4 Physical agents are-

a) Wind b) Sea weaves

c) Running of glacier d) All of these

Q.5 Melting temperature of silicon dioxide-

a) 1710°C b) 1210°C

c) 210°C d) None of these

Q.6 Colour of ordinary portland cement is

a) Grey b) White

c) Red d) Yellow

SECTION-B

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

Q.7 Glass is opaque in nature. (True/False)

Q.8 _____ is major raw material of glass.(Sand/ Than clay)

Q.9 Geology also deals nature of surrounding (atmosphere) gases. (True/False)

Q.10 The solid part of earth is known as _____.

Q.11 Acidic rocks are light in colour and weight. (True/False)

Q.12 Igneous rocks are formed by cooling and solidification of magma.(True/False)

SECTION-C

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

Q.13 Explain classification of metamorphic rocks.

Q.14 Discuss age of earth.

Q.15 Differentiate igneous and sedimentary rocks.

Q.16 Describe sea wave erosion.

Q.17 Classify whitewares.

Q.18 Explain the therm metamorphism.

Q.19 Name igneous ricks.

Q.20 Explain internal structure of earth in brief.

Q.21 Explain classification of igneous rocks.

Q.22 Write applications of whitewares and refractories.