No. of Printed Pages : 4

Roll No.....

180417

1st Year Annual Pattern (Re-app)

Branch : Ceramic Engg.

Subject : Basic of Ceramic Engg.

Time : 3 Hrs. **M.M. : 60**

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)

Q.1 Which planet is farthest from sun.

a) Pluto b) Saturn

c) Mars d) Earth

Q.2 Nebula Hypothesis is-

a) Hot gas cloud b) Cold Air Cloud

c) Water cloud d) None of these

Q.3 Which of these is not part of the Earth

a) Hydrosphere b) Mantle

c) Core d) Crust

Q.4 Physical agents are-

a) Wind b) Running of glacier

c) Sea wave 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 _____ the approximate percentage of silica present in the igneous rock.

a) 59% b) 39%

c) 19% d) None of these

Section-B

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

Q.7 Glass is inorganic material. (T/F)

Q.8 Silicon dioxide is major raw material of glass. (T/F)

Q.9 Acidic rocks have high percentage of silica. (T/F)

Q.10 Igneous rocks are formed by cooling and solidification of magma. (T/F)

Q.11 Argillaceous rocks are those sedimentary rock. (T/F)

Q.12 Core is the layer of Earth. (T/F)

Section-C

Note: Short answer type Question. Attempt any Eight questions out of Ten Questions. (8x4=32)

Q.13 Write two raw material of glass and its function.

Q.14 Define lgneous rock.

Q.15 Explain troposphere and stratosphere.

Q.16 Discuss age of Earth.

Q.17 Describe sea wave erosion.

Q.18 Discuss any two theories of origin of Earth.

Q.19 Explain work of wind erosion process.

Q.20 Write composition of borosilicate glass.

Q.21 Explain structure of igneous rock.

Q.22 Describe different types of metamorphism.

Section-D

Note: Long answer questions. Attempt any Two questions out of Three Questions. (2x8=16)

Q.23 Explain geological work of glacier.

Q.24 Describe internal structure of Earth in detail.

Q.25 How sedimentary rocks are formed? Explain its classification.