

SECTION-D

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

Q.23 Describe important parts of the Earth.

Q.24 Explain formation of glacier and geological work of glacier.

Q.25 Explain igneous rocks and formation of igneous rocks.

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Roll No.

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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 Basic raw material of glass is-

- a) Sand
- b) Brick
- c) Castable
- d) None of these

Q.2 Planet nearest to the sun is _____

- a) Mercury
- b) Pluto
- c) Saturn
- d) None of these

Q.3 Example of Physical agent is-

- a) Wind
- b) Leaf
- c) Tree
- d) None of these

Q.4 Percentage of silica in acidic rock is -

- a) More than 67%
- b) More than 20%
- c) More than 10%
- d) None of these

Q.12 Slate is metamorphic type of rock. (T/F)

Q.5 Petrology deals with -

- a) Formation of rocks
- b) Formation of water
- c) Formation of atmosphere
- d) None of these

Q.6 Which of the following is not a planet of solar system-

- a) Mars
- b) Moon
- c) Earth
- d) Saturn

SECTION-B

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

Q.7 Glass is an _____ material. (Organic/ Inorganic)

Q.8 Formula of aluminium oxide is _____.
($\text{SiO}_2/\text{Al}_2\text{O}_3$)

Q.9 Name one glass industry in India.

Q.10 Formula of lime stone is _____. ($\text{CaCO}_3/\text{MgCO}_3$)

Q.11 Igneous rocks are formed by cooling and solidification of magma. (T/F)

SECTION-C

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

Q.13 Define glass. Name any two raw materials used to make glass.

Q.14 Describe Earth as planet.

Q.15 Discuss age of Earth.

Q.16 Explain wind erosion process.

Q.17 Discuss formation of igneous rocks.

Q.18 Classification of igneous rock based on silica content.

Q.19 Explain Kant's and Nebular Hypothesis related to origin of Earth.

Q.20 How deposition takes place during geological work of river.

Q.21 Explain geological work of sea.

Q.22 Write formation of metamorphic rocks.