

- Q.23 Explain the term weathering of rocks.
- Q.24 Describe sea-shore line problems.
- Q.25 Explain how erosion takes places during geological work of glaciers.
- Q.26 Describe age of earth.
- Q.27 Classify sedimentary rocks.
- Q.28 Discuss importance of faults.
- Q.29 How erosion takes place in case of glaciers? Explain.
- Q.30 Give examples of sedimentary and metamorphic rocks.
- Q.31 Differentiate faults and joints.
- Q.32 Explain formation of sedimentary rocks.
- Q.33 Explain formation of metamorphic rocks.
- Q.34 Explain earth as a planet.
- Q.35 Explain sea weave erosion.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain internal structure of earth.
- Q.37 Explain formation, classification and texture of igneous rocks?
- Q.38 Discuss geological work of running water in details.

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#### Ceramic Engineering Subject:- Geology

Time : 3Hrs.

M.M. : 100

#### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Geology deals with
- a) Age of earth                      c) Hydrosphere  
b) Atmosphere                      d) All of above
- Q.2 The percentage of silica in mantle is
- a) Zero                                  c) Very low  
b) 50%                                  d) 40%
- Q.3 Mantle part of earth extends up to depth of
- a) 11 km                                  c) 500 Km  
b) 2900 km                              d) 6370 Km
- Q.4 Dunes are formed by
- a) Deposition of clay  
b) Deposition of coarse sand particles  
c) Deposition of fine sand particles  
d) None of these
- Q.5 Which one of the following is NOT an igneous rock?

- a) Granite                      c) Basalt  
b) Lime stone                  d) Gnesis
- Q.6 Running water having carbon dioxide dissolves  
a) Sandstone                  c) Limestone  
b) Basalt                      d) Iron
- Q.7 According to radio activity principle, age of earth is  
a) 45 Million years          c) 450 Million years  
b) 4500 Million years      d) 45000 Million years
- Q.8 Aeolin deposits are  
a) Running water deposits  
b) Glacier deposits  
c) Wind deposits  
d) Sea Water deposits
- Q.9 Chemical weathering is most active in  
a) Warm areas                  c) Wet areas  
b) Low lying areas          d) All of the above
- Q.10 Core of an earth is made up of  
a) Iron and Aluminum      c) Iron and Cobalt  
b) Iron and Nickel          d) Iron and Silica

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Troposphere extends from the surface or earth \_\_\_\_\_ km on the average. (11, 2900, 6370)

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- Q.12 The disintegration or breaking up of rocks is called \_\_\_\_\_ weathering. (Physical, chemical, thermal)
- Q.13 Dunes are formed during geological work of running water . (True/False)
- Q.14 The rocks having silica percentage more than 67 are called \_\_\_\_\_ rocks. (Acidic, Basic)
- Q.15 Slate is an example of \_\_\_\_\_ rock. (Igneous, Sedimentary, Metamorphic)
- Q.16 The solid part of earth is called lithosphere . (True/False)
- Q.17 The process in which loose particles are removed by impact of blowing wind is known as deflation. (True/False)
- Q.18 Horizontal distance between hanging and foot wall is known as \_\_\_\_\_. (Hade, Heaven, Throw)
- Q.19 The rocks which contain less than 50% of silica is known as \_\_\_\_\_. (Plutonic rocks, Basic Rocks)
- Q.20 The disintegration or breaking up of rocks is called Physical weathering. (True/False)

### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 How Joints are important? Discuss.  
Q.22 Explain erosion of wind.

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