B.Tech 6th Semester (Civil) F-Scheme Examination,

May-2017

ENGINEERING GEOLOGY

Paper-CE-312-F

Time allowed: 3 hours] [Maximum marks: 100] Signate: Attempt any five questions selecting first question as compulsory.

1. Attempt any five:

(a) What are sedimentary rocks?

(b) Define anticline and syncline

(c) Define spring and artesian well

(d) What is soil profile?

(e) Define stratigraphy

(f) Discuss intensity of earthquake

2. (a) Define Geology and list down various substances.

divisions of geology

3 evidence.

What is soil profile? Discuss its importance. 18 Give a general view of the internal structure of the Earth as revealed by the seismological

w (a)

24383-P-3-Q-9 (17)

3 Define a mineral, a rock and an ore

4

3 Explain important physical properties of minerals that are commonly studied for their identification.

(a) parts of faults as understood in structural Describe with the help of neat sketches, various engineering.

ङ What are folds? Give an outline of classification of folds.

techniques for geological and hydrological survey of Write a short note on uses of remote sensing

.7 3 æ Write an essay on "Ground water and Give an account of the various properties and functions of an aquifer. Engineering Practice"

00

(E)

Give a general account of geological characters

that have to be known for location of a DAM

24383

Give a broad account of geological conditions

9

(a) that influence the stability of a road cut.

a) Explain the importance of understanding geology.

b) How rock quality at a foundation site can be improved by artificial treatment?

10 en of the stability.

Download all Notes and papers from a late of the stability.

Download all Notes and papers from the stability of a road cut.

10 en of the stability.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of a road cut.

10 en of the stability of th

9.

9

24383