

MODULE : 01

INTRODUCTION

Hours : 06

Marks : 12

Branches of Geology useful in Civil Eng.

Geology

(From Greek; Geo = Earth & Logos = Science)

Geology is the science that deals with study of earth as a planet. Thus it include essence of scientific study deals with age, origin & structure of earth. It also deals with evolution, modification & extension extinction of various surface & subsurface physical features like mountains, plateaus, plains, valleys, basin caves & all coastal marine & submarine forms

i. Main Core Branches of Geology

a) Physical Geology : Study of upper surface of earth i.e. mountains, valley, plains, & time to time change in it due to weathering & erosion & study of landslides, volcanism, earthquake

b) Mineralogy : Mineralogy is the branch of geology deals with the scientific study of minerals. Minerals are Naturally occurring, Inorganic, Solid, Definite Chemical composition, Internal structure. In mineralogy mostly studied its optical properties i.e. internal structure of minerals that is cubic, hexagonal, etc.

c) Petrology : (From greek, Petro = Rock) Study of origin, texture, structure, formation, composition of different types of rocks etc.

Applied Engineering Geology Notes

JR Anderson



Applied Engineering Geology Notes:

Unveiling the Energy of Verbal Artistry: An Emotional Sojourn through **Applied Engineering Geology Notes**

In some sort of inundated with screens and the cacophony of quick interaction, the profound energy and psychological resonance of verbal beauty usually diminish in to obscurity, eclipsed by the continuous assault of noise and distractions. However, set within the musical pages of **Applied Engineering Geology Notes**, a captivating work of literary splendor that impulses with organic feelings, lies an wonderful journey waiting to be embarked upon. Composed by way of a virtuoso wordsmith, that enchanting opus books viewers on a psychological odyssey, lightly revealing the latent possible and profound affect stuck within the delicate web of language. Within the heart-wrenching expanse of this evocative examination, we shall embark upon an introspective exploration of the book is key styles, dissect their charming publishing design, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

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