



**QP Code : 30687**

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- 4 (a) Describe lithology, classification and economic importance of Deccan Traps. 10  
(b) What are the laws of stratigraphy? 04  
(c) Describe geological and engineering properties of rocks as building stones. 06
- 5 (a) Give an account of the various properties and function of an aquifer. What is the difference between confined aquifer and unconfined aquifer? 10  
(b) What are the forces acting on a dam? What is the influence of various geological features on the site selection of a dam? 10
- (6) Write short notes on (any five) (04x5)
- (i) Classification of folds
  - (ii) Unconformity
  - (iii) Methods of artificial ground water recharge
  - (iv) Types of Joints
  - (v) Metamorphism
  - (vi) Chemical Weathering