

## **CE8392 – ENGINEERING GEOLOGY**

### **Important 2 mark Questions**

1. What is perched water table?
2. Name any four branches of geology?
3. Explain the properties and uses of mica?
4. Bring out the difference between muscovite and biotitic?
5. Write any four structural forms of minerals?
6. Define lopoliths?
7. Write a short note on dykes?
8. Define fossils?
9. Write any two uses of geological maps?
10. Define garben?
11. Define remote sensing?
12. What is spill way of dam?
13. What is siting?
14. List out the causes of land sliding?
15. What do you mean by a traffic tunnel?
16. Illustrate the geological work of sea and its Engg considerations.
17. Demonstrate the landform and process associated with ground water.
18. Explain the features, chemical composition, physical properties, varieties, origin and uses of Feldspar Family of various minerals.
19. Explain the physical properties of common rock forming minerals.
20. Distinguish in detail about the physical properties and uses of Feldspar and pyroxene group of minerals.
21. Distinguish in detail about the chemical composition, physical properties, origin, varieties and uses of Amphibole, calcite and Mica group of minerals.
22. Explain the mineralogical composition, texture, engg properties and uses of Laterite<sup>4</sup>, Basalt, Quartzite, Shale, Slate and Gneiss.
23. Explain on textural and structural classification of igneous rock.

24. Differentiate igneous, sedimentary and Metamorphic rocks on the basis of structure and texture?
25. Differentiate with the characteristics, mineralogical composition, texture Engg properties and uses of Granite, Dolerite, Sand stone, Lime stone, Schist and Marble.
26. Explain on faults, their causes and effects on the Engg quality of rocks.
27. Explain with neat sketches on folds, classification, of folds, folding processes and there civil Engg significations.
28. Analyze the dam disaster? Discuss these geological situation which When ignored could be the cause of the possible dam disaster.
29. Examine the important geological factors governing coastal prone and give various coasted protection structures.
30. List out the components of remote sensing and applications of Remote sensing?
31. Categorize Remote Sensing and photogrammetry?
32. List out with appropriate figure on the types, causes of landslide and their migration measures.
33. Examine with case studies explain how ground water investigation and exploration is carried out by civil engineers.