

**18U624**

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Name: .....

Reg. No.....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2021**

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

**CC15U GL6 B20 - INDIAN MINERAL DEPOSITS**

(Geology - Core Course)

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

*Draw neat sketches wherever necessary*

**Part A**

Answer *all* questions. Each question carries 1 mark.

1. Name two important ore minerals of manganese.
2. Major ore of zinc and its chemical composition.
3. The important Thorium bearing mineral in the beach placers of Kerala.
4. Name the first uranium mine in India.
5. Mineralogical name of Lithium bearing mica.
6. Name and composition of a precious variety of corundum.
7. The most productive lignite mine in South India.
8. The district in Kerala where placer gold is locally extracted.
9. Chemical composition of wollastonite.
10. The basin with the largest reserve of crude oil in India.

**(10 x 1 = 10 Marks)**

**Part B** (Short answer type questions)

Answer any *ten* questions. Each question carries 2 marks.

11. Asbestos and associated rocks.
12. Digboi Oil Field.
13. Fixed constituents of coal.
14. Mangampetta Barytes.
15. Industrial use of graphite.
16. Emery.
17. Tin deposits in India.
18. Industrial use of gypsum.
19. Minerals used in ceramic industry.
20. Refractory minerals.

21. Properties of gemstones.
22. Strategic and critical minerals.

**(10 x 2 = 20 Marks)**

**Part C** (Paragraph type questions)

Answer any *five* questions. Each question carries 6 marks.

23. Lead and zinc deposits in India.
24. Banded Iron Formations.
25. Chromite deposits in Odisha.
26. Uranium deposits in India.
27. Kodarma mica deposits.
28. Distribution of coal deposits in India.
29. Oil traps.
30. Theories on origin of petroleum.

**(5 x 6 = 30 Marks)**

**Part D** (Essay type questions)

Answer any *two* questions. Each question carries 10 marks.

31. Give an account of the mode of occurrence, distribution and important use of abrasive minerals in India.
32. Explain the origin, mode of occurrence and classification of coal.
33. Give a brief account of the mineral resources of Kerala.
34. Describe the mode of origin and distribution of major bauxite deposits of India.

**(2 x 10 = 20 Marks)**

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