

PUC I MODEL QUESTION PAPER FOR ANNUAL EXAMINATION

Subject: GEOLOGY (37)

Hours: 3 hrs. 15 min

Maximum Marks: 100

Note:

- All the parts are compulsory
- Draw diagrams wherever necessary
- Write the question numbers properly

PART - A

I. ANSWER ALL THE FOLLOWING QUESTIONS. (10 X 1 = 10)

1. Name any two branches of geology.
2. What is diameter of earth?
3. What is Meteorite?
4. What is oceanic crust?
5. What are exogenous process?
6. Define weathering?
7. What is epicenter?
8. Define volcano?
9. Define mineralogy?
10. What is solid angle?
11. What is long form of I.S.R.O?
12. What is N.I.O.?

PART B

II. ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS. (5 X 2 = 10)

13. What is geomorphology?
14. Name inner group of planets.
15. What are comets?
16. Define rotation of the earth?
17. Define atmosphere.
18. What is abrasion or corrosion?
19. Name the quartz group of mineral.
20. Name the parameters of the morphology of crystal.

PART- C

III. ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS. (5 X 3 = 15)

21. Write a note on troposphere.
22. What is evaporation?
23. Explain types of lustre.
24. Write types of volcano.

25. What is Plane of symmetry?
26. Write a note on air pollution.
27. What is the role of G.S.I.?
28. Explain porosity and permeability.

PART D

IV. ANSWER ANY TWO OF THE FOLLOWING (2 X 5 = 10)

29. Explain karst topography.
30. With neat labeled diagram describe water cycle.
31. Write products of weathering.
32. Explain big bang theory.

V. ANSWER ANY TWO OF THE FOLLOWING (2 X 5 = 10)

33. Explain geological action of wind.
34. Explain products of volcano.
35. Write the symmetric characters of hexagonal system.
36. Explain types of glaciers.

VI. ANSWER ANY THREE OF THE FOLLOWING (3 X 5 = 15)

37. With neat labeled diagram write a note on triclinic system.
38. Describe geological action of river.
39. Explain Moh's scale of hardness.
40. Describe types of fractures.
41. With neat labeled diagram write a note on seismograph.

PART – E (Practical)

VII. ANSWER ANY SIX THE FOLLOWING (6 X 5 = 30)

42. Explain symmetry characters of Tetragonal system.
43. Describe physical properties of minerals.
44. Describe crystallographic axes, forms of orthorhombic system
45. Explain the determination of Interfacial angle with the help of Contact Goniometer.
46. Explain physical properties of feldspar group of minerals.
47. Explain physical properties of quartz group of minerals.
48. Explain symmetry characters of monoclinic system.
49. Describe Mica group of minerals.
50. Explain the determination of specific gravity by walker's steel yard balance method.
