PUC - I

MODEL QUESTION PAPER 1

FOR REDUCED SYLLABUS, 2020-21

Hours: 3 hrs. 15 min | GEOLOGY (37) | 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. What is diameter of earth?
2. What is Meteor?
3. What are agents of weathering?
4. What is Pedestal rock?
5. What is Hypocenter?
6. What is dormant volcano?
7. What is Amethyst?
8. What is an Edge in a crystal?
9. What is long form of G.S.I.?
10. What is the long form of N.I.O.?

PART B

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

11. What is petrology?
12. Define is universe.
13. What is the shape of the earth?
14. What is the rotation of the earth?
15. What is Hydrosphere?
16. What is attrition?
17. Define Colour.
18. Write axial relation of Hexagonal system.

PART- C

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

19. What is Geophysics?
20. What is Condensation?

21. Define Hydration?
22. Define Epicenter with diagram
23. What is Plane of symmetry
24. What are metallic ores?
25. What is the role of O.N.G.C.
26. Continental crust

PART D

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

27. Biological weathering
28. Describe Geosphere.
29. Write products of weathering.

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

30. With neat labeled diagram Describe Seismic waves
31. Define lusters and its types
32. Write the symmetric characters of Tetragonal System

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

33. With neat labeled diagram explain typical volcano
34. Describe Erosional features of river.
35. Describe Frost action weathering.
36. Describe Fractures and its types.
37. With neat labeled diagram explain morphology of the crystal.

PART – E (Practical)

VII. ANSWER **ALL** THE FOLLOWING (6 X 5 = 30)

38. Explain symmetry characters of Isometric system.
39. Describe Physical properties of Mica Group.
40. Describe crystallographic axes, symmetry characters, forms of Tetragonal system.
41. Measurement of Interfacial angle of a crystal using Contact Goniometer.
42. Write uses of feldspar group of minerals.
43. Explain forms of hexagonal system.

PUC - I

MODEL QUESTION PAPER 2

FOR REDUCED SYLLABUS, 2020-21

Hours: 3 hrs. 15 min GEOLOGY (37) 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. What is average density of earth?
2. What is Comet?
3. What is Eluvium?
4. What is Erosion?
5. Define magma.
6. What is S wave?
7. What is Jasper
8. What is solid angle?
9. What is the long form of N.I.H.?
10. What is the long form of N.M.D.C.?

PART B

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

11. What is asteroid belt?
12. What is Mineralogy?
13. What are the parameters of the earth?
14. What is the earth's Revolution?
15. What is Geosphere?
16. What is Deflation?
17. Define Streak
18. Write axial relation of tetragonal system

PART- C

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

19. What is Geomorphology?
20. Define interfacial angle with diagram.

21. What are the properties of atmosphere?
22. Write a note on Pedestal rock.
23. What is seismogram.
24. Give example of nonmetallic ore.
25. Write a note on mantle.
26. Write the role of GSI ??

PART D

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

27. Describe Discontinuities of Earth.
28. With neat labeled diagram describe dunes.
29. Define exogenous and endogenous processes.

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

30. With neat labeled diagram Describe earthquake
31. Define tenacity and its types
32. Write the symmetric characters of Isometric System.

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

33. Erosional features of wind
34. Mechanical weathering
35. Explain Types of volcano
36. With neat labeled diagram define Cleavages with examples.
37. Describe symmetric characters of a crystal.

PART – E (Practical)

VII. ANSWER **ALL** THE FOLLOWING (6 X 5 = 30)

38. Explain symmetry characters of Hexagonal system.
39. Describe Physical properties of Quartz Group of minerals.
40. Describe Moho's hardness Scale.
41. Explain different types habit/form with example.
42. Write uses of Mica group of minerals.
43. Explain forms of Isometric system.