

QP CODE: 25004411



Reg No :
Name :

**UNDER GRADUATE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS,
FEBRUARY 2025**

Fifth Semester

(Offered by the Board of Studies in Geology)

OPEN COURSE - GL5OPT01 - UNDERSTANDING THE EARTH

2022 Admission Only

05707B61

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is the volume of earth?
2. Composition of mantle.
3. Name the major zones of ground water.
4. Differentiate hydrolysis and hydration.
5. What is soil profile?
6. Define the term masswasting.
7. Write a note on love waves.
8. What can cause a tsunami?
9. What is lustre?
10. Cleavage of Calcite.
11. The chemical composition of gold is ----- and silver is -----
12. Give an example of sedimentary rock.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Write a note on runoff and infiltration of water.





14. Different types of well.
15. Methods of natural and artificial recharge.
16. Add a short note on exogenic processes.
17. How will you distinguish earth flow from grain flow?
18. Shield volcano and cinder cone.
19. Differentiate Richter scale and Mercalli scale.
20. What are minerals? Add a note on classification of minerals.
21. What are the modes of fossilization?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write an essay on different branches of geology.
23. Give a detailed note on mass wasting.
24. Give an account of the types of volcanoes and add a note on various products of volcanism.
25. Give an account of fossil, fossilization and modes of fossilization.

(2×15=30)

