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Name.....29

Reg. No.....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION  
NOVEMBER 2014**

(UG-CCSS)

Core Course – Geology

GL 5B 09 – STRATIGRAPHY AND INDIAN GEOLOGY

Time : Three Hours

Maximum : 30 Weightage

*Illustrate your answers with neat sketches wherever necessary.*

*Answer all questions.*

I. Choose the correct answer :

1. Palaeocene is within the :

(a) Archaeozoic Era.

(b) Palaeozoic Era.

(c) Mesozoic Era.

(d) Cenozoic Era.

2. Time rock unit of age is :

(a) Zone.

(b) System.

(c) Series.

(d) Stage.

3. Karewa is :

(a) Precambrian.

(b) Proterozoic.

(c) Palaeozoic.

(d) Pleistocene.

4. Glossopteris is :

(a) Dharwar.

(b) Vindhyan.

(c) Aravalli.

(d) Gondwana.

Fill up the blanks :

5. Purana Group corresponds to \_\_\_\_\_.

6. Pulivendala is known for \_\_\_\_\_ deposit.

7. The oldest Greenstone Belt in Karnataka is \_\_\_\_\_.

8. Type area of Jurassic Group is \_\_\_\_\_.

Match the following :

9. Quilon Beds - Assam.

10. Naharkotiya oil field - Precambrian.

11. Stromatolites - Gondwana.

12. Talchir Boulder Bed - Tertiary.

(12 × ¼ = 3 weightage)

**Turn over**

II. Define the following :

13. Bagh Beds.
14. Umia Series.
15. Kurnool Group.
16. Orogeny.
17. Uniformitarianism.
18. Granulites.
19. Peninsular Gneiss.
20. Biostratigraphy.
21. Uttathur Stage.

(9 × 1 = 9 weight)

III. Answer any *five* in a paragraph :

22. Law of Order of Superposition.
23. Imperfections in geologic record.
24. Delhi Super Group.
25. Age of Saline Series.
26. The Lilang System.
27. Siwalik fauna and flora.
28. Pleistocene glaciation.

(5 × 2 = 10 weight)

IV. Answer any *two* essays from the following :

29. Briefly Describe the Cretaceous of Trichinopoly. Add a note on the life during Cretaceous.
30. Write an essay on Vindhyan Super Group. Add a note on the economic importance.
31. Describe the stratigraphy, structure, geologic history and life during Gondwana.

(2 × 4 = 8 weight)