RAMAKRISHNA SARADA MISSION VIVEKANANDA VIDYABHAVAN

GEOGRAPHY HONOURS\_SEMESTER - I

INTERNAL EXAM -2023

CC1 (GEOMORPHOLOGY & GEOTECTONICS)

FULL MARKS – 40

TIME – 2 hrs.

DATE – 09.01.2023

A. Answer any one of the following questions: 1x10=10

(Each answer must be within 600 words)

1. What is plate tectonics? Explain the tectonic activities and landforms along different convergent plate boundaries with suitable diagrams. 2+8 **(AP)**

2. Explain different types of mechanical weathering processes with proper diagrams. Explain the formation of tors. 7+3 **(SM)**

B. Answer any four of the following questions: 4x5=20

(Each answer must be within 150 words)

3. What are the different discontinuities? Mention their location in the earth’s interior. **(AP)**

4. Distinguish between physical weathering and chemical weathering. **(SM)**

5. What are the landforms produced by aeolian erosion? **(ND)**

6. Identify the characteristic features of landforms during the youth and mature stages of the Davisian model. **(ND)**

7. Briefly explain the major folds with suitable diagrams. **(KD)**

8. Discuss the different causes for the formation of folds. **(KD)**

C. Answer any five of the following questions: 5x2=10

(Each answer must be within 50 words)

9. What is a seismic shadow zone? **(AP)**

10. What is ‘Tombolo’? **(SM)**

11. What is ‘erratics'? **(ND)**

12. What is meant by the ‘trio of Davis’. **(ND)**

13. Differentiate ‘tarn’ & ‘paternoster lake’. **(ND)**

14. Define ‘anticlinorium’ and ‘syncline’. **(KD)**

15. What is palaeontology? **(KD)**

16. Define stratigraphy. **(KD)**