

KANYASHREE UNIVERSITY

M.A. / M.Sc. 1st SEMESTER EXAMINATION 2022

Subject- Geography

Course- CC-102

Climatology

Full Marks- 40

Time- 2.00 Hours

Group- A

[Answer **any four** questions]

(4x5=20 marks)

1. Give a brief account of the prediction system of the Asian summer monsoon.
2. Describe the natural causes of climate change.
3. Briefly describe the Hadley cell.
4. Describe the concept of the climate cycle.
5. Write a short note on primary wind circulation.
6. Write in brief about the role of heat and moisture in condensation.
7. Discuss the linkages of the climatic system with hydrosphere and ecosphere.

Group- B

[Answer **any two** questions]

(2x10=20 marks)

8. What do you mean by bio-climatology? How are human health and comfort affected by climate? (3+7)
 9. What are urban heat islands? Elucidate the impact of climate on urban planning and architecture. (3+7)
 10. Give an account of the evidence of climate change.
 11. Describe the various types of tropical air mass stating their source region and characteristics.
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