

KANYASHREE UNIVERSITY

M.A. / M.Sc. 1st Semester Examination-2023

Subject: GEOGRAPHY

Course- CC 102
CLIMATOLOGY

Full Marks-40

Time-2.00 Hours

Group A

[Answer **any four** of the following]

5×4=20

1. Give a brief account of the prediction system of the Asian monsoon.
2. Briefly describe the natural causes of climate change.
3. Write a short note on Hadley Cell.
4. What do you mean by Convergence and Divergence of air masses?
5. Write a short note on the water budget.
6. What do you mean by Agro-climatology? Write in brief about the crop-calendar.
7. Discuss the linkages between climatic systems and ecosphere.

Group B

[Answer **any two** of the following]

10×2=20

1. Describe the mechanism of El-Nino and its impact on Indian Monsoon. (6+4)
2. What do you mean by Bio-Climatology? How human health and comfort are affected by the climate. (2+8)
3. What do you mean by urban heat island? Elucidate the impacts of climate on urban planning and architecture. (2+8)
4. Describe the various types of tropical air masses of Asia and Europe. Explain briefly its characteristics. (10)
