

KANYASHREE UNIVERSITY

M.A / M.Sc. 1st Semester Examination-2024

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. State the influence of climate on urban architecture.
2. Mention the characteristics of *El Nino*.
3. Write a short note on climatic trends in the Holocene period.
4. Give a brief account of the evidences of climate change.
5. Distinguish between heat and cold waves.
6. Differentiate stability from instability in the atmosphere.
7. Specify the significance of Walker Cell in atmospheric circulation.

GROUP – B

(Answer **any two** of the following)

(10× 2=20)

1. How do atmospheric instabilities affect cloud formation? Mention the forms of precipitation. (6+4)
2. Discuss the favourable conditions and mechanism of the development of tropical cyclone. (3+7)
3. Bring out the significance of weather forecasting. Make an outline on the approaches and techniques of weather forecasting. (3+7)
4. Analyse the origin of Asian monsoon. Highlight the recent trend of Indian monsoon. (7+3)
