

Lecture pattern of B.A. Geography Honours under CBCS

Semester-III

DC6A: Statistical methods in geography (Theory)

Teacher: Avijit Roy

Suggested Books:

1. Berry B. J. L. and Marble D. F. (eds.) (1968): Spatial Analysis – A Reader in Statistical Geography, Prentice Hall.
2. Gupta, S.P. (2003): Statistical Methods (31st Edition), S. Chand & Sons.
3. King L. S. (1969): Statistical Analysis in Geography, Prentice-Hall.
4. Mahmood A. (1977): Statistical Methods in Geographical Studies, Concept Publishing Company, Delhi.
5. Sarkar, A. (2013): Quantitative Geography: Techniques and Presentations. Orient Black Swan Private Ltd., Orient Blackswan Pvt. Ltd, New Delhi

L. No	Statistical methods in geography (Theory)	Remarks
1	Concept of measures dispersion	AR
2	Types of measures of dispersion	AR
3	Concept of range and its implications	AR
4	Concept of quartile	AR
5	Application of quartile deviation	AR
6	Concept of mean deviation	AR
7	Application of mean deviation	AR
8	Concept of standard deviation	AR
9	Application of standard deviation	AR
10	Coefficient of variation and coefficient of quartile deviation	AR
11	Application of coefficient and coefficient of quartile deviation	AR
12	Group discussion by student	AR
13	Short-out problems	AR
14	Class test	AR
15	Introduction of correlation	AR
16	Types of correlation	AR
17	Concept of Rank correlation	AR
18	Application of rank correlation	AR
19	Product moment correlation	AR
20	Application of product moment correlation	AR
21	Concept of regression	AR
22	Application of regression	AR
23	Concept of time series analysis	AR
24	Short-out problems	AR
25	Class test	AR
26	Revision	AR

27	Revision	AR
28	Class test	AR

DC6B: Statistical methods in geography (Practical)

Teacher: Avijit Roy

Suggested Books:

1. Alvi, Z., 1995. Statistical Geography, Rawat Publishers, Jaipur.
2. Gupta, S.P. (2003): Statistical Methods (31st Edition), S. Chand & Sons.
3. Ishtiaque, M., 1994. Practical Geography, Jawahar Pub., New Delhi.
4. Khullar & Rastogi, King's Practical Geography, Educational Publisher, Delhi.
5. Khan, Z, A, 1998. Text Book of Practical Geography, Concept Publishing Company, Delhi.
6. Mahmood, A., 1986. Statistical Methods in Geographical Studies, Rajesh Pub., New Delhi.
7. Sarkar, A. (1997): Practical Geography: A systematic approach, Orient Longman Ltd, Hyderabad

L. No	Statistical methods in geography (Practical)	Remarks
1	Introduction of correlation	AR
2	Computation of correlation (Pearson)	AR
3	Interpretation of correlation value	AR
4	Importance of correlation in statistics	AR
5	Introduction of regression	AR
6	Class practice	AR
7	Class practice	AR
8	Calculation of regression	AR
9	Graphical presentation of regression	AR
10	Importance of regression in statistics	AR
11	Class practice	AR
12	Class practice	AR
13	Group discussion by students	AR
14	Short-out major problems	AR
15	Class test	AR
16	Revision	AR
17	Revision	AR
18	Class test	AR