

Total Marks: 75

Duration: 2.5 hrs

N.B:1. All questions are compulsory.

2. Figures to the right indicate marks.

3. Draw neat and labeled diagrams wherever necessary.

- Q.1) (A) Explain Antarctic Region. (7)
- OR
- (A) Describe fauna of Palaearctic Region. (7)
- (B) Describe Ethiopian Region. (8)
- OR
- (B) Explain Realm Neogaea. (8)
- (C) Attempt any ONE of the following: (5)
- (i) Define Oriental Region.
- (ii) Write a note on four pattern of distribution.
- Q.2) (A) Describe Hunter & Gatherer (7)
- OR
- (A) Explain how the invention of fire helped prehistoric humans for the development and survival (7)
- (B) Explain Cultural Evolution of Tools. (8)
- OR
- (B) Explain Phases of Cultural Evolution. (8)
- (C) Attempt any ONE of the following: (5)
- (i) Types of food in prehistoric time.
- (ii) Write a note on costume prehistoric time.

Q.3) (A) The following data gives the weight distribution of students in a class: (7)

Weight (in kgs)	43	65	13	38	45	26	37	58	49
No. of Students	41	16	19	8	12	13	10	16	14

Find Mean, Median and Mode.

OR

(A) i) Draw scatter diagram & comment on the relationship between no.of apples crushed & juice produced (in litres) (7)

No. of apples crushed	56	68	65	34	40	45	68	76	71
Juice produced	63	58	54	76	31	42	52	78	61

ii) Find Quartiles Q_1, Q_2, Q_3 for following data : 35, 61, 73, 33, 45, 46, 67, 34, 51.

(B) For two attributes A & B we have $(AB) = 50$, $(B) = 400$, $(A) = 1350$ and $N = 1800$. (8)
Compute the Yule's coefficient of association & the coefficient of colligation.

OR

(B) Find mean, median & mode for the following frequency distribution: (8)

x	6	7	8	9	10	11
f	8	12	14	11	19	20

(C) Attempt any ONE of the following: (5)

(i) The marks obtained by 13 students in a class who passed certain examination are as follows:

70, 60, 50, 60, 67, 60, 65, 54, 65, 76, 83

Calculate Mean, Median & Mode.

P.T.O

- (ii) Following are the temperatures recorded in certain city: 35, 38, 45, 65, 39, 37, 54, 36

Compute the following a) median b) mean c) range

Q.4) Attempt Any THREE of the following:

(15)

- (i) Write a note on Nearctic Region.
- (ii) Enlist character of Australian Region.
- (iii) Farming in prehistoric time.
- (iv) Define culture of Early Man.
- (v) The following table shows the no. of lectures attended & marks obtained by 10 students.

No. of lectures attended	59	28	46	68	82	62	75	45	65	85
Marks obtained	67	70	64	40	85	48	20	42	55	63

Draw scatter diagram & comment on the relationship between marks obtained & no. of lectures attended.

- (vi) For the following data : 30, 34, 14, 53, 21, 23, 17, 13, 24, 31, 48

a) find Outliers.

b) compute quartile derivation

~~~~~All the best~~~~~