

No. of Printed Pages : 4 **MGGL-002(Set-I)**

**MASTER OF SCIENCE IN
GEOGRAPHY (MSCGG)
Term-End Practical Examination
June, 2025**

**MGGL-002(Set-I) : METHODS OF
GEOGRAPHICAL ANALYSIS : QUANTITATIVE
AND QUALITATIVE**

Time : 3 Hours

Maximum Marks : 50

Note : Attempt any *five* questions. Marks are indicated against each question.

1. The rainfall data of 90 days are given below.
Find out the arithmetic mean of the following data : 10

Rainfall (CM)	No. of Days
0–10	08
11–20	12
21–30	18

[2]

MGGL-002(Set-I)

31-40	24
41-50	20
51-60	07
61-70	11

2. Marks of 100 students are given below.
Calculate the standard deviation of the
following data : 10

Marks Obtained	No. of Students
0-10	08
11-20	10
21-30	16
31-40	18
41-50	20
51-60	08
61-70	06
71-80	04
81-90	07
91-100	03

3. Find out Spearman's rank coefficient of correlation of the two variables of the following dataset : 10

X	Y
53	47
98	25
95	32
81	37
75	30
61	40
59	39
55	45

4. Find out two regression equations by using least square method of the data given below : 10

No. of hours devoted by the student (X)	Marks obtained (Y)
95	95
92	88
90	90
86	82
82	77
80	75
76	78
70	72

5. Draw and label a Normal Probability Curve.
Discuss its main properties in detail. 10
6. Calculate the t-test for the below given
data : 10

Student	Score 1	Score 2
A	03	12
B	05	13
C	12	20
D	15	29
E	16	32
F	17	23
G	19	18
H	23	25
I	24	15
J	32	30

7. Devise a list of ways, strategies and
techniques used in Participatory Action
Research on the problems faced by rural and
farming communities in India. 10

× × × × ×