

2018

M.Phil.

1st Semester Examination

POLITICAL SCIENCE

PAPER — PLS-112

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

[Logic of Scientific Enquiry]

Answer all questions.

Group—A

1. Examine the salient features of scientific research. 15

Or

How can the clarity of a 'concept' be ensured in social sciences? Elaborate. 15

(Turn Over)

2. What, according to Becker and Sarantakos, are the goals of social research? 5

Or

Define 'intervening variable' and give a suitable example. 5

Group—B

3. Critically assess the importance of 'hermeneutic reading' in social sciences. Where does it differ from 'Causal reading'? 15

Or

Evaluate the contributions of Auguste Comte towards the development of 'positivist' methodology. 15

4. What is 'INUS'? 5

Or

What do you mean by the Althusserian term 'interpellation'? 5

[Internal Assessment : 10 Marks]

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[Statistical Methods and Techniques]

Answer all questions.

Group - A

1. Classify data and discuss the various errors likely to occur while collecting statistical data.

Or

Characterize mean, and calculate the Arithmetic Mean of the following data by Assumed Mean Method. 15

(Turn Over)

Monthly Expenditure in Rupees	75	125	175	225	275	325	375
	-125	-175	-225	-275	-325	-375	-425
Number of House holds	10	22	38	16	8	4	2

2. What is pilot survey? Discuss its advantages. 5

Or

Define census method and briefly discuss the process of collecting data through census method. 5

Group—B

3. What is Median? Calculate the Median of the following group data. 15

Class Interval (x)	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
Frequency (f)	15	18	32	65	12	8	6

Or

Define Standard Deviation. Find the Standard Deviation of the following distribution. 15

Class Interval (C.I)	0-2	3-5	6-8	9-11	12-14	15-17	18-20
Frequency (f)	1	3	5	7	3	5	1

4. Briefly discuss the various diagrams through which statistical data can be presented. 5

Or

Data relating to the height of 352 school students are given in the following frequency distribution.

Calculate the modal height. 5

Height (in feet)	3.0 - 3.5	3.5 - 4.0	4.0 - 4.5	4.5 - 5.0	5.0 - 5.5	5.5 - 6.0
No. of Students	12	37	79	152	65	7

[Internal Assessment : 10 Marks]
