# B. A. DEGREE EXAMINATION, NOVEMBER 2017 <br> BRANCH III - SOCIOLOGY <br> THIRD SEMESTER 

| COURSE | $:$ | MAJOR - CORE |
| :--- | :--- | :--- |
| PAPER | $:$ | FUNDAMENTALS OF SOCIAL RESEARCH AND STATISTICS |
| TIME | $:$ | 3 HOURS |

## SECTION - A <br> I. ANSWER ALL QUESTIONS IN ABOUT 50 WORDS EACH.

1. What is social research?
2. Indicate any two uses of social research.
3. What is quantitative research?
4. Define hypothesis.
5. What is a questionnaire?
6. Define sampling.
7. What is report writing?
8. What is cumulative frequency?
9. Define range.
10. Find out Median: 26, 8, 35, 4, 9, 16, 42

## SECTION - B

## II. ANSWER ANY FIVE QUESTIONS IN ABOUT 250 WORDS EACH.

11. Highlight the characteristics of social research.
12. Describe the types of hypothesis.
13. Elucidate the types of observation.
14. Bring out the differences between discrete series and continuous series.
15. Explain the functions of tables.
16. Explain any four types of social research.
17. Describe the types of non-probability sampling.
18. Calculate the Standard Deviation from the following data:

| Marks | 30 | 80 | 60 | 70 | 20 | 40 | 50 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. of Students | 3 | 5 | 6 | 10 | 3 | 2 | 1 |

## SECTION - C

## III. ANSWER ANY TWO QUESTIONS IN ABOUT 1200 WORDS EACH

$(2 \times 20=40)$
19. Explain the various steps involved in social research.
20. Elucidate the types of interview and explain the merits and demerits.
21. Write an essay on report writing.
22. a) Calculate Mean and Mode from the following data:

| X | $0-10$ | $10-20$ | $20-30$ | $30-40$ | $40-50$ | $50-60$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| F | 8 | 15 | 22 | 20 | 10 | 5 |

b) Calculate the Mean Deviation:

| X | $0-10$ | $10-20$ | $20-30$ | $30-40$ | $40-50$ | $50-60$ | $60-70$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F | 7 | 12 | 18 | 25 | 16 | 14 | 8 |

