

**FINAL - B.A.M.S. (2012 Course) : SUMMER - 2019**  
**SUBJECT: RESEARCH METHODOLOGY AND MEDICAL STATISTICS**

Day: Tuesday  
Date: 11/06/2019

Time: 02.00 PM TO 04.00 PM  
Max Marks: 40

**S-2019-4118**

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.
- 4) Use of Simple **CALCULATOR** is allowed.

**SECTION-I**

- Q.1** Write types of research in detail along with appropriate example. **(10)**
- Q.2** Define aim and objective with one example. **(06)**
- Q.3** Write **ANY TWO** of the following : **(08)**
- a) Define Qualitative research and state two examples according to Ayurveda.
  - b) What is intervention? Name four interventions in Clinical Research.
  - c) State any four methods of Research Communication.

**SECTION-II**

- Q.4** Explain Range in detail. **(06)**
- Q.5** Draw ogive curve and find the median for given data **(04)**
- |           |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|
| Age       | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 |
| No.of Pts | 19    | 21    | 29    | 20    | 25    |
- Q.6** Write short notes on **ANY TWO** of the following : **(06)**
- a) Standard Deviation
  - b) Parametric test
  - c) Mode

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