



**SECOND YEAR (BA PSYCHOLOGY)**  
**PSY23405: R SOFTWARE**  
**(Semester III)**

**Program:** BA (BA01)  
**Program Specific:** Psychology  
**Course Type:** Regular  
**Paper:**

**Credits:** 2  
**Time:** 2 Hours  
**Max. Marks:** 30  
**SET:** A

**Instructions to the candidate:**

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.
- 4) Use of Scientific Calculator is permitted.

**SECTION: A****Q1) Solve the following (Any One)****[15]**

|       |      |
|-------|------|
| 34-35 | 1    |
| 32-33 | 2    |
| 30-31 | 3    |
| 28-29 | 5    |
| 26-27 | 7    |
| 24-25 | 10   |
| 22-23 | 15   |
| 20-21 | 11   |
| 18-19 | 8    |
| 16-17 | 5    |
| 14-15 | 3    |
| 12-13 | 3    |
| 10-11 | 1    |
|       | N= ? |

1. Calculate Mode from the above Grouped Data.
2. Calculate Quartile Deviation from the above Grouped Data.

**SECTION: B**

**Q1) Solve the following (Any One)**

**[15]**

|         |      |
|---------|------|
| 170-174 | 1    |
| 165-169 | 2    |
| 160-164 | 4    |
| 155-159 | 4    |
| 150-154 | 9    |
| 145-149 | 11   |
| 140-144 | 17   |
| 135-139 | 12   |
| 130-134 | 8    |
| 125-129 | 6    |
| 120-124 | 4    |
| 115-119 | 3    |
| 110-114 | 1    |
|         | N= ? |

1. Calculate Mean and Standard Deviation from above Data.
2. Calculate Standard Deviation from the above Data.

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