Q.P.Code 102376

| Reg. No.: | |
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First Year MPT Degree Supplementary Examinations - September 2012

RESEARCH METHODOLOGY AND BIOSTATISTICS

Time: 3 hrs Max marks : 100

Answer all questions

Essays (5x20=100)

- 1. Describe the importance of formulation of hypothesis.
- 2. Define pilot study and explain the significance of the same.
- 3. Discuss the pitfalls in historical research.
- 4. Explain the criteria in selecting a problem.
- 5. Calculate the correlation coefficient between the height of girls and boys from the given data.

| Height of girls (cm) | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
|------------------------|----|----|----|----|----|----|----|
| Height of boys (cm) | 66 | 67 | 65 | 68 | 70 | 68 | 72 |
