



FEBRUARY 2006

[KO 862]

Sub. Code : 4952

BACHELOR OF MEDICAL RECORD SCIENCE  
DEGREE EXAMINATION.

First Semester

Paper II — BIOSTATISTICS

Time : Three hours

Maximum : 60 marks

Sec. A & B : Two hours and  
fifty minutes

Sec. A & B : 50 marks

Sec. C : Ten minutes

Sec. C : 10 marks

Answer Sections A and B in the **SAME** answer book.

Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

(Essay Questions)

1. Explain the coefficient of correlation. How is it measured? Mention its uses, limitations with suitable example. (15)

2. A sample of 200 patients are classified according to regularity of medication and outcome of the treatment. Is there any association between regularity of medication and the outcome of the treatment (15)

Regularity	Outcome	
	Cured	Not cured
Regular	70	50
Irregular	20	60

SECTION B — (4 × 5 = 20 marks)

3. Write short notes on the following :
- A women gives birth to a child, what is the probability of the child being a female?
  - Enumerate the sources of health statistics
  - Registration of births and deaths
  - Explain presentation of data.