

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

M.D. Branch VIII Examination – 2008 (Sep)

PAPER – I

1. (a) Describe various non parametric tests used in biostatistics for analysis of data. (40)  
(b) Give your critical comments on census of India.
  
2. (a) Explain the need for sampling in biomedical research. (40)  
(b) Describe the procedure of cluster sampling in detail.
  
3. (a) Nutritional status of children in relation to mother's age is given in following table (20)

Mother's age in years	Underweight		Stunting		Total
	Present	Absent	Present	Absent	
< 20	24	8	28	4	32
21 - 25	81	122	94	109	203
26 - 30	60	124	74	110	184
> 30	20	42	25	37	62
Total	185	296	221	260	481

Apply appropriate test and give your inference.