PAPER III - RESEARCH METHODS, STATISTICS & DEMOGRAPHY

DATE- 06/11/2023　　　　**TIME: 10 am – 1 pm (3hours)**　　　**TOTAL MARKS: 100 Marks**

PART - A (60 Marks)

Q-1 Compulsory to attempt (Each question carries 10 Marks)
　(A) Define Demography. Describe briefly the stages of demographic cycle.

　(B) Discuss the different methods of data collection Mentioning the advantages and disadvantages for each.

Q-2.　Attempt any two of the following: (Each question carries 10 Marks)

　(A) What is Focus Group Discussion? Highlight its features and role of moderator and note taker.

　(B) The following table has shown the age distribution of cancer deaths in hospital. Calculate Mean and Median age.

Age (Yrs.)	15-24	25-34	35-44	45-54	55-64
Cancer deaths	15	20	25	30	10

　(C) Distinguish between the qualitative and quantitative research approaches in detail.

Q-3. Attempt any two of the following (Each question is of 10 Marks)

　(A) Differentiate between-
　　i.　IMR and CDR
　　ii.　Incidence and Prevalence

　(B) Briefly describe the steps involved in conducting a Descriptive study.

　(C) Describe the sampling? What is need for sampling? Describe any two sampling methods in brief.

PART – II (40 Marks)

Q-4. Write Short Notes on (any 5)　　　　　　　　　　　　　　**(8 Marks each)**
　a)　Characteristics of good research report
　b)　Steps of Evaluation
　c)　Population control
　d)　Difference between Rates and Ratios with example
　e)　Participatory and Non-participatory observation
　f)　Key informant interview
　g)　Questionnaire and interview schedule
　h)　Data Type

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