

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 0321]

**MARCH 2021**

**Sub. Code: 2864**

**(OCTOBER 2020 EXAM SESSION)**

**M.Sc. BIOSTATISTICS**

**FIRST YEAR (From 2011-2012 onwards)**

**PAPER IV – DEMOGRAPHY AND HEALTH DATA MANAGEMENT**

***Q.P. Code : 282864***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Describe the SAS environment and explain the different steps involved in executing a SAS program
2. Define demography and the composition and distribution of population growth.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Construction of life table.
2. Aging of population.
3. Describe the test for 2x2 table in SPSS.
4. Sorting, Merging and appending data
5. Age and sex ratio.
6. Merging and appending data in SPSS.
7. Describe the steps in computing new variable in SPSS.
8. Describe with an example to obtain summary statistics using SAS.
9. Brief about Health Data Management
10. Deming Index

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