

ASSIGNMENT FOR 5<sup>th</sup> SEMESTER-GENERAL (T.U.)

Q.1. Complete the following in complete life table

Age (years)	$l_x$	$d_x$	$q_x$	$p_x$	$L_x$	$T_x$	$e_x^0$
			?	?	?	?	?
72	4,412	?	?	?	?	?	?
73	3,724	?	?	?	?	26,567	?
74	3,201	642	?	?	?		

Q2. From the following figures, Calculate the GRR and NRR.

Age group (years)	No. of female children borned to 1000 women	Percent survival rate
		85
15-19	200	80
20-24	365	70
25-29	300	65
30-34	188	60
35-39	115	50
40-44	42	45
45-49	5	

Q3. The population and deaths of two towns, according to age groups, are given below.

Age group	Town X		Town Y	
	Pop	No of Deaths	Pop.	No of Deaths
< 5	6040	215	93000	904
5-15	12645	241	154100	523
15-35	13300	294	186200	618
35-50	4625	362	81900	1237
> 50	6710	463	64800	1475

Calculate (i) CDR

(ii) Standardised death rates taking the population of Town X as standard population and compare their health conditions.