

International Institute of Health Management Research (IIHMR)
NEW DELHI
Batch- 2019-21
Online Exams: July 2020

Time – 2 Hrs

Total marks: 70

Essentials of Demography
CC 606

Part I: Attempt all question

Q1. Define (Attempt **Any Four** questions) **(24 Marks)**

(i) Net Migration Rate	(ii) Fecundity and Fertility
(iii) Peri-natal Mortality Rate and Neo-natal mortality rate	(iv) Total Fertility Rate and Net Reproduction Rate
(v) Demographic Dividend	(vi) Still birth and Live birth
(vii) NPR	(viii) SDG Goal for Health
(ix) Life table	(x) CRS

Q 2. Complete below Abridged Life Table for Female- India, 1998 **(15 Marks)**

Table: Abridged Life Table for Female- India, 1998

Age x to x + n:	nq_x	np_x	l_x	nd_x	nL_x	T_x	e_x
0	0.07350	0.92650	D	7350	94855	5890418	J
1-4	0.09197	0.90803	92650	8521	385300	5795563	62.6
5-9	0.01193	0.98807	84129	1004	418136	5410263	64.3
10-14	0.00598	B	83125	497	414384	4992128	60.1
15-19	0.00995	0.99005	82628	822	G	4577744	55.4
20-24	0.01265	0.98735	81806	1035	406443	4166658	50.9
25-29	0.01292	0.98708	80771	1044	401247	3760215	46.6
30-34	0.01390	0.98610	79728	1108	395868	3358967	42.1
35-39	0.01489	0.98511	E	1171	390171	2963100	37.7
40-44	0.01882	0.98118	77449	1458	383600	2572929	33.2
45-49	0.02567	0.97433	75991	1951	375079	2189329	28.8
50-54	0.04305	0.95695	74041	3187	362234	1814250	24.5
55-59	0.06623	0.93377	70853	4693	342534	1452015	20.5
60-64	0.11232	0.88768	66160	7431	312225	1109482	16.8
65-69	0.16430	0.83570	58729	9649	269524	797257	13.6
70-74	0.25480	0.74520	49080	12506	214137	527733	10.8
75-79	0.32636	0.67364	36574	11936	153031	I	8.6
80-84	0.46655	0.53345	24638	11495	94453	160566	6.5
85+	A	C	13143	F	66112	H	5.0

Part II: Attempt any one question (Write max 1 pages)

- Q 2. Describe Demographic transition in India. **(Write max 1 page) (16Marks)**
- Q 3. What are population issue in India. Describe any issue due to which India population get affected. **(Write max 1 page)**

Part II: Attempt any two question (Write max 1 pages) (15 Marks)

- Q 5. Describe **any** suitable source of Demographic data.
- Q 6. Describe Migration pattern in developing nations and in Europe /USA.
- Q 7. Describe different type of errors in the data.
- Q 8. Describe Population Policy of India.
- Q 9. Differentiate between Demography and Population Studies.