

UNIVERSITY OF SWAZILAND

MAIN EXAMINATION 2013

TITLE OF PAPER: DEMOGRAPHY OF SWAZILAND

COURSE NUMBER: DEM 302

TIME ALLOWED: 3 HOURS

**INSTRUCTIONS: ANSWER QUESTION 1 AND ANY THREE QUESTIONS.
ALL QUESTIONS ARE WORTH 25 MARKS EACH.**

REQUIREMENTS: CALCULATOR

**THIS PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS BEEN
GIVEN BY THE INVIGILATOR**

Question 1 (Compulsory)

- a) Using the data for Swaziland below, compute the relevant indicators used for the analysis of the age and sex structure of the Population. (15)
- b) Using the results in a) above, describe the age-sex composition of the population of Swaziland for the period 1986 to 2007. (6)
- c) Compute the percentage change and the population growth rate for the intercensal period 1997-2007. (4)

Age	1997			2007		
	Male	Female	Total	Male	Female	Total
0-4	67529	68868	136397	63767	64092	127859
5-9	68976	70269	139245	67885	68420	136305
10-14	68200	69287	137487	67688	70541	138229
15-19	54775	57581	112356	60493	66203	126696
20-24	38807	46287	85094	48698	60035	108733
25-29	30147	37896	68043	38978	46552	85530
30-34	21988	30168	52156	29753	32623	62376
35-39	19645	26157	45802	24822	27425	52247
40-44	16165	19340	35505	18088	22314	40402
45-49	14461	15910	30371	15762	18992	34754
50-54	10799	12517	23316	12668	14240	26908
55-59	8758	9162	17920	10045	11022	21067
60-64	6325	7541	13866	7724	11092	18816
65-69	4645	5507	10152	6211	8542	14753
70-74	2924	4377	7301	3554	5455	9009
75+	4678	3094	7772	4849	8958	13807
ANS	1332	5603	6935	443	515	958
Total	440154	489564	929718	481428	537021	1018449

Question 2

You have been given the task of assessing the education characteristics in Swaziland. Describe the measures you would use for your analysis. Make sure to include uses and limitations where applicable. (25)

Question 3

Discuss fully the infant and childhood mortality differentials in Swaziland using statistics from the 2007 Population Census and the 2006/7 DHS. (25)

Question 4

- (a) Discuss the 3 major sources of demographic data in Swaziland. Make sure to include advantages and disadvantages (15)
- (b) The benefits of family planning do not end with the individual or her new born baby but it also benefits the society at large. Discuss (10)

Question 5

- (a) Discuss any two methods of measuring national HIV prevalence through population based surveys (15).
- (b) Discuss the differences in HIV prevalence rates in Swaziland. (10)

Question 6

- a) Swaziland is facing an unemployment problem. According to the 2010 Labour Force Survey, the unemployment rate is 73% in rural and 45% in urban areas. Based on the above and other indicators, discuss the strategies that have been put in place to address the problem of poverty and unemployment in Swaziland. (15)
- b) Describe the pattern of population distribution among the four ecological zones and administrative regions of Swaziland. (10)