

UNIVERSITY OF SWAZILAND

MAIN EXAMINATION 2015

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 below, compute the indicators used for the analysis of the age and sex structure for the Swazi Population. (20)
- b) Using the results in a) above, describe the age-sex composition of the population of Swaziland for the period 2007 to 2014. (5)

Table 1: Age and Sex Distribution of the Swazi Population (2007 and 2014)

Age	2007		2014	
	Males	Females	Males	Females
0-4	63767	64092	75445	72692
5-9	67885	68420	65793	63333
10-14	67688	70541	65175	65259
15-19	60493	66203	62535	65282
20-24	48698	60035	56700	60996
25-29	38978	46552	46692	54135
30-34	29753	32623	36738	46793
35-39	24822	27425	27681	37472
40-44	18088	22314	21160	29484
45-49	15762	18992	16819	22960
50-54	12668	14240	13499	17655
55-59	10045	11022	10761	13765
60-64	7724	11092	8526	10523
65-69	6211	8542	6675	7935
70-74	3554	5455	4950	5592
75+	4849	8958	6083	7081
ANS	443	515	--	--
Total	481428	537021	525232	580957

Question 2

- (a) Comprehensively discuss the socio-cultural constraints to family planning in Swaziland. (18)
- (b) Discuss the differences in contraceptive prevalence rates in Swaziland. (7)

Question 3

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 4

- (a) Discuss the proximate determinants of fertility in Swaziland (10)
- (b) Describe the composition of the labour force in Swaziland based on the recent Labour Force survey (8)
- (c) Discuss the trends in unemployment in Swaziland. What do the statistics reveal about the status of women in Swaziland? (7)

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) Discuss the advantages and disadvantages associated with civil/vital registration data (10)
- (b) Using the data below, compute the population density in Swaziland by administrative region and ecological zones in 2007. (8)
- (c) Based on your results and other indicators, describe the pattern of population distribution among the four ecological zones and administrative regions of Swaziland (7)

Population distribution by Ecological Zones:

Ecological zone	1986	1997	2007
Highveld	218450	292331	308836
Middleveld	255501	372237	423641
Lowveld	165451	212638	230290
Lubombo Plateau	41657	52515	55 682

Population distribution By Administrative Region:

Region	1986	1997	2007
Hhohho	178936	255455	279268
Manzini	192596	280972	313182
Lubombo	155569	198978	206677
Shiselweni	153958	194323	206079

Land Area By Ecological Zones:

Ecological zone	Area (sq.km)
Highveld	5412.8
Middleveld	4162.1
Lowveld	6347.7
Lubombo Plateau	1441.7

Land Area By Administrative region:

Ecological zone	Area (sq.km)
Hhohho	3569.4
Manzini	4068.4
Lubombo	5947.1
Shiselweni	3779.4