

(b) The data below shows students fees structure in different schools and years at Nkumba University.

Schools	1st year 2009	2nd year 2009	1st year 2010	2nd year 2010	1st year 2011	2nd year 2011		
	SEME1	SEME2	SEME1	SEME2	SEME1	SEME2	TOTAL	AVERAGE
SBA	1800000	1700000	1700000	1600000	1600000	1700000		
SLAW	1870000	1850000	1850000	1840000	1840000	1850000		
SCOS	1900000	1890000	1890000	1870000	1890000	1900000		
SCIAD	1980000	1970000	1970000	1940000	1970000	1980000		
SOSS	1910000	1900000	1890000	1850000	1830000	1910000		
SEHS	1910000	1890000	1880000	1850000	1830000	1900000		
TOTAL								
AVERAGE								

(i) Enter above data into electronic spreadsheet and save a file as “**Fees Structure**”.

(2marks)

(ii) Use appropriate function to compute totals for and average school and semester. **(4marks)**

(iii) Plot a well formatted pie chart to show fees payments for all schools in **1st year 2010**. Show their data labels in percentages **and** save a chart as “**pie chart**”.

(4 marks)

(iv) Design a well formatted 2-D clustered column chart to compare fees payments in 1st year **2009, 2nd year 2010 and 2nd year 2011**. set **2nd year 2010** on the secondary scale and change the chart type as line graph save a chart as “**line graph**” **(5marks)**.

(b) The data below shows students fees structure in different schools and years at Nkumba University.

Schools	1st year 2009	2nd year 2009	1st year 2010	2nd year 2010	1st year 2011	2nd year 2011		
	SEME1	SEME2	SEME1	SEME2	SEME1	SEME2	TOTAL	AVERAGE
SBA	1800000	1700000	1700000	1600000	1600000	1700000		
SLAW	1870000	1850000	1850000	1840000	1840000	1850000		
SCOS	1900000	1890000	1890000	1870000	1890000	1900000		
SCIAD	1980000	1970000	1970000	1940000	1970000	1980000		
SOSS	1910000	1900000	1890000	1850000	1830000	1910000		
SEHS	1910000	1890000	1880000	1850000	1830000	1900000		
TOTAL								
AVERAGE								

(v) Enter above data into electronic spreadsheet and save a file as “**Fees Structure**”.

(2marks)

(vi) Use appropriate function to compute totals for and average school and semester. **(4marks)**

(vii) Plot a well formatted pie chart to show fees payments for all schools in **1st year 2010**. Show their data labels in percentages **and** save a chart as “**pie chart**”.

(4 marks)

(viii) Design a well formatted 2-D clustered column chart to compare fees payments in 1st year **2009, 2nd year 2010 and 2nd year 2011**. set **2nd year 2010** on the secondary scale and change the chart type as line graph save a chart as “**line graph**” **(5marks)**.