

UNIVERSITY OF SWAZILAND
DEPARTMENT OF ACCOUNTING
SUPPLEMENTARY EXAMINATION PAPER 2006

DEGREE/DIPLOMA AND YEAR OF STUDY: B. COMM V

TITLE OF PAPER : FINANCIAL ACCOUNTING II

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS

1. TOTAL NUMBER OF QUESTIONS ON THIS PAPER: FOUR (4).
2. ANSWER ALL QUESTIONS
3. THE MARKS AWARDED FOR A QUESTION/PART ARE INDICATED AT THE END OF EACH QUESTION/PART OF QUESTION.
4. ALL CALCULATIONS ARE TO BE MADE TO THE NEAREST LILANGENI
5. WHERE APPLICABLE, SUBMIT ALL WORKING CALCULATIONS

NOTE: YOU ARE REMINDED THAT IN ASSESSING YOUR WORK, ACCOUNT WILL BE TAKEN OF ACCURACY OF THE LANGUAGE AND THE GENERAL QUALITY OF EXPRESSION, TOGETHER WITH THE LAYOUT AND PRESENTATION OF YOUR FINAL ANSWER.

SPECIAL REQUIREMENTS: P.V. TABLES

THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

QUESTION 1

The current balance sheet of Magongo Ltd is as follows:

	E'000	E'000
Fixed assets (at cost less depreciation)		53,000
Current assets	27,000	
Current liabilities	<u>22,000</u>	
		<u>5,000</u>
		<u>58,000</u>
Financed by:		
Issued capital		
20,000,000 ordinary shares of 50 cents		10,000
40,000,000 6% preference shares of E1		<u>40,000</u>
		50,000
Reserves		<u>8,000</u>
		<u>58,000</u>

Magongo Ltd pays tax at 50% on its earnings, after deducting any interest on loans and debentures but before deducting preference or ordinary dividend payments. Assume that tax is payable on the last day of the year to which it relates. Existing operations generate annual earnings of E12,500,000 before tax. It is company policy to distribute as divided to ordinary and preference shareholders all earnings available after tax and interest payments have been made. The current market value of ordinary shares is E2,00 each and of preference shares 61 cents each (cum net dividend). The annual ordinary dividend has just been paid. The annual preference dividend is due for payment shortly.

The directors of Magongo Ltd are now considering raising additional capital for expansion. They propose to issue E20 million irredeemable 9.5% debenture stock at a price of E95 per E100 of permanently by E3 million, before tax and interest.

The directors believe that the proposed expansion will not alter the operating risk of the company's activities, but as a result of the proposed change in gearing they believe that if the expansion is undertaken, and financed in the manner proposed, the net annual return required by ordinary shareholders will increase by 0.5%. The changes proposed are not expected to alter the return required by preference shareholders.

YOU ARE REQUIRED TO:

- (a) prepare calculations showing the effect on the total market value of ordinary shares of undertaking the expansion and financing it in the manner proposed.
(10 Marks)
- (b) prepare a report for the directors of Magongo Ltd, advising them:
- (i) whether the proposed expansion is worthwhile; and
 - (ii) whether the proposed method of financing seems satisfactory

Explain and justify your advice.

(15 Marks)

(Total: 25 Marks)

QUESTION 2

Outline the factors which a listed company should take into account in the determination of its dividend policy.

(Total: 25 Marks)

QUESTION 3

- (a) Briefly discuss possible forms of non-tariff barriers that might affect any company's ability to import and how the existence of GATT might influence such barriers.

(10 Marks)

- (b) What is the purpose of the International Monetary Fund and how does it operate?

(15 Marks)

(Total: 25 Marks)

QUESTION 4

(a) You are required to discuss the validity of the following reasons that might be advanced by a company to justify a decision to expand the business by way of a take-over or merger.

- (i) Economies of scale will be achieved
- (ii) Diversification reduces risk
- (iii) the shares of the target company are undervalued

(18 Marks)

(b) State in general terms the circumstances under which dilution of earnings per share might be acceptable as the result of a take-over or merger.

(7 Marks)

(Total: 25 Marks)

Present Value Table

Present value of 1 i.e. $(1 + r)^{-n}$

where r = discount rate

n = number of periods until payment

Discount rates (r)

Periods (n)	Discount rates (r)										
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	
1	0.990	0.980	0.971	0.962	0.952	0.943	0.935	0.926	0.917	0.909	1
2	0.980	0.961	0.943	0.925	0.907	0.890	0.873	0.857	0.842	0.826	2
3	0.971	0.942	0.915	0.889	0.864	0.840	0.816	0.794	0.772	0.751	3
4	0.961	0.924	0.888	0.855	0.823	0.792	0.763	0.735	0.708	0.683	4
5	0.951	0.906	0.863	0.822	0.784	0.747	0.713	0.681	0.650	0.621	5
6	0.942	0.888	0.837	0.790	0.746	0.705	0.666	0.630	0.596	0.564	6
7	0.933	0.871	0.813	0.760	0.711	0.665	0.623	0.583	0.547	0.513	7
8	0.923	0.853	0.789	0.731	0.677	0.627	0.582	0.540	0.502	0.467	8
9	0.914	0.837	0.766	0.703	0.645	0.592	0.544	0.500	0.460	0.424	9
10	0.905	0.820	0.744	0.676	0.614	0.558	0.508	0.463	0.422	0.386	10
11	0.896	0.804	0.722	0.650	0.585	0.527	0.475	0.429	0.388	0.350	11
12	0.887	0.788	0.701	0.625	0.557	0.497	0.444	0.397	0.356	0.319	12
13	0.879	0.773	0.681	0.601	0.530	0.469	0.415	0.368	0.326	0.290	13
14	0.870	0.758	0.661	0.577	0.505	0.442	0.388	0.340	0.299	0.263	14
15	0.861	0.743	0.642	0.555	0.481	0.417	0.362	0.315	0.275	0.239	15
	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%	
1	0.901	0.893	0.885	0.877	0.870	0.862	0.855	0.847	0.840	0.833	1
2	0.812	0.797	0.783	0.769	0.756	0.743	0.731	0.718	0.706	0.694	2
3	0.731	0.712	0.693	0.675	0.658	0.641	0.624	0.609	0.593	0.579	3
4	0.659	0.636	0.613	0.592	0.572	0.552	0.534	0.516	0.499	0.482	4
5	0.593	0.567	0.543	0.519	0.497	0.476	0.456	0.437	0.419	0.402	5
6	0.535	0.507	0.480	0.456	0.432	0.410	0.390	0.370	0.352	0.335	6
7	0.482	0.452	0.425	0.400	0.376	0.354	0.333	0.314	0.296	0.279	7
8	0.434	0.404	0.376	0.351	0.327	0.305	0.285	0.266	0.249	0.233	8
9	0.391	0.361	0.333	0.308	0.284	0.263	0.243	0.225	0.209	0.194	9
10	0.352	0.322	0.295	0.270	0.247	0.227	0.208	0.191	0.176	0.162	10
11	0.317	0.287	0.261	0.237	0.215	0.195	0.178	0.162	0.148	0.135	11
12	0.286	0.257	0.231	0.208	0.187	0.168	0.152	0.137	0.124	0.112	12
13	0.258	0.229	0.204	0.182	0.163	0.145	0.130	0.116	0.104	0.093	13
14	0.232	0.205	0.181	0.160	0.141	0.125	0.111	0.099	0.088	0.078	14
15	0.209	0.183	0.160	0.140	0.123	0.108	0.095	0.084	0.074	0.065	15

Annuity Table

Present value of an annuity of 1 i.e. $\frac{1 - (1 + r)^{-n}}{r}$

where r = interest rate
 n = number of periods

Periods (n)	Interest rates (r)										
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	
1	0.990	0.980	0.971	0.962	0.952	0.943	0.935	0.926	0.917	0.909	1
2	1.970	1.942	1.913	1.886	1.859	1.833	1.808	1.783	1.759	1.736	2
3	2.941	2.884	2.829	2.775	2.723	2.673	2.624	2.577	2.531	2.487	3
4	3.902	3.808	3.717	3.630	3.546	3.465	3.387	3.312	3.240	3.170	4
5	4.853	4.713	4.580	4.452	4.329	4.212	4.100	3.993	3.890	3.791	5
6	5.795	5.601	5.417	5.242	5.076	4.917	4.767	4.623	4.486	4.355	6
7	6.728	6.472	6.230	6.002	5.786	5.582	5.389	5.206	5.033	4.868	7
8	7.652	7.325	7.020	6.733	6.463	6.210	5.971	5.747	5.535	5.335	8
9	8.566	8.162	7.786	7.435	7.108	6.802	6.515	6.247	5.995	5.759	9
10	9.471	8.983	8.530	8.111	7.722	7.360	7.024	6.710	6.418	6.145	10
11	10.37	9.787	9.253	8.760	8.306	7.887	7.499	7.139	6.805	6.495	11
12	11.26	10.58	9.954	9.385	8.863	8.384	7.943	7.536	7.161	6.814	12
13	12.13	11.35	10.63	9.986	9.394	8.853	8.358	7.904	7.487	7.103	13
14	13.00	12.11	11.30	10.56	9.899	9.295	8.745	8.244	7.786	7.367	14
15	13.87	12.85	11.94	11.12	10.38	9.712	9.108	8.559	8.061	7.606	15
	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%	
1	0.901	0.893	0.885	0.877	0.870	0.862	0.855	0.847	0.840	0.833	1
2	1.713	1.690	1.668	1.647	1.626	1.605	1.585	1.566	1.547	1.528	2
3	2.444	2.402	2.361	2.322	2.283	2.246	2.210	2.174	2.140	2.106	3
4	3.102	3.037	2.974	2.914	2.855	2.798	2.743	2.690	2.639	2.589	4
5	3.696	3.605	3.517	3.433	3.352	3.274	3.199	3.127	3.058	2.991	5
6	4.231	4.111	3.998	3.889	3.784	3.685	3.589	3.498	3.410	3.326	6
7	4.712	4.564	4.423	4.288	4.160	4.039	3.922	3.812	3.706	3.605	7
8	5.146	4.968	4.799	4.639	4.487	4.344	4.207	4.078	3.954	3.837	8
9	5.537	5.328	5.132	4.946	4.772	4.607	4.451	4.303	4.163	4.031	9
10	5.889	5.650	5.426	5.216	5.019	4.833	4.659	4.494	4.339	4.192	10
11	6.207	5.938	5.687	5.453	5.234	5.029	4.836	4.656	4.586	4.327	11
12	6.492	6.194	5.918	5.660	5.421	5.197	4.988	4.793	4.611	4.439	12
13	6.750	6.424	6.122	5.842	5.583	5.342	5.118	4.910	4.715	4.533	13
14	6.982	6.628	6.302	6.002	5.724	5.468	5.229	5.008	4.802	4.611	14
15	7.191	6.811	6.462	6.142	5.847	5.575	5.324	5.092	4.876	4.675	15