PRIFYSGOL ABERYSTWYTH UNIVERSITY

ARHOLIADAU EXAMINATIONS

SEMESTER TWO EXAMINATIONS, 2026

ABERYSTWYTH BUSINESS SCHOOL

AB11220: ACCOUNTING AND FINANCE FOR SPECIALISTS

Time allowed: **TWO HOURS**

Answer Three QUESTIONS IN TOTAL

Answer **ONE** question from **Section A (20 marks)**

Answer **ALL** questions from **Section B (80 marks)**

Show all workings clearly and state any assumptions which you make in the answer booklet **only.**

This exam contributes **60%** of the overall module mark.

Marks available: **100**

NPV Table is provided

CALCULATORS ARE PERMITTED (Casio FX-991, FX83 or FX85 models only)

STUDENTS MAY SUBMIT ANSWERS TO THIS PAPER IN EITHER WELSH OR ENGLISH

Once seated, students may complete the front cover of the answer book and the attendance slip ONLY.

DO NOT TURN THE EXAMINATION QUESTION PAPER ONTO THE NEXT PAGE UNTIL INSTRUCTED TO DO SO.

Section A, answer **ONE** question and each question carries **20 marks**

Question 1 answer both parts (20 marks)

Daisy, Jenny and Mel are dentists who carry out their business activities in the form of a partnership. The accounting year ends at 31 December 2025. The partners have agreed to share partnership profits in the ratio 2:1:3.

The partnership agreement states that interest on capital should be at a rate of 5% per annum and interest on drawings should be at a rate of 7% per annum.

The partnership agreement states that Daisy and Mel should receive a salary of £60,000 per annum respectively, while Jenny should receive a salary of £40,000 per annum. There was an amendment to the partnership agreement on 1st July 2025 that would allow Jenny to receive a salary of £50,000 per annum commencing at that date.

The balances on the partners' capital and current accounts at 1 January 2025 were:

Capital Accounts	£
Daisy	260,000
Jenny	110,000
Mel	320,000
Current Accounts	
Daisy	185,000
Jenny	140,000
Mel	250,000

The partnership all took equal drawing for the year to 31 December 2025 for: £30,000 each. Jenny made her drawings on 1 January 2025, Daisy and Mel both made their drawings on 1st July 2025.

On 31 December 2025 Jenny introduced a further £100,000 of capital.

The unadjusted net profit for the year to 31 December 2025 was £900,000. The following information relating to the net profit figure is available.

i. The net profit excludes some accrued expenses of £70,000.
ii. The net profit includes an annual rental cost of £24,000 paid in advance for the accountant's offices up to 31st May 2026.
iii. The net profit does not include an invoice for a consultancy report of £5,000 occurred at the end of the current accounting period.

Required:

a) Prepare the capital and current accounts of the partnership clearly showing the partners appropriation account covering the year to 31 December 2025.

(15 marks)

PLEASE TURN OVER

b) On the 31 December 2025, the partnership's accountants estimated that their assets were undervalued by £20,000. Reflect this change so it is included in the partners' capital accounts.

(5 marks)

(Total 20 marks)

OR

Question 2 answer both parts (20 marks)

a) Inventory must be valued appropriately in the financial statements. Explain how inventory should be valued in accordance with IAS 2, and state two components included in the cost of inventory.

(4 marks)

b) Financial accounting is based on a number of fundamental concepts that guide how financial information is prepared and presented.

State and explain four key concepts that underpin financial accounting. Your answer should clearly identify each concept and explain its importance in the preparation of financial statements.

(16 marks)

(Total 20 marks)

PLEASE TURN OVER

Section B, answer **ALL** questions **(80 marks)**

Question 3 answer all parts (40 marks)

Driftwood Ltd has the following overheads:

	£
Factory manager's salary	40,000
Administration and HR building rent and rates	38,000
Factory rent and rates	60,000
Company accountant's salary	35,000
Heat and light for factory	35,000
Sales team costs	30,000
Bank interest and account charges	10,000

The factory produces 100,000 batches of driftwood designs a year with labour costs of £2.00 per unit, materials costs of £1.50 per unit and consumables of £0.70 per unit.

Required:

a) Identify the direct factory overheads and using a simple, traditional method of overhead absorption costing, calculate the total factory cost of a batch of candy bars.

(9 marks)

Beta Ltd makes a range products.
The manufacture of these items involves three stages:- cutting, assembly and finishing. As the Management accountant you have been able to collect the following information:-

Direct Costs (£ per item)

Product	A	B	C
Material	70.00	60.00	90.00
Labour	80.00	90.00	100.00

Cutting
The extent of this process is primarily determined by the quantity of materials used for each item, as indicated by the cost of materials.

Assembly
This process is dependent on the time taken for each item, as indicated by the cost of direct labour.

PLEASE TURN OVER

Question 3 continued (answer all parts)

Finishing

This is a time intensive process and the average finishing time per item is as follows

Product	A	B	C
Finishing time per item (hours)	3.00	4.00	5.00

Overheads

Cutting	£160,000
Assembly	£175,000
Finishing	£180,000

Production Levels

Product	A	B	C
Total production (items)	6,000	5,000	4,000

Required:

b) Using an Activity Based Costing (ABC) method calculate the total factory cost for each of the three types of products, including the calculation and application of all appropriate overhead absorption rates.

(28 marks)

c) Carry out a suitable reconciliation to demonstrate that your calculations for **2 b)** above have included all relevant overheads and that those overheads have been fully recovered.

(3 marks)

(Total 40 marks)

PLEASE TURN OVER

Question 4 answer all parts (40 marks)

PART A (20 marks)

Calon Ltd is a medium-sized manufacturing company operating in the UK. The directors are considering expanding the business and have identified two possible strategies:

- acquiring a smaller competitor, or
- merging with another company operating in a similar market.

The directors have limited experience with mergers and acquisitions and have asked for your advice.

Required:

(a) Define the term acquisition and explain how it differs from a merger. **(4 marks)**

(b) Identify and explain two potential advantages of Calon Ltd pursuing growth through a merger or acquisition rather than organic growth. **(8 marks)**

(c) Discuss one financial and one non-financial risk that Calon Ltd should consider before proceeding with a merger or acquisition. **(8 marks)**

(Total 20 marks)

PLEASE TURN OVER

Question 4 (CONTINUED)

PART B (20 marks)

Seren Ltd is considering acquiring Moon Ltd. The acquisition would require an initial investment of £500,000, payable immediately.

The acquisition is expected to generate the following net cash inflows:

Year	Cash inflow (£)
Year 1	£150,000
Year 2	£180,000
Year 3	£200,000
Year 4	£170,000

Seren Ltd's cost of capital is 10% per annum.

Required:

(a) Calculate the Net Present Value (NPV) of the proposed acquisition. **(6 marks)**

(b) State, with a brief reason, whether Seren Ltd should proceed with the acquisition based on the NPV result. **(2 marks)**

(c) Assume that Seren finances the acquisition by issuing five-year notes with a par value of £100 per certificate and a 6% annual coupon rate. If the yield to maturity (YTM) is 8% and coupons are paid semi-annually, what is the market value of each note?

(6 marks)

(d) Discuss the advantages and limitations of debt financing as a source of business capital.

(6 marks)

(Total 20 marks)

All workings must be clearly shown. Discount factors may be taken from the present value tables provided. Assume all cash inflows occur at the end of each year.

End of Paper

Accounting and Finance Group, School of Management and Business, Aberystwyth University

Table 1: Present value of 1 unit received *n* periods in the future assuming a constant discount rate of *r* per period

n \ *r*	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%	21%	22%	23%	24%	25%	30%	35%	40%
1	0.990	0.980	0.971	0.962	0.952	0.943	0.935	0.926	0.917	0.909	0.901	0.893	0.885	0.877	0.870	0.862	0.855	0.847	0.840	0.833	0.826	0.820	0.813	0.806	0.800	0.769	0.741	0.714
2	0.980	0.961	0.943	0.925	0.907	0.890	0.873	0.857	0.842	0.826	0.812	0.797	0.783	0.769	0.756	0.743	0.731	0.718	0.706	0.694	0.683	0.672	0.661	0.650	0.640	0.592	0.549	0.510
3	0.971	0.942	0.915	0.889	0.864	0.840	0.816	0.794	0.772	0.751	0.731	0.712	0.693	0.675	0.658	0.641	0.624	0.609	0.593	0.579	0.564	0.551	0.537	0.524	0.512	0.455	0.406	0.364
4	0.961	0.924	0.888	0.855	0.823	0.792	0.763	0.735	0.708	0.683	0.659	0.636	0.613	0.592	0.572	0.552	0.534	0.516	0.499	0.482	0.467	0.451	0.437	0.423	0.410	0.350	0.301	0.260
5	0.951	0.906	0.863	0.822	0.784	0.747	0.713	0.681	0.650	0.621	0.593	0.567	0.543	0.519	0.497	0.476	0.456	0.437	0.419	0.402	0.386	0.370	0.355	0.341	0.328	0.269	0.223	0.186
6	0.942	0.888	0.837	0.790	0.746	0.705	0.666	0.630	0.596	0.564	0.535	0.507	0.480	0.456	0.432	0.410	0.390	0.370	0.352	0.335	0.319	0.303	0.289	0.275	0.262	0.207	0.165	0.133
7	0.933	0.871	0.813	0.760	0.711	0.665	0.623	0.583	0.547	0.513	0.482	0.452	0.425	0.400	0.376	0.354	0.333	0.314	0.296	0.279	0.263	0.249	0.235	0.222	0.210	0.159	0.122	0.095
8	0.923	0.853	0.789	0.731	0.677	0.627	0.582	0.540	0.502	0.467	0.434	0.404	0.376	0.351	0.327	0.305	0.285	0.266	0.249	0.233	0.218	0.204	0.191	0.179	0.168	0.123	0.091	0.068
9	0.914	0.837	0.766	0.703	0.645	0.592	0.544	0.500	0.460	0.424	0.391	0.361	0.333	0.308	0.284	0.263	0.243	0.225	0.209	0.194	0.180	0.167	0.155	0.144	0.134	0.094	0.067	0.048
10	0.905	0.820	0.744	0.676	0.614	0.558	0.508	0.463	0.422	0.386	0.352	0.322	0.295	0.270	0.247	0.227	0.208	0.191	0.176	0.162	0.149	0.137	0.126	0.116	0.107	0.073	0.050	0.035
11	0.896	0.804	0.722	0.650	0.585	0.527	0.475	0.429	0.388	0.350	0.317	0.287	0.261	0.237	0.215	0.195	0.178	0.162	0.148	0.135	0.123	0.112	0.103	0.094	0.086	0.056	0.037	0.025
12	0.887	0.788	0.701	0.625	0.557	0.497	0.444	0.397	0.356	0.319	0.286	0.257	0.231	0.208	0.187	0.168	0.152	0.137	0.124	0.112	0.102	0.092	0.083	0.076	0.069	0.043	0.027	0.018
13	0.879	0.773	0.681	0.601	0.530	0.469	0.415	0.368	0.326	0.290	0.258	0.229	0.204	0.182	0.163	0.145	0.130	0.116	0.104	0.093	0.084	0.075	0.068	0.061	0.055	0.033	0.020	0.013
14	0.870	0.758	0.661	0.577	0.505	0.442	0.388	0.340	0.299	0.263	0.232	0.205	0.181	0.160	0.141	0.125	0.111	0.099	0.088	0.078	0.069	0.062	0.055	0.049	0.044	0.025	0.015	0.009
15	0.861	0.743	0.642	0.555	0.481	0.417	0.362	0.315	0.275	0.239	0.209	0.183	0.160	0.140	0.123	0.108	0.095	0.084	0.074	0.065	0.057	0.051	0.045	0.040	0.035	0.020	0.011	0.006
16	0.853	0.728	0.623	0.534	0.458	0.394	0.339	0.292	0.252	0.218	0.188	0.163	0.141	0.123	0.107	0.093	0.081	0.071	0.062	0.054	0.047	0.042	0.036	0.032	0.028	0.015	0.008	0.005
17	0.844	0.714	0.605	0.513	0.436	0.371	0.317	0.270	0.231	0.198	0.170	0.146	0.125	0.108	0.093	0.080	0.069	0.060	0.052	0.045	0.039	0.034	0.030	0.026	0.023	0.012	0.006	0.003
18	0.836	0.700	0.587	0.494	0.416	0.350	0.296	0.250	0.212	0.180	0.153	0.130	0.111	0.095	0.081	0.069	0.059	0.051	0.044	0.038	0.032	0.028	0.024	0.021	0.018	0.009	0.005	0.002
19	0.828	0.686	0.570	0.475	0.396	0.331	0.277	0.232	0.194	0.164	0.138	0.116	0.098	0.083	0.070	0.060	0.051	0.043	0.037	0.031	0.027	0.023	0.020	0.017	0.014	0.007	0.003	0.002
20	0.820	0.673	0.554	0.456	0.377	0.312	0.258	0.215	0.178	0.149	0.124	0.104	0.087	0.073	0.061	0.051	0.043	0.037	0.031	0.026	0.022	0.019	0.016	0.014	0.012	0.005	0.002	0.001
21	0.811	0.660	0.538	0.439	0.359	0.294	0.242	0.199	0.164	0.135	0.112	0.093	0.077	0.064	0.053	0.044	0.037	0.031	0.026	0.022	0.018	0.015	0.013	0.011	0.009	0.004	0.002	0.001
22	0.803	0.647	0.522	0.422	0.342	0.278	0.226	0.184	0.150	0.123	0.101	0.083	0.068	0.056	0.046	0.038	0.032	0.026	0.022	0.018	0.015	0.013	0.011	0.009	0.007	0.003	0.001	0.001
23	0.795	0.634	0.507	0.406	0.326	0.262	0.211	0.170	0.138	0.112	0.091	0.074	0.060	0.049	0.040	0.033	0.027	0.022	0.018	0.015	0.012	0.010	0.009	0.007	0.006	0.002	0.001	0.000
24	0.788	0.622	0.492	0.390	0.310	0.247	0.197	0.158	0.126	0.102	0.082	0.066	0.053	0.043	0.035	0.028	0.023	0.019	0.015	0.013	0.010	0.008	0.007	0.006	0.005	0.002	0.001	0.000
25	0.780	0.610	0.478	0.375	0.295	0.233	0.184	0.146	0.116	0.092	0.074	0.059	0.047	0.038	0.030	0.024	0.020	0.016	0.013	0.010	0.009	0.007	0.006	0.005	0.004	0.001	0.001	0.000
26	0.772	0.598	0.464	0.361	0.281	0.220	0.172	0.135	0.106	0.084	0.066	0.053	0.042	0.033	0.026	0.021	0.017	0.014	0.011	0.009	0.007	0.006	0.005	0.004	0.003	0.001	0.000	0.000
27	0.764	0.586	0.450	0.347	0.268	0.207	0.161	0.125	0.098	0.076	0.060	0.047	0.037	0.029	0.023	0.018	0.014	0.011	0.009	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0.000
28	0.757	0.574	0.437	0.333	0.255	0.196	0.150	0.116	0.090	0.069	0.054	0.042	0.033	0.026	0.020	0.016	0.012	0.010	0.008	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.000	0.000
29	0.749	0.563	0.424	0.321	0.243	0.185	0.141	0.107	0.082	0.063	0.048	0.037	0.029	0.022	0.017	0.014	0.011	0.008	0.006	0.005	0.004	0.003	0.002	0.002	0.002	0.000	0.000	0.000
30	0.742	0.552	0.412	0.308	0.231	0.174	0.131	0.099	0.075	0.057	0.044	0.033	0.026	0.020	0.015	0.012	0.009	0.007	0.005	0.004	0.003	0.003	0.002	0.002	0.001	0.000	0.000	0.000

Table 2: Present value of an annuity of 1 unit received at the end of each of the next n periods assuming a constant discount rate of r per period

n \ r	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%	21%	22%	23%	24%	25%	30%	35%	40%
1	0.990	0.980	0.971	0.962	0.952	0.943	0.935	0.926	0.917	0.909	0.901	0.893	0.885	0.877	0.870	0.862	0.855	0.847	0.840	0.833	0.826	0.820	0.813	0.806	0.800	0.769	0.741	0.714
2	1.970	1.942	1.913	1.886	1.859	1.833	1.808	1.783	1.759	1.736	1.713	1.690	1.668	1.647	1.626	1.605	1.585	1.566	1.547	1.528	1.509	1.492	1.474	1.457	1.440	1.361	1.289	1.224
3	2.941	2.884	2.829	2.775	2.723	2.673	2.624	2.577	2.531	2.487	2.444	2.402	2.361	2.322	2.283	2.246	2.210	2.174	2.140	2.106	2.074	2.042	2.011	1.981	1.952	1.816	1.696	1.589
4	3.902	3.808	3.717	3.630	3.546	3.465	3.387	3.312	3.240	3.170	3.102	3.037	2.974	2.914	2.855	2.798	2.743	2.690	2.639	2.589	2.540	2.494	2.448	2.404	2.362	2.166	1.997	1.849
5	4.853	4.713	4.580	4.452	4.329	4.212	4.100	3.993	3.890	3.791	3.696	3.605	3.517	3.433	3.352	3.274	3.199	3.127	3.058	2.991	2.926	2.864	2.803	2.745	2.689	2.436	2.220	2.035
6	5.795	5.601	5.417	5.242	5.076	4.917	4.767	4.623	4.486	4.355	4.231	4.111	3.998	3.889	3.784	3.685	3.589	3.498	3.410	3.326	3.245	3.167	3.092	3.020	2.951	2.643	2.385	2.168
7	6.728	6.472	6.230	6.002	5.786	5.582	5.389	5.206	5.033	4.868	4.712	4.564	4.423	4.288	4.160	4.039	3.922	3.812	3.706	3.605	3.508	3.416	3.327	3.242	3.161	2.802	2.508	2.263
8	7.652	7.325	7.020	6.733	6.463	6.210	5.971	5.747	5.535	5.335	5.146	4.968	4.799	4.639	4.487	4.344	4.207	4.078	3.954	3.837	3.726	3.619	3.518	3.421	3.329	2.925	2.598	2.331
9	8.566	8.162	7.786	7.435	7.108	6.802	6.515	6.247	5.995	5.759	5.537	5.328	5.132	4.946	4.772	4.607	4.451	4.303	4.163	4.031	3.905	3.786	3.673	3.566	3.463	3.019	2.665	2.379
10	9.471	8.983	8.530	8.111	7.722	7.360	7.024	6.710	6.418	6.145	5.889	5.650	5.426	5.216	5.019	4.833	4.659	4.494	4.339	4.192	4.054	3.923	3.799	3.682	3.571	3.092	2.715	2.414
11	10.368	9.787	9.253	8.760	8.306	7.887	7.499	7.139	6.805	6.495	6.207	5.938	5.687	5.453	5.234	5.029	4.836	4.656	4.486	4.327	4.177	4.035	3.902	3.776	3.656	3.147	2.752	2.438
12	11.255	10.575	9.954	9.385	8.863	8.384	7.943	7.536	7.161	6.814	6.492	6.194	5.918	5.660	5.421	5.197	4.988	4.793	4.611	4.439	4.278	4.127	3.985	3.851	3.725	3.190	2.779	2.456
13	12.134	11.348	10.635	9.986	9.394	8.853	8.358	7.904	7.487	7.103	6.750	6.424	6.122	5.842	5.583	5.342	5.118	4.910	4.715	4.533	4.362	4.203	4.053	3.912	3.780	3.223	2.799	2.469
14	13.004	12.106	11.296	10.563	9.899	9.295	8.745	8.244	7.786	7.367	6.982	6.628	6.302	6.002	5.724	5.468	5.229	5.008	4.802	4.611	4.432	4.265	4.108	3.962	3.824	3.249	2.814	2.478
15	13.865	12.849	11.938	11.118	10.380	9.712	9.108	8.559	8.061	7.606	7.191	6.811	6.462	6.142	5.847	5.575	5.324	5.092	4.876	4.675	4.489	4.315	4.153	4.001	3.859	3.268	2.825	2.484
16	14.718	13.578	12.561	11.652	10.838	10.106	9.447	8.851	8.313	7.824	7.379	6.974	6.604	6.265	5.954	5.668	5.405	5.162	4.938	4.730	4.536	4.357	4.189	4.033	3.887	3.283	2.834	2.489
17	15.562	14.292	13.166	12.166	11.274	10.477	9.763	9.122	8.544	8.022	7.549	7.120	6.729	6.373	6.047	5.749	5.475	5.222	4.990	4.775	4.576	4.391	4.219	4.059	3.910	3.295	2.840	2.492
18	16.398	14.992	13.754	12.659	11.690	10.828	10.059	9.372	8.756	8.201	7.702	7.250	6.840	6.467	6.128	5.818	5.534	5.273	5.033	4.812	4.608	4.419	4.243	4.080	3.928	3.304	2.844	2.494
19	17.226	15.678	14.324	13.134	12.085	11.158	10.336	9.604	8.950	8.365	7.839	7.366	6.938	6.550	6.198	5.877	5.584	5.316	5.070	4.843	4.635	4.442	4.263	4.097	3.942	3.311	2.848	2.496
20	18.046	16.351	14.877	13.590	12.462	11.470	10.594	9.818	9.129	8.514	7.963	7.469	7.025	6.623	6.259	5.929	5.628	5.353	5.101	4.870	4.657	4.460	4.279	4.110	3.954	3.316	2.850	2.497
21	18.857	17.011	15.415	14.029	12.821	11.764	10.836	10.017	9.292	8.649	8.075	7.562	7.102	6.687	6.312	5.973	5.665	5.384	5.127	4.891	4.675	4.476	4.292	4.121	3.963	3.320	2.852	2.498
22	19.660	17.658	15.937	14.451	13.163	12.042	11.061	10.201	9.442	8.772	8.176	7.645	7.170	6.743	6.359	6.011	5.696	5.410	5.149	4.909	4.690	4.488	4.302	4.130	3.970	3.323	2.853	2.498
23	20.456	18.292	16.444	14.857	13.489	12.303	11.272	10.371	9.580	8.883	8.266	7.718	7.230	6.792	6.399	6.044	5.723	5.432	5.167	4.925	4.703	4.499	4.311	4.137	3.976	3.325	2.854	2.499
24	21.243	18.914	16.936	15.247	13.799	12.550	11.469	10.529	9.707	8.985	8.348	7.784	7.283	6.835	6.434	6.073	5.746	5.451	5.182	4.937	4.713	4.507	4.318	4.143	3.981	3.327	2.855	2.499
25	22.023	19.523	17.413	15.622	14.094	12.783	11.654	10.675	9.823	9.077	8.422	7.843	7.330	6.873	6.464	6.097	5.766	5.467	5.195	4.948	4.721	4.514	4.323	4.147	3.985	3.329	2.856	2.499
26	22.795	20.121	17.877	15.983	14.375	13.003	11.826	10.810	9.929	9.161	8.488	7.896	7.372	6.906	6.491	6.118	5.783	5.480	5.206	4.956	4.728	4.520	4.328	4.151	3.988	3.330	2.856	2.500
27	23.560	20.707	18.327	16.330	14.643	13.211	11.987	10.935	10.027	9.237	8.548	7.943	7.409	6.935	6.514	6.136	5.798	5.492	5.215	4.964	4.734	4.524	4.332	4.154	3.990	3.331	2.856	2.500
28	24.316	21.281	18.764	16.663	14.898	13.406	12.137	11.051	10.116	9.307	8.602	7.984	7.441	6.961	6.534	6.152	5.810	5.502	5.223	4.970	4.739	4.528	4.335	4.157	3.992	3.331	2.857	2.500
29	25.066	21.844	19.188	16.984	15.141	13.591	12.278	11.158	10.198	9.370	8.650	8.022	7.470	6.983	6.551	6.166	5.820	5.510	5.229	4.975	4.743	4.531	4.337	4.159	3.994	3.332	2.857	2.500
30	25.808	22.396	19.600	17.292	15.372	13.765	12.409	11.258	10.274	9.427	8.694	8.055	7.496	7.003	6.566	6.177	5.829	5.517	5.235	4.979	4.746	4.534	4.339	4.160	3.995	3.332	2.857	2.500