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ACCOUNTING **9706/41**

Paper 4 Cost and Management Accounting **October/November 2024**

INSERT **1 hour**

INFORMATION

- This insert contains all of the sources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

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Source A for Question 1

The sales budget, in units, for T Limited for the six months to 31 August 2025 is as follows:

March	April	May	June	July	August
1120	1280	1220	1100	1200	1140

Further information is also available.

1 It is the company's policy to maintain an inventory level of:

- finished goods equal to 25% of the following month's budgeted sales
- direct materials equal to 10% of the following month's production needs.

2 Direct materials required per unit are:

4 kilos at $10 per kilo.

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Source B for Question 2

H Limited manufactures toys. To produce a new product, the company needs to purchase a new machine (Machine A) costing $180 000 from a local company. Machine A's estimated useful life is four years and it will have zero scrap value.

The new product's life is four years. The estimated revenue and costs are as follows:

<table>
<tr><th>Sales revenue</th><th>Costs</th></tr>
<tr><td>Unit selling price $100

Sales (in units)
<table>
<tr><th>year</th><th>units</th></tr>
<tr><td>1</td><td>2000</td></tr>
<tr><td>2</td><td>3000</td></tr>
<tr><td>3</td><td>4000</td></tr>
<tr><td>4</td><td>1000</td></tr>
</table>
</td><td>Direct materials – $15 per unit
Direct labour – $24 per unit
Fixed overhead (excluding depreciation) – $90 000 per annum</td></tr>
</table>

H Limited's cost of capital is 10%.

Relevant discount factors are as follows:

Year	10%	16%
1	0.909	0.862
2	0.826	0.743
3	0.751	0.641
4	0.683	0.552

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