

QUESTION 3: BALANCE SHEET, INTERPRETATION AND ETHICS**(65 marks; 40 minutes)**

You are presented with information from the records of Vijay Limited. The financial year-end is 28 February 2014.

REQUIRED:

- 3.1 Prepare the following notes to the Balance Sheet:
- | | | |
|-------|-----------------|------|
| 3.1.1 | Share capital | (9) |
| 3.1.2 | Retained income | (11) |
- 3.2 Prepare the Balance Sheet (Statement of Financial Position) on 28 February 2014. Where notes are not required, show ALL workings in brackets. (26)
- 3.3 Calculate the return on average shareholders' equity for 2014. (5)
- 3.4 From 2013 to 2014 the directors made a deliberate decision to change the policy on the distribution of profits in the form of dividends. Comment on this change. Quote financial indicators or figures to support your answer. (4)
- 3.5 Comment on whether the shareholders should be satisfied with the percentage return and the market price of their shares. Quote TWO relevant financial indicators (actual figures/ratios/percentages) and their trends. Give an additional comment in each case. (6)
- 3.6 The external auditors, Hassan and Jacob, have employed Janet to work on the audit of Vijay Ltd. Janet owns 10 000 shares in Vijay Ltd. Explain why this is a problem and give a valid solution. (4)

INFORMATION:

- A. The authorised share capital consists of 750 000 ordinary shares. On 1 March 2013, only 60% of the shares were in issue.
- B. The following amounts were extracted from the records:

	28 Feb. 2014	28 Feb. 2013
Ordinary share capital	?	3 215 000
Retained income	?	322 500
Total ordinary shareholders' equity	?	3 537 500
Fixed assets (carrying value)	?	
Fixed deposit: Sam Bank	650 000	
Loan: William Bank	482 600	
Inventories	275 400	
Debtors' Control	243 500	
Creditors' Control	62 460	
Cash in the bank and petty cash	336 600	
Income received in advance (Rent)	12 120	
Prepaid expenses (Insurance)	7 600	
Provisional income tax payments	299 980	
Interim dividends paid on 31 Aug. 2014	270 000	

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Katrin Zwirglmaier



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web consider now a simple spherical vessel of radius r and wall thickness b such as a round the accuracy of this result depends on the vessel being thin walled i.e. $r \gg b$ at the inner cylinder now expands according to the difference $p - p_c$ while

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web in chapter 2 we examined the stresses in thin walled cylinders subjected to internal pressure the assumption of thin walls allowed us to develop a simple analysis that ignored the variation of radial stress when the wall thickness becomes appreciable in proportion

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web oct 12 2011 if the cylinder walls are thin and the ratio of the thickness to the internal diameter is less than about then it can be assumed that the hoop and longitudinal stresses are constant across the thickness it may also be assumed that the radial stress is small and can be neglected

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web a fluid container sealed by a piston is open to the atmosphere in this case an external axial force F_a is mandatory for equilibrium of the overall piston and cylinder assembly a bicycle pump is a common example if A_i is the internal circular area then a free body of either piston or cylinder end C must have $F_a = p_i A_i$ and there is no need for axial wall stresses to

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web the classic equation for hoop stress created by an internal pressure on a thin wall cylindrical pressure vessel is $\sigma_{\theta} = \frac{p d}{2 t}$ for the hoop stress thin wall pressure vessel hoop stress calculator where p is the internal pressure t is the wall thickness r is the inside radius of the cylinder

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