21 The following information was available for a business at the end of a financial year.

| | \$ |
|-------------------|---------|
| sales | 300 000 |
| opening inventory | 33 000 |
| closing inventory | 27 000 |

The business applies a mark-up of 20% on all goods purchased.

What was the inventory turnover in days?

- **A** 40
- **B** 44
- **C** 45
- **D** 46

22 A business employs machine operators. Each machine operator works 36 hours a week.

One unit of output takes four hours of labour.

It also employs supervisors who can each supervise ten machine operators.

Production is currently 1140 units a week.

How many **more** units can be produced each week before the company needs to employ an extra supervisor?

- **A** 3
- **B** 30
- **C** 75
- **D** 90

23 What best describes a fixed cost?

- A a part that stays the same and a part that changes as output increases
- **B** the same cost per unit for any level of output
- **C** the same total cost for any level of output
- **D** the same total cost for output within a relevant range

24 What would result in the under-absorption of overheads?

| | expenditure | units produced |
|---|------------------------------|------------------------------|
| Α | actual is less than budgeted | actual is less than budgeted |
| В | actual is less than budgeted | actual is more than budgeted |
| С | actual is more than budgeted | actual is less than budgeted |
| D | actual is more than budgeted | actual is more than budgeted |