

Questions 31–40

Write ONE WORD ONLY for each answer.

[Section 4] Ethics In Engineering

Ethics - principles relating to right and wrong conduct

At first, engineers saw ethics as a **31**..... issue.

Attitudes changed because of three disasters involving the collapse of **32**.....

- 1876 - USA (metal fatigue)
- 1879 - Scotland (the impact of **33**.....on the structure was miscalculated).
- 1907 - Canada (the structure could not support its own **34**.....).

Boston Molasses Disaster

At the time, molasses was the main **35**.....used in the USA.

- Boston company: collapse of a **36**.....released 8 million liters of molasses.
- The wave of molasses destroyed buildings and the railway.
- Local residents insisted on a **37**.....of the molasses company.

The company had to pay compensation.

Probable causes of the accident:

- Insufficient **38**.....checks.
- Fermentation raised the **39**.....to a dangerous level.

It is now obligatory for engineers to have a **40**.....