

BS 7671 Part 1

Questions on Scope, Object and Fundamental Principles

1. BS 7671 includes requirements for:
 - a) lift installation covered by BS 5655
 - b) equipment of fixed offshore installations
 - c) equipment for aircraft
 - d) alterations and additions

2. The IEE Regulations provide
 - a) instructions for untrained persons
 - b) a detailed specification
 - c) safety especially from fire, shock and burns
 - d) instructions for every circumstance

3. Which one of the following electrical installations is **NOT** covered by BS 7671?
 - a) public premises
 - b) construction sites
 - c) prefabricated buildings
 - d) lightning protection of buildings to BS EN 62305

4. The IEE Regulations are non-statutory but, if they are adhered to compliance with which one of the following statutory regulations is most likely?
 - a) Electricity Safety, Quality and Continuity Regulations 2002
 - b) Electricity at Work Regulations 1989
 - c) Cinematograph Regulations 1955
 - d) The Health and Safety at Work Act 1974

5. Which of the following electrical installations IS covered by the IEE Regulations?
 - a) mines and quarries
 - b) emergency lighting
 - c) explosive atmospheres
 - d) exhibitions and fairs

6. The IEE Regulations state requirements intended to provide:
 - a) the most economical design
 - b) instructions for lightning protection of buildings
 - c) safety of persons
 - d) detailed instructions for all circumstances

7. The IEE Regulations recognises that in electrical installations there is a risk of injury from:
 - a) dangerous chemicals
 - b) shock currents
 - c) high winds

d) asbestos

8. When choosing the type of wiring system for an installation, consideration should be given to:

- a) the maximum volt drop
- b) the experience of the installing electrician
- c) the materials available on site
- d) accessibility of wiring to persons and livestock

9. BS 7671 requires that:

- a) there must be an effective means of cutting off all voltages of every installation
- b) the installation main switch switches the line conductor only
- c) the main switch must have BS 88 fuses
- d) all installations have a main switch

10. BS 7671 requires that the person carrying out the inspection and testing shall:

- a) have at least three years experience
- b) be competent to carry out the testing
- c) complete a periodic test report
- d) have a copy of BS 7671

Answers:

- 1 D 110.1xx
- 2 C 131.1 i ii
- 3 D 110.2 ix
- 4 D 114.1
- 5 D 110.1viii
- 6 C 131
- 7 B 131.1 i
- 8 D 132.7 iii
- 9 A 132.15.1
- 10 B 162.5