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