

Sample Questions - C&G 2382 17th Edition full paper D

1 o/c 1 - A recommendation for the interval to the first periodic inspection shall be made by:

- a the installation electrician.
- b the main contractor.
- c the designer of the installation.
- d the test and inspection engineer.

2 o/c1 BS 7671 applies to

- a lift installations
- b highway equipment
- c equipment on board ships
- d electrical equipment of machines.

3 18 o/c1 BS 7671 identifies that the cross-sectional area of a conductor shall be determined by

- a the admissible maximum temperature
- b the nominal voltage
- c voltage tolerances
- d the earthing system.

4 To which one of the following electrical installations does BS 7671 apply?

- a Installations at mines and quarries.
- b Caravans and their sites.
- c Public transmission systems.
- D Off-shore installations.

5 Oc 2 A corridor containing supporting structures for cables and joints and/or other elements of wiring systems, the dimensions of which allow persons to pass freely throughout the entire length, is known as

- a an access pathway
- b a cable tunnel
- c an access throughway
- d cable ducting.

6 o/c2 - BS 7671 defines extra-low voltage a.c. as not exceeding:

- a 12V a.c. and 50V d.c.
- b 50V a.c. and 100V d.c.
- c 24V a.c. and 50V d.c.
- d 50V a.c. and 120V d.c.

7 o/c2 The algebraic sum of the currents in the live conductors of a circuit at a point in the electrical installation is known as the

- a residual current

- b harmonic current
- c line current
- d neutral current.

8 Which of the following supply characteristics is not listed amongst those determined in regulation 313.1:

- a. Nominal Voltage
- b. Type of system earthing
- c. Earth Fault loop impedance
- d. Prospective short circuit current

9 o/c 3 - Which of the following would not normally be recognised as being a supply source for safety services:

- a a generator supplying power, via the grid, to a hospital.
- b storage batteries.
- c primary cells.
- d a separate feeder of the supply network effectively independent of the normal feeder.

10 Which of the following supply characteristics would need to be ascertained for a new domestic installation?

- a Number of points of utilization
- b The supply transformer type
- c The supply cable size
- d The nature of the current and frequency

11 /c3 Which one of the following is not a characteristic of the supply?

- a The nature of the current and frequency
- b The earth fault loop impedance external to the installation
- c Main switch current rating
- d The nominal voltage

12 o/c3 BS 7671 requires designers to take into account the frequency and quality of maintenance an installation can reasonably be expected to receive when

- a assessing staff numbers
- b inspecting and testing
- c selecting staff
- d specifying or selecting equipment reliability.

13 o/c4 In the event of an earth fault on the HV side of a substation the LV installation may be affected by

- a V
- b U
- c I







































