

d of not less than 1.5m.

20 o/c6 For SELV and PELV circuits the separation of live parts from those of other circuits must be confirmed by

- a inspection
- b measurement**
- c calculation
- d enquiry.

Answer b

See Part 6: Inspection and testing, Regulations 612.4.1 and 612.4.2.

21 o/c6 612.3.2 - The minimum insulation resistance between conductors for an extra-low voltage circuit is:

- a 0.25 M Ω .
- b 0.5 M Ω .**
- c 1.0 M Ω .
- d 2.0 M Ω .

22 o/c7 - In a location containing a bath or shower supplementary bonding may be omitted, amongst other conditions, where: :

- a all final circuits have additional RCD protection.**
- b main equipotential bonding is not required.
- c automatic disconnection of most final circuits of the location comply with Regulation 411.3.2.
- d luminaires are situated outside the Zones.

23 o/c7 For an agricultural location, in order to provide automatic disconnection of supply in circuits other than socket-outlet circuits, a disconnection device shall be installed having a maximum rated residual operating current of

- a 30mA
- b 100mA
- c 300mA**
- d 500mA.

Answer c See Part 7: Special installations or locations, Regulation 705.411.1.

24 12 o/c 7 - On caravan sites, overhead conductors in areas subject to vehicle movement shall be placed at a minimum height above ground of:

- a 2.5 m.
- b 3.5 m.
- c 6.0m.**
- d 8.0m.

25 o/c 7 - A PV convertor shall have a switch-disconnector provided on:

- a the a.c. side.
- b the d.c. side.**
- c the a.c. and d.c. sides.
- d neither the a.c. nor the d.c. sides.

26 24 o/c 7 - Which of the following systems shall not be used to supply equipment used in repair and alteration work on construction sites:

- a TN-S.
- b TN-C-S.**
- c TT.
- d separate earth and neutral supplies.

27 30 o/c 7 - In a sauna which one of the zones has no special requirements concerning the heat resistance of the equipment:

- a 1.
- b 2.**
- c 3.
- d 4.

28 36 o/c 7 - Electrical equipment installed outside in caravan parks shall be protected against mechanical stresses to a minimum of:

- a AG3.**
- b AD4.
- c AE2.
- d AD3.

29 o/c8 The rating factor for a 70 °C thermoplastic cable installed in air in an ambient temperature of 40 °C is

- a 1.0
- b 0.91
- c 0.87**
- d 0.85.

Answer c See Appendices: Appendix 4, Table 4B1.

30 o/c8 The maximum value of voltage drop for lighting in a low voltage installation supplied from a public distribution system is

- a 3%**
- b 4%
- c 5%
- d 6%.

Answer a See Appendices: Appendix 12, Table 12A.