



City & Guilds Level 3 Technical Occupational Entry in Electrical Installations (Diploma) (2366-03)

Version 1.1 (April 2026)

**Sample MCQ 2366-351
Sample paper, multiple choice answer sheet and mark
scheme**

Version and date	Change detail	Section
1.0 April 2024	Initial version	All
1.1 April 2026	Amendments made in line with BS 7671 Amendment 4 2026	2

SAMPLE

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SAMPLE

1 Introduction

Area	Description
What is in this document	This document contains the sample MCQ test, answer sheet and mark scheme for MCQ 351 test.
Documents included:	<ul style="list-style-type: none">• Sample questions• Multiple choice answer sheet• Mark scheme <p>Learners should be provided with the sample questions and the answer sheet.</p> <p>The mark scheme is to be used by training providers to mark the completed tests.</p>

Note to centres, this sample paper-based version of the multiple-choice test is to support formative assessment activities.

For live versions of the multiple-choice test, these will be accessed using City & Guilds evolve online system. Please refer to the qualification handbook for details on how to book and administer live tests.

2 2366-351 MCQ (sample questions)

Test duration: 1 hour and 30 minutes

You should have the following for this test:

- A pen with black or blue ink
- Multiple-choice questions answer sheets
- Non-programmable calculator
- Current edition of BS 7671
- IET On-Site Guide

Read the following notes before you answer any questions:

- Attempt all questions
- If you find a question difficult, leave it and return to it later

This paper contains 50 multiple choice questions worth 1 mark each

This question paper is the property of City & Guilds

How to complete the multiple-choice answer sheet

Each multiple-choice question shows four possible answers (lettered 'a', 'b', 'c', 'd'); only one is correct.

Decide which one is correct and mark your answer on the answer sheet with your pen.

For example, if you decide 'b' is correct, mark your answer with a cross like this:

1 a b c d

If you change your answer, cancel your first choice by filling in the box then put a cross in the answer which you have now decided is correct, like this:

1 a b c d

Q5	The items to be checked as part of the initial verification are listed in which document? (1 mark)
Mark Scheme	Answers a) Electrical Installation Certificate. b) Generic Schedule of Test Results. c) Generic Schedule of Circuit Details. d) Minor Electrical Installation Works Certificate.
AO	AO1a
Qual spec reference	Unit 302, 3.1.1 a)

Q6	What would be the most appropriate human sense to use when checking terminations are securely connected, during an initial verification? (1 mark)
Mark Scheme	Answers a) Smell. b) Touch. c) Hearing. d) Sight.
AO	AO1a
Qual spec reference	Unit 302, 3.2.1 a)iii

Q7	What unit of measurement would an earth fault loop impedance tester display results in? (1 mark)
Mark Scheme	Answers a) Milli-seconds. b) Milli-amps. c) Voltage. d) Ohms.
AO	AO1a
Qual spec reference	Unit 302, 4.2.2 b)

Q8	Which is the maximum length of exposed metal tip for test probes to conform to the requirements of HSE Guidance GS38? (1 mark)
Mark Scheme	Answers a) 2 mm b) 3 mm c) 4 mm d) 5 mm
AO	AO1a
Qual spec reference	Uni 302, 4.3.2 b) ii

Q11	Which conductors should be verified as part of a continuity test, as given in BS 7671? (1 mark)
Mark Scheme	Answers a) Phase conductors. b) Signal conductors. c) Circuit protective conductors. d) Circuit control conductors.
AO	AO1a
Qual spec reference	Unit 302, 5.1.2 b)

Q12	What factor could affect conductor resistance test values within an electrical installation? (1 mark)
Mark Scheme	Answers a) Cable insulation material. b) Protective device setting. c) Ambient temperature. d) RCD device trip times.
AO	AO1b
Qual spec reference	Unit 302, 5.3.1 d)

Q13	What effect will connecting multiple circuits in parallel have on insulation resistance test results? <p style="text-align: right;">(1 mark)</p>
Mark Scheme	Answers a) Insulation resistance value will decrease. b) Insulation resistance value will increase. c) Insulation resistance value will stay the same. d) Insulation resistance value will be zero.
AO	AO1b
Qual spec reference	Unit 302, 5.5.1 a)

Q14	What is the reason why single-pole light switches are required to have polarity verified? <p style="text-align: right;">(1 mark)</p>
Mark Scheme	Answers a) To ensure devices are connected in the neutral conductor only. b) To ensure devices are connected in the line conductor only. c) To ensure devices are connected in series. d) To ensure devices are connected in parallel.
AO	AO1b
Qual spec reference	Unit 302, 5.6.1 a)

Q15	What is the procedure for verifying circuit conductor polarity within an electrical installation? (1 mark)
Mark Scheme	Answers a) Carry out an (R_1+R_2) test. b) Carry out an insulation resistance test. c) Carry out an earth electrode test. d) Carry out an open circuit test.
AO	AO1b
Qual spec reference	Unit 302, 5.7.1 a)

Q16	How would the polarity of an incoming supply be verified? (1 mark)
Mark Scheme	Answers a) RCD test at a socket outlet. b) Insulation resistance test between circuits. c) Continuity test of main bonding conductor. d) Voltage indicator test at main switch.
AO	AO1b
Qual spec reference	Unit 302, 6.1.1 a)

Q21	Which test would be used to ascertain the tripping current of an RCD? (1 mark)
Mark Scheme	<p>Answers</p> <p>a) Test at $1 \times I_{\Delta n}$.</p> <p>b) Push the test button.</p> <p>c) Test at $5 \times I_{\Delta n}$.</p> <p>d) Undertake a ramp test.</p>
AO	AO1b
Qual spec reference	Unit 302, 6.7.1 b)

Q22	What is a reason for verifying phase sequence? (1 mark)
Mark Scheme	<p>Answers</p> <p>a) To prove ADS conforms to BS 7671.</p> <p>b) To ensure three-phase motors rotate in the correct direction.</p> <p>c) To check RCDs function correctly.</p> <p>d) To ensure three-phase motors rotate at the correct speed.</p>
AO	AO1b
Qual spec reference	Unit 302, 6.8.2 a)

Q27	What information is required on a Minor Electrical Installation Works Certificate? (1 mark)
Mark Scheme	Answers a) Installation address. b) Installation area size. c) Finish of components. d) Height of components.
AO	AO1a
Qual spec reference	Unit 302, 7.2.1 d)

Q28	What is a reason for a client to retain completed inspection and testing documentation? (1 mark)
Mark Scheme	Answers a) For insurance purposes. b) For tendering purposes. c) For training purposes. d) For quantifying purposes.
AO	AO1b
Qual spec reference	Unit 302, 7.3.1 c) i

Q29	Which roles must sign an Electrical Installation certificate for a large installation? (1 mark)
Mark Scheme	Answers a) Designer, Constructor, Inspector and Tester. b) Designer, Inspector, Building Contractor. c) Building Inspector, Estimator, Surveyor. d) Building inspector, Constructor and Engineer.
AO	AO1a
Qual spec reference	Unit 302, 7.4.1 c)

Q30	Who is most at risk of electric shock when fault diagnosis is being carried out to an electrical installation in a commercial office? (1 mark)
Mark Scheme	Answers a) The person ordering the electrical work to be carried out. b) The person undertaking the electrical work in the office. c) The client's staff in the office closest to the electrical work. d) The public visiting the office where the electrical work is.
AO	AO1b
Qual spec reference	Unit 303, 1.1.1 a) i

Q33	When replacing a faulty light during fault diagnosis and rectification in an existing installation, what documentation should be used to locate means of isolation? <p style="text-align: right;">(1 mark)</p>
Mark Scheme	Answers a) Schedule of Inspections. b) Circuit charts for the installation. c) Minor Electrical Installation Works Certificate. d) Manufacturer's instructions for the equipment.
AO	AO1b
Qual spec reference	Unit 303, 2.1.1 f)

Q34	When carrying out fault diagnosis in a hospital, which one of the following would be considered a critical power system? <p style="text-align: right;">(1 mark)</p>
Mark Scheme	Answers a) Supplies to the medical oxygen system. b) Supplies to the nurse call system. c) Supplies to the heating system. d) Supplies to gas the detection system.
AO	AO1b
Qual spec reference	Unit 303, 2.2.1 c) i

Q35	<p>During fault diagnosis in a supermarket, a faulty RCD for a circuit supplying the tills has been diagnosed.</p> <p>Who would need to be advised as to the progress of the work?</p> <p style="text-align: right;">(1 mark)</p>
Mark Scheme	<p>Answers</p> <p>a) The client.</p> <p>b) The account manager.</p> <p>c) The customers in store.</p> <p>d) The security staff.</p>
AO	AO1b
Qual spec reference	Unit 303, 2.3.1 a)

Q36	<p>Lighting systems in a busy operational factory require isolation, so a fault can be repaired.</p> <p>Which is the most likely implication of poor communications between an electrician and the client leading up to this outage?</p> <p style="text-align: right;">(1 mark)</p>
Mark Scheme	<p>Answers</p> <p>a) Risk of injury to those working in the location.</p> <p>b) Risk of electric shock to all persons.</p> <p>c) Reduce time to repair the faulty system.</p> <p>d) Increased production at the factory.</p>
AO	AO1b
Qual spec reference	Unit 303, 2.3.2 c)

3 2366-351 Multiple choice answer sheet

Candidate Name:

Date of Test: Click or tap to enter a date.

1	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
2	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
3	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
4	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
5	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
6	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
7	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
8	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
9	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
10	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
11	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
12	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
13	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
14	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
15	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
16	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
17	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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19	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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35	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
36	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
37	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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39	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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41	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
42	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
43	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
44	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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48	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
49	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
50	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>

Number of correct answers: / 50

4 2366-351 Mark scheme

Grading

Pass – 60%

Question Number	Key	Question Number	Key
1	c	26	d
2	a	27	a
3	c	28	a
4	d	29	a
5	a	30	b
6	b	31	a
7	d	32	b
8	c	33	b
9	b	34	a
10	b	35	a
11	c	36	a
12	c	37	b
13	a	38	b
14	b	39	c
15	a	40	a
16	d	41	b
17	a	42	a
18	b	43	d
19	c	44	d
20	a	45	d
21	d	46	d
22	b	47	a
23	c	48	d
24	b	49	a
25	a	50	b

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City & Guilds

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