

Cambridge Technicals Engineering

Unit 1: Fundamentals of mechanical, electrical/electronic and fluid power engineering

Level 2 Cambridge Technical Certificate/Diploma in Engineering 05887 - 05888

Mark Scheme for January 2019

OCR (Oxford Cambridge and RSA) is a leading UK awarding body, providing a wide range of qualifications to meet the needs of candidates of all ages and abilities. OCR qualifications include AS/A Levels, Diplomas, GCSEs, Cambridge Nationals, Cambridge Technicals, Functional Skills, Key Skills, Entry Level qualifications, NVQs and vocational qualifications in areas such as IT, business, languages, teaching/training, administration and secretarial skills.

It is also responsible for developing new specifications to meet national requirements and the needs of students and teachers. OCR is a not-for-profit organisation; any surplus made is invested back into the establishment to help towards the development of qualifications and support, which keep pace with the changing needs of today's society.

This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

© OCR 2019

Un	it	1
----	----	---

Q	uestion	Answer	Marks	Guidance
1		В	1	
2		В	1	
3		A	1	
4		D	1	
5		В	1	
6		С	1	
7		D	1	
8		С	1	
9		В	1	
10		A	1	
11		В	1	
12		A	1	
13		В	1	
14		D	1	
15		С	1	
16		D	1	
17		D	1	
18		A	1	

Un	it	1
----	----	---

Question	Answer	Marks	Guidance
19	A	1	
20	С	1	
21	В	1	
22	В	1	
23	D	1	
24	В	1	
25	D	1	
26	В	1	
27	A	1	
28	С	1	
29	С	1	
30	В	1	
31	D	1	
32	С	1	
33	A	1	
34	С	1	
35	D	1	
36	A	1	

Unit	1
------	---

Q	uesti	ion	Answer	Marks	Guidance
37			A	1	
38			A	1	
39			В	1	
40			В	1	

OCR (Oxford Cambridge and RSA Examinations) The Triangle Building Shaftesbury Road Cambridge CB2 8EA

OCR Customer Contact Centre

Education and Learning

Telephone: 01223 553998 Facsimile: 01223 552627 Email: <u>general.qualifications@ocr.org.uk</u>

www.ocr.org.uk

For staff training purposes and as part of our quality assurance programme your call may be recorded or monitored

Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee Registered in England Registered Office; The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA Registered Company Number: 3484466 OCR is an exempt Charity

OCR (Oxford Cambridge and RSA Examinations) Head office Telephone: 01223 552552 Facsimile: 01223 552553 Cambridge

