## MARK SCHEME for the March 2016 series

## 9702 PHYSICS

9702/12

Paper 1 (Multiple Choice), maximum raw mark 40

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the March 2016 series for most Cambridge IGCSE<sup>®</sup> and Cambridge International A and AS Level components.

® IGCSE is the registered trademark of Cambridge International Examinations.



Cambridge International AS/A Level - March 2016         9702         12           Question Number         Key         Question Number         Key           1         C         21         B           2         D         22         B           3         C         23         A           4         C         24         B           5         B         25         C           6         C         26         C           7         A         27         D           8         B         28         A           9         B         29         A           10         B         30         C           11         C         31         C           12         A         32         B           10         B         333         D           14         B         34         D           15         C         36         A           17         D         37         A           18         D         38         A           19         B         39         C	Page 2		Mark Sch	eme	Syllabus	Paper
Number         Key         Number         Key           1         C         21         B           2         D         22         B           3         C         23         A           4         C         24         B           5         B         25         C           6         C         26         C           7         A         27         D           8         B         28         A           9         B         29         A           10         B         30         C           11         C         31         C           12         A         32         B           13         B         33         D           14         B         34         D           15         C         35         D           16         C         36         A           17         D         37         A           18         D         38         A           19         B         39         C		Cambridge Int	ernational AS	S/A Level – March 2016		12
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Кеу		Key	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1	С	21	В	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		2	D	22	В	
$     \begin{array}{c cccccccccccccccccccccccccccccccc$		3	С	23	Α	
		4	С	24	В	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		5	В	25	С	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		6	С	26	С	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		7	Α	27	D	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		8	В	28	Α	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		9	В	29	Α	
12       A       32       B         13       B       33       D         14       B       34       D         15       C       35       D         16       C       36       A         17       D       37       A         18       D       38       A         19       B       39       C		10	В	30	С	
12       A       32       B         13       B       33       D         14       B       34       D         15       C       35       D         16       C       36       A         17       D       37       A         18       D       38       A         19       B       39       C						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			С			
14       B       34       D         15       C       35       D         16       C       36       A         17       D       37       A         18       D       38       A         19       B       39       C		12	Α	32	В	
15         C         35         D           16         C         36         A           17         D         37         A           18         D         38         A           19         B         39         C			В		D	
16       C       36       A         17       D       37       A         18       D       38       A         19       B       39       C		14	В	34	D	
17D37A18D38A19B39C		15	С	35	D	
17D37A18D38A19B39C						
18     D     38     A       19     B     39     C			С		Α	
19 <b>B</b> 39 <b>C</b>			D		Α	
			D			
			В			
20 <b>A</b> 40 <b>B</b>		20	Α	40	В	