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[®] 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 39 C | | | D | | Α | |
| | | | D | | | |
| | | | В | | | |
| 20 A 40 B | | 20 | Α | 40 | В | |