**ĐÁP ÁN VẬT LÍ 12 KIỂM TRA HỌC KÌ I 2013-2014**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| made | cauhoi | dapan | made | cauhoi | dapan | made | cauhoi | dapan |
| 109 | 1 | A | 132 | 1 | B | 157 | 1 | B |
| 109 | 2 | A | 132 | 2 | A | 157 | 2 | C |
| 109 | 3 | C | 132 | 3 | A | 157 | 3 | D |
| 109 | 4 | B | 132 | 4 | C | 157 | 4 | B |
| 109 | 5 | C | 132 | 5 | B | 157 | 5 | C |
| 109 | 6 | A | 132 | 6 | C | 157 | 6 | B |
| 109 | 7 | B | 132 | 7 | A | 157 | 7 | A |
| 109 | 8 | D | 132 | 8 | B | 157 | 8 | A |
| 109 | 9 | A | 132 | 9 | D | 157 | 9 | C |
| 109 | 10 | B | 132 | 10 | D | 157 | 10 | C |
| 109 | 11 | C | 132 | 11 | B | 157 | 11 | A |
| 109 | 12 | C | 132 | 12 | B | 157 | 12 | A |
| 109 | 13 | C | 132 | 13 | C | 157 | 13 | B |
| 109 | 14 | C | 132 | 14 | C | 157 | 14 | A |
| 109 | 15 | A | 132 | 15 | C | 157 | 15 | C |
| 109 | 16 | D | 132 | 16 | A | 157 | 16 | A |
| 109 | 17 | A | 132 | 17 | D | 157 | 17 | C |
| 109 | 18 | A | 132 | 18 | A | 157 | 18 | A |
| 109 | 19 | B | 132 | 19 | A | 157 | 19 | B |
| 109 | 20 | B | 132 | 20 | C | 157 | 20 | D |
| 109 | 21 | B | 132 | 21 | D | 157 | 21 | C |
| 109 | 22 | C | 132 | 22 | C | 157 | 22 | B |
| 109 | 23 | A | 132 | 23 | D | 157 | 23 | B |
| 109 | 24 | B | 132 | 24 | A | 157 | 24 | B |
| 109 | 25 | A | 132 | 25 | A | 157 | 25 | A |
| 109 | 26 | D | 132 | 26 | A | 157 | 26 | C |
| 109 | 27 | D | 132 | 27 | D | 157 | 27 | A |
| 109 | 28 | C | 132 | 28 | A | 157 | 28 | D |
| 109 | 29 | D | 132 | 29 | C | 157 | 29 | B |
| 109 | 30 | B | 132 | 30 | C | 157 | 30 | D |
| 109 | 31 | D | 132 | 31 | B | 157 | 31 | A |
| 109 | 32 | D | 132 | 32 | B | 157 | 32 | D |
| 109 | 33 | D | 132 | 33 | D | 157 | 33 | D |
| 109 | 34 | C | 132 | 34 | B | 157 | 34 | B |
| 109 | 35 | B | 132 | 35 | D | 157 | 35 | C |
| 109 | 36 | D | 132 | 36 | B | 157 | 36 | D |
| 109 | 37 | C | 132 | 37 | D | 157 | 37 | D |
| 109 | 38 | D | 132 | 38 | B | 157 | 38 | D |
| 109 | 39 | A | 132 | 39 | C | 157 | 39 | C |
| 109 | 40 | B | 132 | 40 | D | 157 | 40 | D |