***ĐÁP ÁN LÝ 12 (04/03/2017)***

***I. PHẦN TRẮC NGHIỆM:*** *Mã đề: 195*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| C | C | D | A | D | A | A | B | B | D | C | D | C | A | B | A | D | C | D | B |

*Mã đề: 615*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A | B | A | B | C | B | A | B | D | C | A | D | C | D | A | A | B | D | D | C |

*Mã đề: 891*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| B | D | A | B | A | D | B | C | C | D | A | C | D | D | C | B | A | D | B | A |

*Mã đề: 982*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| D | B | B | C | B | D | B | A | A | D | C | C | D | C | C | D | A | B | D | A |

**II. PHẦN TỰ LUẬN:**

|  |  |  |
| --- | --- | --- |
| **Câu 1** | i==0,4mm2,5 vân tối thứ 3 | 0,25đ0,25đ |
| **Câu 2** | xs3λ2=xs2λ1 => 3λ2 =2λ1λ2=0,4 µm | 0,25đ0,25đ |
| **Câu 3** | 8i=4 =>i=0,5mm; = 0,5 µm | 0,25đ\*2 |
| **Câu 4** | = 1,5 ; λ' = 0,72 µm | 0,25đ\*2 |
| **Câu 5** | xt = (k+ )xt = 4,5mm | 0,25đ0,25đ |
| **Câu 6** | ; i2=0,3mm | 0,25đ \*2 |
| **Câu 7** | i=0,5mmSố vân sáng 2k+1=15Số vân tối 2k=14 | 0,25đ0,25đ0,25đ0,25đ |