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| --- | --- |
| **TRƯỜNG THPT PHẠM VĂN SÁNG**  Năm học: 2015 – 2016 | **ĐÁP ÁN KIỂM TRA HỌC KỲ I – NGÀY 17/12/2015**  ***MÔN:*** **VẬT LÝ**  **LỚP: 12** *Thời gian:* 60 phút |

**ĐÁP ÁN - MÃ ĐỀ 546**

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **A** |  | x |  | x |  |  |  |  | x |  |  |  |  |  |  |  |  | x |  | x |
| **B** | x |  |  |  |  |  | x |  |  |  |  | x | x |  | x |  |  |  |  |  |
| **C** |  |  |  |  | x |  |  | x |  | x |  |  |  |  |  |  | x |  | x |  |
| **D** |  |  | x |  |  | x |  |  |  |  | x |  |  | x |  | x |  |  |  |  |

**ĐÁP ÁN - MÃ ĐỀ 719**

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **A** |  |  |  |  | x |  |  |  |  |  |  | x |  |  |  | x |  | x |  |  |
| **B** | x |  |  |  |  |  |  | x |  | x |  |  |  |  |  |  |  |  |  |  |
| **C** |  |  |  | x |  |  |  |  | x |  |  |  |  | x |  |  | x |  | x |  |
| **D** |  | x | x |  |  | x | x |  |  |  | x |  | x |  | x |  |  |  |  | x |

**DANH SÁCH STT CÂU HỎI CÁC ĐỀ SẮP THEO STT CỦA MÃ ĐỀ 546**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **546** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **719** | **26** | **6** | **24** | **28** | **8** | **37** | **4** | **3** | **31** | **17** | **7** | **30** | **5** | **14** | **22** | **12** | **25** | **23** | **1** | **27** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **546** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **719** | **20** | **2** | **19** | **11** | **13** | **21** | **39** | **34** | **10** | **38** | **29** | **9** | **33** | **15** | **16** | **36** | **40** | **18** | **35** | **32** |