**Trường THPT Trường Chinh ĐÁP ÁN CHÍNH THỨC**

**THI HỌC KÌ I NĂM 2013-2014**

**VẬT LÍ 12**

E:\lưu trữ 13-14\THI HKI\071213\_22g50p05\_712.Doc → 071213\_22g50p05\_718.Doc

**ĐÁP ÁN - MÃ ĐỀ 712**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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 |  |  |  |  |
| **B** | x |  |  |  |  |  |  | x |  |  | x |  |  |  | x |  | x |  | x |  |
| **C** |  |  |  | x |  | x |  |  | x |  |  | x | x |  |  |  |  | x |  |  |
| **D** |  | x |  |  | x |  | x |  |  |  |  |  |  |  |  |  |  |  |  | x |

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| **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 |  | x | x |  | x |  |
| **B** |  |  |  |  | x |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **C** |  | x |  |  |  | x |  |  |  | x |  | x |  |  |  |  |  | x |  | x |
| **D** |  |  |  | x |  |  |  |  | x |  |  |  | x |  | x |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **41** | **42** | **43** | **44** | **45** | **46** | **47** | **48** |
| **A** | x |  |  | x |  | x |  |  |
| **B** |  |  |  |  | x |  |  |  |
| **C** |  | x |  |  |  |  |  | x |
| **D** |  |  | x |  |  |  | x |  |

**ĐÁP ÁN - MÃ ĐỀ 714**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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 |  |  |  |
| **B** |  | x |  |  |  |  |  | x |  |  |  |  |  |  |  |  |  |  |  |  |
| **C** | x |  |  | x |  |  | x |  |  |  | x | x |  |  |  | x |  | x |  | x |
| **D** |  |  |  |  | x |  |  |  | x |  |  |  |  | x | x |  |  |  | x |  |

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| **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 |  | x |  |  | x |  |
| **C** |  | x |  |  |  |  | x |  |  |  |  | x | x |  | x |  | x |  |  |  |
| **D** |  |  |  |  |  | x |  |  | x |  | x |  |  |  |  |  |  | x |  | x |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **41** | **42** | **43** | **44** | **45** | **46** | **47** | **48** |
| **A** | x |  | x |  |  |  |  |  |
| **B** |  |  |  |  | x |  | x |  |
| **C** |  |  |  |  |  | x |  |  |
| **D** |  | x |  | x |  |  |  | x |

**ĐÁP ÁN - MÃ ĐỀ 716**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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 |  |
| **B** |  |  | x |  |  | x |  |  |  | x |  | x |  |  | x |  |  | x |  |  |
| **C** | x |  |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D** |  |  |  |  |  |  |  | x |  |  | x |  |  | x |  | x |  |  |  | x |

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| **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 |  | x |  |  |  | x |  |  | x |  |  |  |
| **C** | x |  |  |  |  |  |  |  |  |  |  | x |  |  | x |  |  |  | x |  |
| **D** |  | x |  | x |  | x |  |  | x |  |  |  | x |  |  |  |  | x |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **41** | **42** | **43** | **44** | **45** | **46** | **47** | **48** |
| **A** |  |  |  |  | x |  | x |  |
| **B** |  | x |  | x |  |  |  |  |
| **C** | x |  | x |  |  | x |  | x |
| **D** |  |  |  |  |  |  |  |  |

**ĐÁP ÁN - MÃ ĐỀ 718**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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 |  |  | x |  |  |  |  | x |  |  |  | x |
| **C** | x |  | x |  |  |  |  |  | x |  |  |  | x |  |  |  |  | x |  |  |
| **D** |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  | x |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |  | x |  |  |  |  |  |  |  | x |  |
| **C** |  |  |  |  |  | x |  |  | x |  |  |  |  | x |  | x |  | x |  | x |
| **D** | x |  | x |  |  |  |  | x |  | x |  |  | x |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Câu** | **41** | **42** | **43** | **44** | **45** | **46** | **47** | **48** |
| **A** | x |  |  | x |  | x |  |  |
| **B** |  | x |  |  | x |  |  | x |
| **C** |  |  |  |  |  |  | x |  |
| **D** |  |  | x |  |  |  |  |  |

**DANH SÁCH STT CÂU HỎI CÁC ĐỀ SẮP THEO STT CỦA MÃ ĐỀ 712**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **712** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **714** | **24** | **9** | **29** | **16** | **11** | **14** | **2** | **31** | **23** | **1** | **25** | **15** | **28** | **22** | **27** | **6** | **8** | **5** | **30** | **32** |
| **716** | **18** | **30** | **2** | **12** | **6** | **7** | **5** | **31** | **8** | **3** | **22** | **9** | **15** | **24** | **26** | **13** | **4** | **1** | **16** | **27** |
| **718** | **13** | **8** | **19** | **22** | **2** | **23** | **27** | **4** | **32** | **20** | **21** | **12** | **16** | **10** | **3** | **1** | **30** | **17** | **6** | **15** |

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| **712** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **714** | **3** | **7** | **13** | **10** | **21** | **4** | **12** | **19** | **26** | **18** | **17** | **20** | **38** | **34** | **33** | **37** | **35** | **39** | **40** | **36** |
| **716** | **23** | **28** | **14** | **10** | **20** | **29** | **25** | **19** | **17** | **32** | **21** | **11** | **39** | **36** | **35** | **37** | **34** | **40** | **33** | **38** |
| **718** | **9** | **7** | **24** | **18** | **31** | **11** | **25** | **5** | **26** | **28** | **14** | **29** | **34** | **39** | **36** | **37** | **40** | **38** | **35** | **33** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **712** | **41** | **42** | **43** | **44** | **45** | **46** | **47** | **48** |
| **714** | **47** | **42** | **41** | **48** | **46** | **44** | **45** | **43** |
| **716** | **48** | **41** | **43** | **47** | **42** | **44** | **45** | **46** |
| **718** | **46** | **44** | **45** | **41** | **43** | **47** | **42** | **48** |