

ĐÁP ÁN CHÍNH THỨC

I. TRẮC NGHIỆM (8,0 điểm: 0,3đ/1 câu)**Đáp án mã đề: H02**

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| 01. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 07. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 13. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 19. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| 02. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 08. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 14. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 20. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> |
| 03. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 09. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 15. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 21. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> |
| 04. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 10. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 16. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 22. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| 05. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 11. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 17. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 23. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> |
| 06. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 12. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 18. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 24. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |

Đáp án mã đề: H05

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| 01. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 07. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 13. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 19. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> |
| 02. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 08. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 14. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 20. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| 03. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 09. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 15. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 21. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> |
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| 05. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 11. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 17. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 23. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> |
| 06. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 12. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 18. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 24. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> |

Đáp án mã đề: H08

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| 01. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 07. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> | 13. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 19. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> |
| 02. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 08. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 14. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 20. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |
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| 06. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 12. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> | 18. <input type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 24. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D <input type="radio"/> |

Đáp án mã đề: H11

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| 01. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 07. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 13. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 19. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D |
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| 06. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 12. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 18. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 24. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> |

Đáp án mã đề: H14

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| 01. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 07. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 13. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 19. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D |
| 02. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 08. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 14. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 20. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| 03. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 09. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 15. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 21. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D |
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Đáp án mã đề: H17

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| 01. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 07. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 13. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 19. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |
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Đáp án mã đề: H20

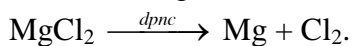
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| 01. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 07. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 13. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 19. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> |
| 02. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 08. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 14. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 20. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D |
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Đáp án mã đề: H23

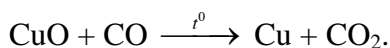
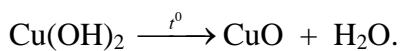
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| 01. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 07. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 13. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 19. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> |
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| 05. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> | 11. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 17. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 23. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> |
| 06. <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> C <input type="radio"/> | 12. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> D | 18. <input type="radio"/> <input checked="" type="radio"/> B <input type="radio"/> <input type="radio"/> | 24. <input checked="" type="radio"/> A <input type="radio"/> <input type="radio"/> <input type="radio"/> |

II. TỰ LUẬN (2,0 điểm)**Câu 1.** (1,0 điểm):

* Điều chế Mg: 0,5 điểm

Cô cạn dd MgCl_2 , thu được MgCl_2 khan.

* Điều chế Cu: 0,5 điểm

**Câu 2.** (1,0 điểm): 0,25đ / 1 CTCT đúng.X là $\text{HCOOCH}=\text{CH}_2$ C là HCOOH E là $(\text{NH}_4)_2\text{CO}_3$ F là $\text{CH}_3\text{COONH}_4$.**Ghi chú:** Phần tự luận, học sinh làm cách khác, nếu đúng vẫn đạt điểm tối đa.