

ĐÁP ÁN CHÍNH THỨC

I. TRẮC NGHIỆM (8,0 điểm: 0,3đ/1 câu)

Đáp án mã đề: (H01)

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

Đáp án mã đề: (H04)

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

Đáp án mã đề: (H07)

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

06. ☐ A ☐ ☐ ☐ 12. ☐ ☐ C ☐ ☐ 18. ☐ ☐ C ☐ ☐ 24. ☐ ☐ ☐ D

Đáp án mã đề: (H10)

01. ☐ B ☐ ☐ ☐ 07. ☐ ☐ ☐ D 13. ☐ A ☐ ☐ ☐ 19. ☐ B ☐ ☐ ☐
02. ☐ A ☐ ☐ ☐ 08. ☐ ☐ ☐ D 14. ☐ ☐ ☐ D 20. ☐ ☐ ☐ D
03. ☐ ☐ ☐ D 09. ☐ B ☐ ☐ ☐ 15. ☐ ☐ ☐ D 21. ☐ A ☐ ☐ ☐
04. ☐ B ☐ ☐ ☐ 10. ☐ A ☐ ☐ ☐ 16. ☐ A ☐ ☐ ☐ 22. ☐ ☐ ☐ D
05. ☐ ☐ C ☐ ☐ 11. ☐ B ☐ ☐ ☐ 17. ☐ A ☐ ☐ ☐ 23. ☐ A ☐ ☐ ☐
06. ☐ ☐ C ☐ ☐ 12. ☐ B ☐ ☐ ☐ 18. ☐ A ☐ ☐ ☐ 24. ☐ A ☐ ☐ ☐

Đáp án mã đề: (H13)

01. ☐ B ☐ ☐ ☐ 07. ☐ A ☐ ☐ ☐ ☐ 13. ☐ A ☐ ☐ ☐ ☐ 19. ☐ B ☐ ☐ ☐
02. ☐ ☐ C ☐ ☐ 08. ☐ A ☐ ☐ ☐ ☐ 14. ☐ A ☐ ☐ ☐ ☐ 20. ☐ B ☐ ☐ ☐
03. ☐ A ☐ ☐ ☐ ☐ 09. ☐ ☐ ☐ D 15. ☐ A ☐ ☐ ☐ ☐ 21. ☐ ☐ C ☐ ☐
04. ☐ ☐ ☐ D 10. ☐ ☐ ☐ D 16. ☐ ☐ ☐ D 22. ☐ B ☐ ☐ ☐
05. ☐ A ☐ ☐ ☐ ☐ 11. ☐ ☐ C ☐ ☐ ☐ 17. ☐ ☐ C ☐ ☐ ☐ 23. ☐ A ☐ ☐ ☐ ☐
06. ☐ B ☐ ☐ ☐ ☐ 12. ☐ A ☐ ☐ ☐ ☐ 18. ☐ ☐ C ☐ ☐ ☐ 24. ☐ ☐ C ☐ ☐

Đáp án mã đề: (H16)

01. ☐ ☐ ☐ D 07. ☐ B ☐ ☐ ☐ ☐ 13. ☐ B ☐ ☐ ☐ ☐ 19. ☐ ☐ ☐ D
02. ☐ B ☐ ☐ ☐ ☐ 08. ☐ B ☐ ☐ ☐ ☐ 14. ☐ A ☐ ☐ ☐ ☐ 20. ☐ B ☐ ☐ ☐
03. ☐ ☐ ☐ D 09. ☐ B ☐ ☐ ☐ ☐ 15. ☐ ☐ C ☐ ☐ ☐ 21. ☐ ☐ C ☐ ☐
04. ☐ B ☐ ☐ ☐ ☐ 10. ☐ A ☐ ☐ ☐ ☐ 16. ☐ ☐ ☐ D 22. ☐ ☐ C ☐ ☐
05. ☐ ☐ ☐ D 11. ☐ A ☐ ☐ ☐ ☐ 17. ☐ B ☐ ☐ ☐ ☐ 23. ☐ ☐ C ☐ ☐
06. ☐ ☐ C ☐ ☐ 12. ☐ A ☐ ☐ ☐ ☐ 18. ☐ A ☐ ☐ ☐ ☐ 24. ☐ ☐ C ☐ ☐

Đáp án mã đề: (H19)

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

Đáp án mã đề: (H22)

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

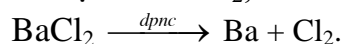
II. TỰ LUẬN (2,0 điểm)

Câu 1. (1,0 điểm):

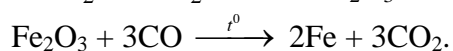
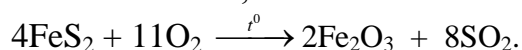
* Điều chế Ba: 0,5 điểm



Cô cạn dd BaCl_2 , thu được BaCl_2 khan.



* Điều chế Fe: 0,5 điểm



Câu 2. (1,0 điểm): 0,25đ / 1 CTCT đúng.

X là $\text{HCOOCH}_2\text{-CH=CH}_2$

Z là $\text{CH}_2\text{=CH-CH}_2\text{OH}$

T là HCOOH

M là $\text{CH}_2\text{=CH-CHO}$

Ghi chú: Phần tự luận, học sinh làm cách khác, nếu đúng vẫn đạt điểm tối đa.

