

**ĐÁP ÁN KIỂM TRA HỌC KỲ I - NĂM HỌC 2020 - 2021**

**Môn : SINH HỌC 12**

**PHẦN I. TRẮC NGHIỆM (24 câu - 6 điểm)**

**Đáp án mã đề: 801**

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

**Đáp án mã đề: 802**

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

**Đáp án mã đề: 803**

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

**Đáp án mã đề: 804**

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

**PHẦN II. TỰ LUẬN (4 câu - 4 điểm)**

**Câu 1:** Viết đủ 3 phép lai và kiểu hình (0.5đ)

- Aa x Aa → 1AA : 2Aa : 1aa = 3 trội : 1 lặn → 3 KG, 2 KH
- Bb x Bb → 1BB : 2 Bb : 1 bb = 3 trội : 1 lặn → 3 KG, 2 KH
- Dd x dd → 1Dd : 1dd = 1 trội : 1 lặn → 3 KG, 2 KH

Vậy SLKG = 3 x 3 x 2 = 18 (0.25đ)

SLKH = 2 x 2 x 2 = 8 (0.25đ)

**Câu 2:** AaBbDd x AaBbDd

- Aa x Aa → 3 trội: 1 lặn (0.25đ)
- Bb x Bb → 3 trội: 1 lặn (0.25đ)
- Dd x Dd → 3 trội: 1 lặn (0.25đ)
- Tỷ lệ KH lặn 3 tính trạng = 1/4 x 1/4 x 1/4 = 1/64 (0.25đ)

**Câu 3:**

- Giao tử liên kết :  $\underline{Ab} = \underline{aB} = 50\% - f/2 = 45\%$  (0.5đ)
- Giao tử hoán vị:  $\underline{AB} = \underline{ab} = f/2 = 5\%$  (0.5đ)

**Câu 4:**

- P:  $\frac{AB}{ab} \times \frac{AB}{ab}$
- G:  $\underline{AB} = \underline{ab} = 30\%$  (0.25đ)     $\underline{Ab} = \underline{aB} = 30\%$  (0.25đ)  
 $\underline{Ab} = \underline{aB} = 20\%$                        $\underline{AB} = \underline{ab} = 20\%$
- KH lặn  $\underline{ab}/\underline{ab} = 30\% \times 30\% = 9\%$  ( 0.5đ)