|  |  |
| --- | --- |
| SỞ GD&ĐT ĐẮK LẮK**TRƯỜNG THPT NGÔ GIA TỰ** | **ĐÁP ÁN** **KỲ THI THỬ TỐT NGHIỆP THPT LẦN 1 NĂM 2023****BÀI THI: KHOA HỌC TỰ NHIÊNMÔN THI:** **VẬT LÍ*****Thời gian làm bài : 50 phút,*** *Không kể thời gian phát đề* |

***Tổng câu trắc nghiệm: 40.***

|  | ***201*** | ***202*** | ***203*** | ***204*** | ***205*** | ***206*** | ***207*** | ***208*** | ***209*** | ***210*** | ***211*** | ***212*** | ***213*** | ***214*** | ***215*** | ***216*** | ***217*** | ***218*** | ***219*** | ***220*** | ***221*** | ***222*** | ***223*** | ***224*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | [0.25] B | [0.25] B | [0.25] C | [0.25] C | [0.25] B | [0.25] B | [0.25] D | [0.25] D | [0.25] C | [0.25] A | [0.25] C | [0.25] D | [0.25] B | [0.25] B | [0.25] C | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] B | [0.25] A |
| **2** | [0.25] A | [0.25] B | [0.25] D | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] D | [0.25] C | [0.25] C | [0.25] A | [0.25] C | [0.25] D | [0.25] C | [0.25] D | [0.25] D | [0.25] D | [0.25] A | [0.25] A |
| **3** | [0.25] C | [0.25] D | [0.25] A | [0.25] D | [0.25] D | [0.25] A | [0.25] C | [0.25] D | [0.25] D | [0.25] B | [0.25] B | [0.25] B | [0.25] D | [0.25] D | [0.25] A | [0.25] B | [0.25] B | [0.25] D | [0.25] C | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] B |
| **4** | [0.25] B | [0.25] A | [0.25] D | [0.25] D | [0.25] C | [0.25] C | [0.25] C | [0.25] C | [0.25] D | [0.25] D | [0.25] C | [0.25] D | [0.25] B | [0.25] D | [0.25] D | [0.25] B | [0.25] D | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] B | [0.25] C | [0.25] B |
| **5** | [0.25] B | [0.25] B | [0.25] D | [0.25] B | [0.25] A | [0.25] D | [0.25] B | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] A | [0.25] C | [0.25] A | [0.25] C | [0.25] D | [0.25] B | [0.25] D | [0.25] A |
| **6** | [0.25] A | [0.25] A | [0.25] A | [0.25] C | [0.25] A | [0.25] C | [0.25] B | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] B | [0.25] A | [0.25] B | [0.25] B | [0.25] D | [0.25] C | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] D | [0.25] B | [0.25] A |
| **7** | [0.25] A | [0.25] A | [0.25] A | [0.25] A | [0.25] D | [0.25] C | [0.25] A | [0.25] A | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] C | [0.25] C | [0.25] C | [0.25] B | [0.25] B | [0.25] A | [0.25] D | [0.25] B | [0.25] C | [0.25] D | [0.25] D | [0.25] D |
| **8** | [0.25] C | [0.25] C | [0.25] D | [0.25] B | [0.25] C | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] B | [0.25] A | [0.25] C | [0.25] C |
| **9** | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] D | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] C | [0.25] B | [0.25] B | [0.25] C | [0.25] D | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] C | [0.25] D | [0.25] B |
| **10** | [0.25] B | [0.25] A | [0.25] A | [0.25] C | [0.25] D | [0.25] D | [0.25] B | [0.25] A | [0.25] C | [0.25] B | [0.25] B | [0.25] C | [0.25] D | [0.25] B | [0.25] D | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] A | [0.25] B |
| **11** | [0.25] D | [0.25] C | [0.25] D | [0.25] D | [0.25] B | [0.25] B | [0.25] C | [0.25] A | [0.25] A | [0.25] D | [0.25] D | [0.25] B | [0.25] B | [0.25] A | [0.25] B | [0.25] B | [0.25] C | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] D | [0.25] D |
| **12** | [0.25] C | [0.25] D | [0.25] B | [0.25] B | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] D | [0.25] D | [0.25] B | [0.25] B | [0.25] A | [0.25] D | [0.25] C | [0.25] C | [0.25] A | [0.25] A | [0.25] A | [0.25] B | [0.25] B | [0.25] A | [0.25] B | [0.25] D |
| **13** | [0.25] C | [0.25] A | [0.25] C | [0.25] A | [0.25] C | [0.25] D | [0.25] C | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] A | [0.25] C | [0.25] A | [0.25] A | [0.25] C | [0.25] A | [0.25] B | [0.25] D | [0.25] D | [0.25] D | [0.25] B | [0.25] D | [0.25] A |
| **14** | [0.25] D | [0.25] A | [0.25] D | [0.25] D | [0.25] D | [0.25] C | [0.25] C | [0.25] C | [0.25] C | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] A | [0.25] D | [0.25] D | [0.25] B | [0.25] A | [0.25] D | [0.25] B | [0.25] C | [0.25] B | [0.25] C | [0.25] C |
| **15** | [0.25] A | [0.25] C | [0.25] B | [0.25] B | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] D | [0.25] B | [0.25] D | [0.25] C | [0.25] C | [0.25] C | [0.25] A | [0.25] A | [0.25] B | [0.25] C | [0.25] B | [0.25] A | [0.25] B | [0.25] D | [0.25] A | [0.25] A |
| **16** | [0.25] B | [0.25] D | [0.25] C | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] B | [0.25] D | [0.25] C | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] C | [0.25] B | [0.25] B | [0.25] C | [0.25] D | [0.25] C |
| **17** | [0.25] C | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] B | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] D | [0.25] A | [0.25] A | [0.25] B | [0.25] B | [0.25] A |
| **18** | [0.25] D | [0.25] B | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] D | [0.25] C | [0.25] A | [0.25] B | [0.25] A | [0.25] A | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] C | [0.25] B | [0.25] C |
| **19** | [0.25] C | [0.25] B | [0.25] B | [0.25] C | [0.25] D | [0.25] A | [0.25] A | [0.25] A | [0.25] D | [0.25] A | [0.25] C | [0.25] D | [0.25] A | [0.25] A | [0.25] D | [0.25] D | [0.25] B | [0.25] A | [0.25] C | [0.25] D | [0.25] D | [0.25] B | [0.25] C | [0.25] D |
| **20** | [0.25] D | [0.25] A | [0.25] C | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] D | [0.25] B | [0.25] D | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] C | [0.25] B | [0.25] B | [0.25] C | [0.25] C | [0.25] C | [0.25] D | [0.25] A | [0.25] C | [0.25] A |
| **21** | [0.25] C | [0.25] C | [0.25] B | [0.25] C | [0.25] C | [0.25] D | [0.25] C | [0.25] D | [0.25] D | [0.25] D | [0.25] A | [0.25] A | [0.25] A | [0.25] B | [0.25] D | [0.25] C | [0.25] D | [0.25] A | [0.25] A | [0.25] A | [0.25] A | [0.25] A | [0.25] A | [0.25] B |
| **22** | [0.25] A | [0.25] B | [0.25] D | [0.25] A | [0.25] D | [0.25] B | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] C | [0.25] B | [0.25] D | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] C | [0.25] A | [0.25] C | [0.25] C | [0.25] B | [0.25] A | [0.25] C |
| **23** | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] A | [0.25] B | [0.25] C | [0.25] A | [0.25] B | [0.25] A | [0.25] D | [0.25] C | [0.25] D | [0.25] D | [0.25] A | [0.25] A | [0.25] A | [0.25] B | [0.25] C | [0.25] B | [0.25] C | [0.25] C | [0.25] D | [0.25] D |
| **24** | [0.25] B | [0.25] D | [0.25] C | [0.25] D | [0.25] B | [0.25] C | [0.25] C | [0.25] C | [0.25] D | [0.25] B | [0.25] C | [0.25] C | [0.25] A | [0.25] C | [0.25] B | [0.25] B | [0.25] A | [0.25] C | [0.25] B | [0.25] C | [0.25] A | [0.25] B | [0.25] B | [0.25] B |
| **25** | [0.25] A | [0.25] A | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] D | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] D | [0.25] B | [0.25] D | [0.25] A | [0.25] D | [0.25] D |
| **26** | [0.25] A | [0.25] C | [0.25] A | [0.25] C | [0.25] D | [0.25] C | [0.25] A | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] C | [0.25] A | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] C | [0.25] C | [0.25] A | [0.25] C |
| **27** | [0.25] C | [0.25] A | [0.25] B | [0.25] D | [0.25] A | [0.25] C | [0.25] C | [0.25] C | [0.25] C | [0.25] A | [0.25] D | [0.25] C | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] A | [0.25] D | [0.25] C | [0.25] A | [0.25] B | [0.25] D | [0.25] C | [0.25] C |
| **28** | [0.25] D | [0.25] C | [0.25] D | [0.25] B | [0.25] A | [0.25] A | [0.25] D | [0.25] A | [0.25] B | [0.25] A | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] B | [0.25] D | [0.25] A | [0.25] C | [0.25] D | [0.25] D | [0.25] D | [0.25] A | [0.25] C | [0.25] A |
| **29** | [0.25] C | [0.25] B | [0.25] A | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] B | [0.25] A | [0.25] C | [0.25] D | [0.25] D | [0.25] B | [0.25] C | [0.25] D | [0.25] C | [0.25] C | [0.25] A | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] D | [0.25] A |
| **30** | [0.25] B | [0.25] B | [0.25] B | [0.25] B | [0.25] C | [0.25] B | [0.25] C | [0.25] C | [0.25] C | [0.25] D | [0.25] C | [0.25] A | [0.25] D | [0.25] A | [0.25] C | [0.25] C | [0.25] C | [0.25] D | [0.25] C | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] B |
| **31** | [0.25] D | [0.25] A | [0.25] C | [0.25] A | [0.25] A | [0.25] A | [0.25] B | [0.25] B | [0.25] D | [0.25] D | [0.25] C | [0.25] B | [0.25] C | [0.25] A | [0.25] A | [0.25] B | [0.25] D | [0.25] D | [0.25] D | [0.25] B | [0.25] B | [0.25] C | [0.25] A | [0.25] D |
| **32** | [0.25] B | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] D | [0.25] B | [0.25] C | [0.25] A | [0.25] A | [0.25] A | [0.25] B | [0.25] C | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] B | [0.25] A | [0.25] B | [0.25] D | [0.25] A | [0.25] B |
| **33** | [0.25] D | [0.25] D | [0.25] B | [0.25] D | [0.25] B | [0.25] D | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] D | [0.25] A | [0.25] B | [0.25] D | [0.25] A | [0.25] D | [0.25] B | [0.25] A | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] C |
| **34** | [0.25] A | [0.25] B | [0.25] A | [0.25] A | [0.25] A | [0.25] B | [0.25] A | [0.25] B | [0.25] C | [0.25] D | [0.25] A | [0.25] C | [0.25] B | [0.25] A | [0.25] C | [0.25] D | [0.25] C | [0.25] D | [0.25] C | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] B |
| **35** | [0.25] A | [0.25] C | [0.25] C | [0.25] D | [0.25] C | [0.25] C | [0.25] A | [0.25] B | [0.25] B | [0.25] A | [0.25] C | [0.25] C | [0.25] C | [0.25] C | [0.25] B | [0.25] A | [0.25] B | [0.25] B | [0.25] B | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] D |
| **36** | [0.25] B | [0.25] C | [0.25] C | [0.25] C | [0.25] C | [0.25] A | [0.25] D | [0.25] C | [0.25] B | [0.25] B | [0.25] D | [0.25] A | [0.25] D | [0.25] D | [0.25] D | [0.25] C | [0.25] D | [0.25] C | [0.25] B | [0.25] A | [0.25] D | [0.25] A | [0.25] C | [0.25] B |
| **37** | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] D | [0.25] A | [0.25] A | [0.25] A | [0.25] D | [0.25] D | [0.25] D | [0.25] D | [0.25] C | [0.25] A | [0.25] C | [0.25] A | [0.25] D | [0.25] C | [0.25] C | [0.25] A | [0.25] C |
| **38** | [0.25] D | [0.25] D | [0.25] A | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] D | [0.25] C | [0.25] C | [0.25] B | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] D | [0.25] A | [0.25] B | [0.25] C | [0.25] A | [0.25] D | [0.25] D | [0.25] B | [0.25] C |
| **39** | [0.25] D | [0.25] D | [0.25] B | [0.25] A | [0.25] B | [0.25] A | [0.25] D | [0.25] D | [0.25] B | [0.25] C | [0.25] B | [0.25] D | [0.25] A | [0.25] C | [0.25] C | [0.25] A | [0.25] D | [0.25] B | [0.25] B | [0.25] A | [0.25] D | [0.25] A | [0.25] A | [0.25] D |
| **40** | [0.25] A | [0.25] B | [0.25] A | [0.25] B | [0.25] B | [0.25] D | [0.25] A | [0.25] A | [0.25] A | [0.25] C | [0.25] D | [0.25] D | [0.25] C | [0.25] B | [0.25] A | [0.25] A | [0.25] B | [0.25] C | [0.25] A | [0.25] C | [0.25] A | [0.25] A | [0.25] C | [0.25] D |