**ĐÁP ÁN CÁC MÃ ĐỀ HỌC KỲ II MÔN TOÁN 12 NĂM HỌC 2019-2020**

**Mã đề [157]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **B** | **A** | **B** | **D** | **C** | **A** | **D** | **A** | **C** | **D** | **B** | **B** | **C** | **D** | **C** | **B** | **A** | **A** | **A** | **C** |
| **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **C** | **D** | **D** | **A** | **B** | **B** | **B** | **B** | **A** | **A** | **C** | **D** | **A** | **D** | **C** | **D** | **C** | **B** | **B** | **C** |

**Mã đề [261]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **C** | **A** | **C** | **D** | **C** | **B** | **B** | **A** | **C** | **B** | **C** | **D** | **D** | **A** | **B** | **C** | **B** | **D** | **B** | **B** |
| **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **C** | **C** | **B** | **C** | **D** | **A** | **A** | **D** | **D** | **A** | **C** | **A** | **B** | **B** | **D** | **B** | **A** | **D** | **C** | **C** |

**Mã đề [335]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **A** | **A** | **C** | **A** | **C** | **D** | **A** | **C** | **C** | **D** | **B** | **B** | **B** | **C** | **A** | **A** | **D** | **C** | **C** | **D** |
| **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **B** | **B** | **D** | **A** | **C** | **A** | **D** | **A** | **D** | **C** | **B** | **C** | **C** | **B** | **C** | **B** | **C** | **D** | **B** | **A** |

**Mã đề [436]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| **C** | **A** | **A** | **D** | **A** | **D** | **B** | **A** | **A** | **C** | **C** | **A** | **C** | **D** | **A** | **B** | **C** | **D** | **D** | **B** |
| **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** | **40** |
| **D** | **C** | **C** | **C** | **B** | **A** | **B** | **A** | **D** | **C** | **C** | **C** | **C** | **C** | **B** | **C** | **D** | **C** | **B** | **B** |

|  |  |  |
| --- | --- | --- |
| ***1*** | Tính  | ***1,00*** |
|  | Đặt: | *0,25* |
|  | *0,25* |
|  | *0,25* |
|  Vậy:  | *0,25* |
| ***2*** | Trong không gian hệ tọa độ , cho điểm ,  và mặt phẳng . Gọi *I* là trung điểm của đoạn thẳng *AB*. Viết phương trình mặt phẳng (*Q*) qua *I* và song song với mặt phẳng (*P*). | ***1,25*** |
|  | Tọa độ trung điểm I của đoạn thẳng AB là   | *0,25* |
| Mặt phẳng (Q) song song với (P) ptmp (Q) :  ,   | *0,25* |
| (Q) qua I (nhận) | *0,25* |
|   | *0,25* |