

## 総合分析

| 試験区分                 | 一般（前期）   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|----------------------|--|--------------------|-------|----------|------|-------|--------|-------|------|--------|---------|---------|-----|------|-----|----|----|------|-----|---------|-----|--------|----|------|----|-----------|----|--------|----|--------|----|---------|----|-----------|----|--------|----|----------|----|----------|----|--------|----|-----------|----|-------|----|------|----|----------|----|-----------|-----|
| 制限時間                 | 50分  | 大問数                | 全 4 問 |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| <b>合格に要する能力（5段階）</b> |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 計算力                  | 2.7  | 高度な計算をやり遂げる力       |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 解析力                  | 2.8  | 問題文を正しく読み取る力       |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 知識力                  | 2.7  | 解くことに必要な知識の量       |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 初手力                  | 2.9  | 初手の難しさ             |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 見極力                  | 3.7  | 解きやすい問題を選択する力      |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 出題分野                 | <table border="1"> <tr><td>数学 I</td><td>18%</td></tr> <tr><td>数学 A</td><td>35%</td></tr> <tr><td>数学 II</td><td>38%</td></tr> <tr><td>数学 B</td><td>0%</td></tr> <tr><td>数学 III</td><td>0%</td></tr> <tr><td>数学 C</td><td>10%</td></tr> </table>   |                    |       | 数学 I     | 18%  | 数学 A  | 35%    | 数学 II | 38%  | 数学 B   | 0%      | 数学 III  | 0%  | 数学 C | 10% |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学 I                 | 18%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学 A                 | 35%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学 II                | 38%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学 B                 | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学 III               | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学 C                 | 10%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 本年度出題テーマ一覧           | <table border="1"> <tr><td>第 1 問</td><td>小問集合</td></tr> <tr><td>第 2 問</td><td>2点間の距離</td></tr> <tr><td>第 3 問</td><td>平面幾何</td></tr> <tr><td>第 4 問</td><td>重複組み合わせ</td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>   |                    |       | 第 1 問    | 小問集合 | 第 2 問 | 2点間の距離 | 第 3 問 | 平面幾何 | 第 4 問  | 重複組み合わせ |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 第 1 問                | 小問集合   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 第 2 問                | 2点間の距離   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 第 3 問                | 平面幾何   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 第 4 問                | 重複組み合わせ  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 本年度 解答形式             | <table border="1"> <tr><td>マーク 100%</td></tr> </table>   |                    |       | マーク 100% |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| マーク 100%             |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 本年度 出題詳細分類           | <table border="1"> <tr><td>集合と式</td><td>10%</td></tr> <tr><td>二次関数</td><td>8%</td></tr> <tr><td>図形と計量</td><td>0%</td></tr> <tr><td>データの分析</td><td>20%</td></tr> <tr><td>場合の数と確率</td><td>15%</td></tr> <tr><td>平面幾何</td><td>0%</td></tr> <tr><td>整数</td><td>0%</td></tr> <tr><td>式と証明</td><td>20%</td></tr> <tr><td>複素数と方程式</td><td>18%</td></tr> <tr><td>図形と方程式</td><td>0%</td></tr> <tr><td>三角関数</td><td>0%</td></tr> <tr><td>指数関数と対数関数</td><td>0%</td></tr> <tr><td>整式の積分法</td><td>0%</td></tr> <tr><td>統計的な推測</td><td>0%</td></tr> <tr><td>数学と社会生活</td><td>0%</td></tr> <tr><td>分数関数と無理関数</td><td>0%</td></tr> <tr><td>微分法（目）</td><td>0%</td></tr> <tr><td>数列と関数の極限</td><td>0%</td></tr> <tr><td>逆関数と合成関数</td><td>0%</td></tr> <tr><td>平面ベクトル</td><td>0%</td></tr> <tr><td>空間幾何とベクトル</td><td>0%</td></tr> <tr><td>複素数平面</td><td>0%</td></tr> <tr><td>二次曲線</td><td>0%</td></tr> <tr><td>極座標と極方程式</td><td>0%</td></tr> <tr><td>数学的な表現の工夫</td><td>10%</td></tr> </table> |                    |       | 集合と式     | 10%  | 二次関数  | 8%     | 図形と計量 | 0%   | データの分析 | 20%     | 場合の数と確率 | 15% | 平面幾何 | 0%  | 整数 | 0% | 式と証明 | 20% | 複素数と方程式 | 18% | 図形と方程式 | 0% | 三角関数 | 0% | 指数関数と対数関数 | 0% | 整式の積分法 | 0% | 統計的な推測 | 0% | 数学と社会生活 | 0% | 分数関数と無理関数 | 0% | 微分法（目） | 0% | 数列と関数の極限 | 0% | 逆関数と合成関数 | 0% | 平面ベクトル | 0% | 空間幾何とベクトル | 0% | 複素数平面 | 0% | 二次曲線 | 0% | 極座標と極方程式 | 0% | 数学的な表現の工夫 | 10% |
| 集合と式                 | 10%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 二次関数                 | 8%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 図形と計量                | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| データの分析               | 20%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 場合の数と確率              | 15%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 平面幾何                 | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 整数                   | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 式と証明                 | 20%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 複素数と方程式              | 18%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 図形と方程式               | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 三角関数                 | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 指数関数と対数関数            | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 整式の積分法               | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 統計的な推測               | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学と社会生活              | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 分数関数と無理関数            | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 微分法（目）               | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数列と関数の極限             | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 逆関数と合成関数             | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 平面ベクトル               | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 空間幾何とベクトル            | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 複素数平面                | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 二次曲線                 | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 極座標と極方程式             | 0%   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 数学的な表現の工夫            | 10%  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 特殊問題の有無              | <table border="1"> <tr><td>記述なし</td><td>証明なし</td></tr> <tr><td>統計なし</td><td>数IIIあり</td></tr> <tr><td></td><td>長文なし</td></tr> </table>  |                    |       | 記述なし     | 証明なし | 統計なし  | 数IIIあり |       | 長文なし |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 記述なし                 | 証明なし   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 統計なし                 | 数IIIあり   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      | 長文なし   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 特記事項                 | 特になし   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 総合評価                 |  |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 難度                   | 3.0  | 最難を 5 とする問題自体の難度   | 標準    |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 分量                   | 50分  | 完答に要する時間（制限時間は50分） | 標準    |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 一次合格に必要な正答率（予想）      |  | 67%                |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
|                      |  | 高い正答率を要する          |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 入試の特徴と対策             | <ul style="list-style-type: none"> <li>使う知識は難しくないが、計算量が多い。面倒でも常に自力で求値しよう。</li> <li>入試問題としてありふれた題材が多い。単純に演習量で十分に対策できる。</li> <li>少ない単元の知識で解けるものが多い。単元ごとに公式を確認しておこう。</li> </ul>   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |
| 入試から見る<br>大学が求める学生像  | <p>標準問題のみからなるが、幾何的な要素を含む問題もあるので、自分の解ける問題にどのくらいの比重をかけたかによって得点率が大きく変わってくるだろう。</p> <p>しっかりとした状況把握能力と標準的な対応力のある学生を求めていると考えられる。</p>   |                    |       |          |      |       |        |       |      |        |         |         |     |      |     |    |    |      |     |         |     |        |    |      |    |           |    |        |    |        |    |         |    |           |    |        |    |          |    |          |    |        |    |           |    |       |    |      |    |          |    |           |     |