

Mathematics General Science Test Hard Mode

| Sr | Questions | Answers Choice |
|----|--|--|
| 1 | Question Image | |
| 2 | Question Image | |
| 3 | Question Image | |
| 4 | Which is an explicit function | D. All |
| 5 | Question Image | D. None |
| 6 | Question Image | |
| 7 | The number of diagonals of a six sided figure are | A. 9 B. 6 C. 12 D. 3 |
| 8 | Which of the following integrals can be evaluated | |
| 9 | In the expansion of $(a + b)^{n}$ in every term the sum of the exponents of a and b is | A. n B. n + 1 C. 2n - 1 D. 2n + 1 |
| 10 | If A = (3, 8) and B = (5, 6), then the distance between A and B is | B. 2 C. 1 D. 6 |
| 11 | Question Image | |
| 12 | The set of complex numbers forms a group under the binary operation of | A. Addition B. Multiplication C. Division D. Subtraction |
| 13 | Question Image | |
| 14 | Question Image | D. None of these |
| 15 | Sin x + Cos x = 1 x = | |
| 16 | If K_1 : K_2 = 1 : 1 then the point P dividing the line is | A. Midpoint B. Extreme left point C. Extreme Right Point D. P lies out side k ₁ and k ₂ |
| 17 | Question Image | |
| 18 | Question Image | |
| 19 | If A and B are matrices such that AB=BA=I then | A. <div>A and B are multiplicative inverse of each other</div> B. <div>A and B are additive inverse of each other</div> C A and B are singular matrices D. A and B are equal |
| 20 | The number ways in which 5 distinct toys can be distributed among 3 children is | A. 3 ⁵ B. 5 ³ C. C ₃ ⁵ D. P ₃ ⁵ |
| | | |