Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Both the roots of the equation (x -b) (x - c) + (x -c) (x-a) +(x-a) (x-b) = 0 are always	A. Positive B. Negative C. Real D. None of these
2	The quadratic equation 8 sec2θ - 6 secθ +1 =0 has	A. Infinitely many roots B. Exactly two roots C. Exactly four roots D. No roots
3	If the pth, qth, and rth terms of an A.P. are in G.P:., then the common ratio of the G.P. is	
4	Question Image	
5	Question Image	
6	In quadratic equation, if the replacement of y with -y leaves the equation unchanged, then the graph is	A. Straight line B. Circle C. Hyperbola D. Symmetric w.r.t.0
7	Question Image	
8	Question Image	
9	$¡^3=$	A. -1 B. i C. -i D. 1
10	Question Image	
11	Question Image	
12	Each point of the feasible region is called	A. Solution B. feasible solution C. Both a & b D. None
13	Question Image	D. none of these
14	Question Image	
15	Question Image	A. 2 B. 4 C. 6 D. 8
16	Question Image	A. 3/4 B. -3/4 C. 4/3 D. -4/3
17	Question Image	D. none of these
18	Question Image	A. An expression B. Rational fraction C. Equation D. Identity
19	If a polynomial P(x) is divided by x - a, then the remainder is	A. P(o) B. P(-a) C. P(a) D. None of these
20	A and B be two square matrices and if their inverse exist the (AB)-1 =	A. A-1 B-1 B. AB-1 C. A-1B D. B-1A-1