**Math’s Macq’s for Quizzler**

1 McqsContentBox(

question: 'What should be done to make the coefficient of x2 equal to 1 in 3x2 +7x = 0?',

option1: 'Multiply the equation by 1/3',

option2: 'Add 1/3 in both sides',

option3: 'Divide the equation by 1/3',

option4: 'Subtract 1/3 from both sides',

option5: 'None of these',

correctOption: 'a',

),

2 McqsContentBox(

question: 'Sentences involving the Sign…… between two algebraic expressions are called equations?',

option1: '<',

option2: '< or >',

option3: '>',

option4: '=',

option5: 'None of these',

correctOption: 'd',

),

3 McqsContentBox(

question: 'Two linear factors of x2 – 15x +56 are?',

option1: '(x+7)and(x-8)',

option2: '(x-7)and(x-8)',

option3: '(x-7)and(x+8)',

option4: '(x+7)and(x+8)',

option5: 'None of these',

correctOption: 'b',

),

4 McqsContentBox(

question: 'The number of real roots of the equations |x|2-5|x|+6=0, is?',

option1: '1',

option2: '2',

option3: '3',

option4: '4',

option5: 'None of these',

correctOption: 'd',

),

5 McqsContentBox(

question: 'Solution set of equation 25x2 -1 =0 is?',

option1: '{±1}',

option2: '{1/±5}',

option3: '{1/±7}',

option4: '{1/±3}',

option5: 'None of these',

correctOption: 'b',

),

6 McqsContentBox(

question: 'An equation of the type 3x +32-x + 6=0 is a/an………?',

option1: 'Exponential equation',

option2: 'None of these',

option3: 'Radical equation',

option4: 'Reciprocal equation',

option5: 'None of these',

correctOption: 'a',

),

7 McqsContentBox(

question: 'The equation x- 2/x-1 = 1-2/x-1 has?',

option1: 'No solution',

option2: 'Two solutions',

option3: 'Threeo solutions',

option4: 'One solutions',

option5: 'None of these',

correctOption: 'a',

),

8 McqsContentBox(

question: 'If y = 2x and 8y = 1, then x = …………….?',

option1: '1/8',

option2: '8',

option3: '3',

option4: '-3',

option5: 'None of these',

correctOption: 'd',

),

9 McqsContentBox(

question: 'An equation of the form 22x-3,2x+5=0 is called a/an\_\_\_ equation?',

option1: 'Exponential',

option2: 'reciprocal',

option3: 'Radical',

option4: 'All',

option5: 'None of these',

correctOption: 'c',

),

10 McqsContentBox(

question: 'The standard form of the quadratic equation is ax2 + bx +c = 0 where a, b,c are……?',

option1: 'Rational numbers',

option2: 'Whole numbers',

option3: 'Irrational numbers',

option4: 'Real numbers',

option5: 'None of these',

correctOption: 'd',

),

11 McqsContentBox(

question: 'Number of way to solve quadratic equation are?',

option1: '4',

option2: '3',

option3: '2',

option4: '1',

option5: 'None of these',

correctOption: 'b',

),

12 McqsContentBox(

question: 'What is the degree of quadratic equation?',

option1: '4',

option2: '3',

option3: '2',

option4: '5',

option5: 'None of these',

correctOption: 'c',

),

13 McqsContentBox(

question: 'The number of root of a quadratic equation is?',

option1: '6',

option2: '7',

option3: '4',

option4: '3',

option5: 'None of these',

correctOption: 'e',

),

14 McqsContentBox(

question: 'Standard form of quadratic equation?',

option1: 'ax2+ bx + c = 0',

option2: 'ax2= bx , a ? 0',

option3: 'ax2 = 0 , a = 0',

option4: 'b +c = 0 , b ? 0',

option5: 'None of these',

correctOption: 'a',

),

15 McqsContentBox(

question: 'The common solution of the quaderatic equations x2-7x+10=0 and x2-10x+16=0 is?',

option1: '-2',

option2: '2',

option3: '3',

option4: '5',

option5: 'None of these',

correctOption: 'b',

),

16 McqsContentBox(

question: 'The solution set of equation 5x2 = 30 x is ……?',

option1: '{5,30}',

option2: '{0,-6}',

option3: '{0,6}',

option4: '{5,0}',

option5: 'None of these',

correctOption: 'c',

),

17 McqsContentBox(

question: 'Solution set of equation 4x2 – 16 = 0?',

option1: '{2}',

option2: '{±4}',

option3: '{4}',

option4: '{±2}',

option5: 'None of these',

correctOption: 'd',

),

18 McqsContentBox(

question: 'How many linear factors a quadratic equation has?',

option1: '3',

option2: '4',

option3: '5',

option4: '6',

option5: 'None of these',

correctOption: 'e',

),

19 McqsContentBox(

question: 'The factors of x2-8x-20 are?',

option1: '(x-10)(x+2)',

option2: '(x-5)(x+4)',

option3: '(x+10)(x-2)',

option4: '(x+5)(x-4)',

option5: 'None of these',

correctOption: 'a',

),

20 McqsContentBox(

question: 'An equation of the form 2x4-3x3+7x2-3x+2=0 is called a/an?',

option1: 'Radical equation',

option2: 'Reciprocal equation',

option3: 'Exponential equation',

option4: 'All',

option5: 'None of these',

correctOption: 'b',

),

21 McqsContentBox(

question: 'If x = ey, then y = logeX= ln x, is known as the \_\_\_\_\_\_\_\_\_\_\_\_\_ of x?',

option1: 'Exponential',

option2: 'Common lagarithmic',

option3: 'Natural logarithmic',

option4: 'All',

option5: 'None of these',

correctOption: 'c',

),

22 McqsContentBox(

question: 'Let f(x) = x3+ sin x, then f(x) is?',

option1: 'An even function',

option2: 'A constant function',

option3: 'An odd function',

option4: 'Neither even nor odd',

option5: 'None of these',

correctOption: 'd',

),

23 McqsContentBox(

question: 'For any set X, a function 1 : X?',

option1: 'An identity function',

option2: 'An additive identity function',

option3: 'Quadratic function',

option4: 'Biquadratic function',

option5: 'None of these',

correctOption: 'e',

),

24 McqsContentBox(

question: 'A unit vector vector is defined as a vector whose magnitude is?',

option1: 'Unity',

option2: 'Less than 1',

option3: 'More than 1',

option4: 'Zero',

option5: 'None of these',

correctOption: 'a',

),

25 McqsContentBox(

question: 'A vector whose magnitude is unity called?',

option1: 'Constant vector',

option2: 'Unit vector',

option3: 'Null vector',

option4: 'Zero vector',

option5: 'None of these',

correctOption: 'b',

),

26 McqsContentBox(

question: 'Magnitude of the vector V = [3,-4]?',

option1: '3',

option2: '4',

option3: '5',

option4: '6',

option5: 'None of these',

correctOption: 'c',

),

27 McqsContentBox(

question: 'Two non-zero vectorsa & b are parallel ifa x b=?',

option1: '0',

option2: '1',

option3: '-1',

option4: '–bxa',

option5: 'None of these',

correctOption: 'd',

),

28 McqsContentBox(

question: 'j . k x i equals?',

option1: 'j',

option2: 'k',

option3: 'i',

option4: 'k.j',

option5: 'None of these',

correctOption: 'e',

),

29 McqsContentBox(

question: 'Two non-zero vectors u and v are perpendicula if and only if u.v is equal to?',

option1: '2',

option2: '3',

option3: '4',

option4: '5',

option5: 'None of these',

correctOption: 'a',

),

30 McqsContentBox(

question: 'The dot product of unit vector i with unit vector j is?',

option1: '0',

option2: '1',

option3: '2',

option4: '3',

option5: 'None of these',

correctOption: 'a',

),