Question FBQ1 :

Answer: Absolutely

Question FBQ2 :

Answer: Conditionally

Question FBQ3 :

Answer: 35

Question FBQ4 : <p style="text-align:justify"><img src="@@PLUGINFILE@@/Picture44.png" alt="" width="500" height="201">

Answer: 6

Question FBQ5 :

Answer: Continuous

Question FBQ6 : _____

Answer: non-decreasing

Question FBQ7 : _____<p style="text-align:center">

Answer: $\cos\theta$

Question FBQ8 :

Answer: -16

Question FBQ9 : _____

Answer: xyexyz

Question FBQ10 : _____<p style="text-align:justify">

Answer: 1

Question FBQ11 : The Taylor's series expansion at <span style="position:relative"><span style="top:5pt">(1,1) is _____<p style="text-align:justify">

Answer: 1+(y-1)+(x-1)(y-1)+…..

Question FBQ12 :

Answer: (1,1)

Question FBQ13 :

Answer: -3a3cos2tsint+3b3sin2tcost

Question FBQ14 : _____

Answer: xx2+y2

Question FBQ15 : The ordinary derivative of a function of several variables with respect to one of the independent variables, keeping all other independent variables constant, is called _____of the function with respect to the variable.

Answer: the partial derivative

Question FBQ16 : <p style="text-align:justify">

Answer: Local Maximum

Question FBQ17 :

Answer: X=0, x=2

Question FBQ18 :

Answer: f0=5, f2=-7

Question FBQ19 : <p style="text-align:justify">

Answer: -2,0

Question FBQ20 :

Answer: Divergent

Question FBQ21 : <p style="text-align:justify">

Answer: I=28

Question FBQ22 : _____

Answer: xx2+y2

Question FBQ23 : <p style="text-align:justify">

Answer: I = 1.851944

Question FBQ24 :

Answer: I = 28

Question FBQ25 :

Answer: I = 1.849317

Question FBQ26 :
_____

Answer: (-1)n+11n

Question FBQ27 : _____

Answer: (-1)n+1n-1n

Question FBQ28 : _____

Answer: n-1/n

Question FBQ29 : _____

Answer: non-decreasing

Question FBQ30 : _____<p style="text-align:justify">

Answer: non- increasing sequence

Question FBQ31 : <span style="position:relative"><span style="top:12pt">---------------------------

Answer: 2

Question FBQ32 : If _____

Answer: 12

Question FBQ33 : if_____

Answer: 2x+y

Question FBQ34 : If_____

Answer: 3x^2-4xy

Question FBQ35 : If _____<p style="text-align:justify">

Answer: -1

Question FBQ36 : If <span style="position:relative"><span style="top:12pt">is_____

Answer: 3x^2-4xy

Question FBQ37 : If will be_____

Answer: 3cos(3x+2y)

Question FBQ38 :

Answer: Local Minimum

Question FBQ39 : If _____<p style="text-align:justify">

Answer: R cosθ

Question FBQ40 : The Maclaurin series for the function is------------------

Answer: 1-x+x^2-x^3+……

Question FBQ41 : The function assume local minima at------------------------------

Answer: (-2,-11), (3,14)

Question FBQ42 : The Taylor series generated by is ------------------------

Answer: ∑n=0∞(-1)nx2n2n!

Question FBQ43 : If

Answer: 6x – sinx

Question FBQ44 : If

Answer: 3

Question FBQ45 : If is

Answer: 2a^3xy/(ax-y^2)^3

Question FBQ46 : The term containing in Taylor's series expansion of is
----

Answer: X^2y/2

Question FBQ47 : The function attains its minimum value at--------------------------
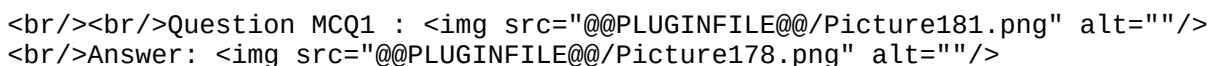
Answer: (-3,0)

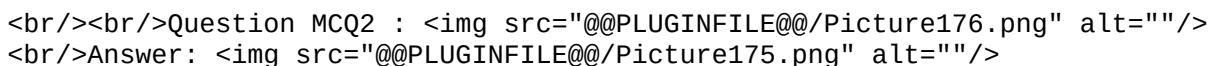

Question FBQ48 : The maximum value of
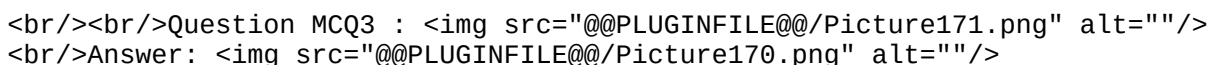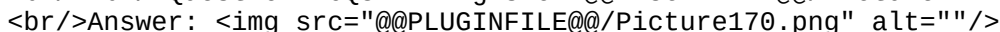is-----------------------------------
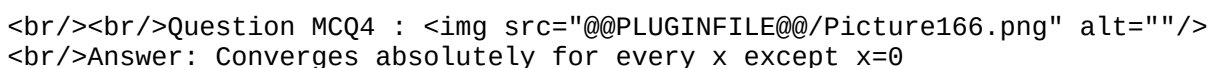
Answer: 5

Question FBQ49 : A point where the graph of a function has a tangent line and where the concavity changes is called _____
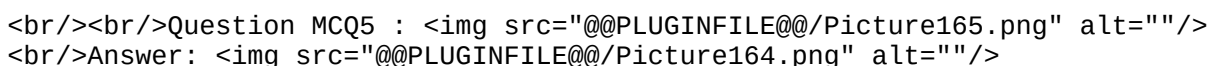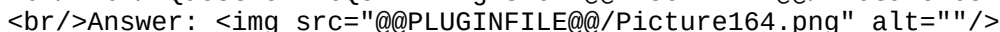
Answer: A point of Inflection

Question FBQ50 : <img src="data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAcoAAAAwCAIAAAAegK1AAAAEWUlEQVR4nO3c3WGjMBCFUdVFQapH1agZFcM+2AL9zIAEjJ1NvvOUEDMMtrgrZHvdCgAw4L7dAP5z0TvnnPMxb0gxphQW55xzS0gf7qM84pc6Ad6IV9wsY6om9mhjHsv+TM+2xDuZtvdwIQr/8L4eY3b/d6dBz/9bbX3X3DD6ra1tMtutGvwo/r6vn6qzheqTnQX1PFaDujdEmJY7IZnkoqLGy/UeaQZA1pY6g9fQqqCLc56zaFxX7hMQUf0totFaSwXH8yr6Rr9PmRT3YCXKKPMXptr8kOh04THpE80ea1tsQKzV9TuxGu96KKO9vY2dvy+wLne25+5448lxisUE91H+1kAGVGPhhO4hXADBvAKCeIVACWQCgAmiFcAMEG8QrAJggXgHABPEKACaIVwAwQ//ACUtli9xa9XEAAAAAElFTkSuQmCCAA==" alt="">

Answer: x=0, x=2

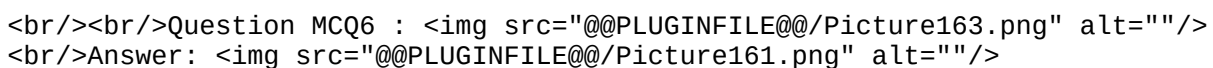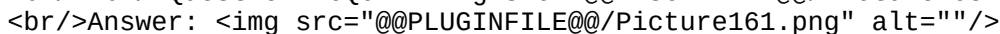

Question MCQ1 :

Answer:

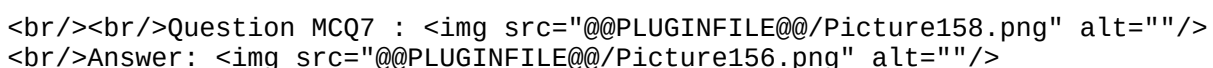

Question MCQ2 :

Answer:

Question MCQ3 :

Answer:

Question MCQ4 :

Answer: Converges absolutely for every x except x=0

Question MCQ5 :

Answer:

Question MCQ6 :

Answer:

Question MCQ7 :

Answer:

Question MCQ8 :

Answer: Is continuous at

Question MCQ9 :

Answer: 1

Question MCQ10 :

Answer:

Question MCQ11 :
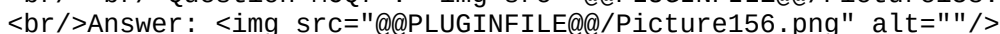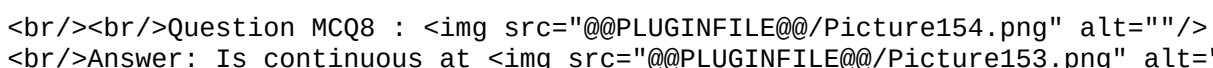
Answer:

Question MCQ12 :

Answer: <span style="position:relative"><span style="top:2pt">1

Question MCQ13 : <img
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Answer: <img src="@@PLUGINFILE@@/Picture137.png" alt="">

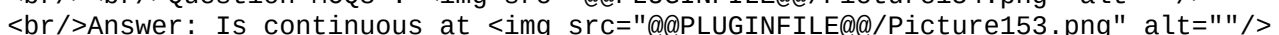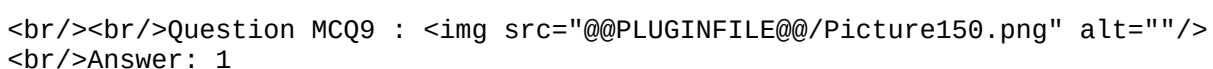

Question MCQ14 :

Answer: Log5

Question MCQ15 :

Answer:

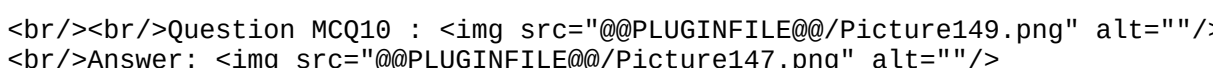

Question MCQ16 :

Answer:

Question MCQ17 :

Answer:

Question MCQ18 :
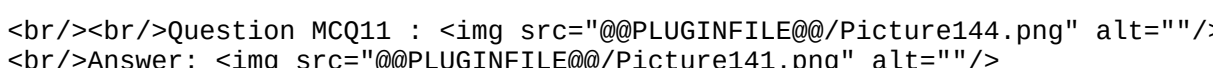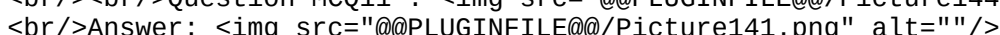
Answer:

Question MCQ19 :

Answer: 39

Question MCQ20 :

Answer:

Question MCQ21 :

Answer:

Question MCQ22 :

Answer: 0

Question MCQ23 :

Answer: Diverges

Question MCQ24 :

Answer: Converges to 1

Question MCQ25 :

Answer:

Question MCQ26 :

Answer: 0

Question MCQ27 :

Answer:

Question MCQ28 :

Answer: 3

Question MCQ29 : Evaluate

Answer:

Question MCQ30 :

Answer:

Question MCQ31 :

Answer:

Question MCQ32 :   If

Answer:

Question MCQ33 :

Answer:

Question MCQ34 :

Answer: 0

Question MCQ35 :

Answer:

Question MCQ36 :

Answer: 5

Question MCQ37 :

Answer:

Question MCQ38 :

Answer:

Question MCQ39 :

Answer:

Question MCQ40 :

Answer:

Question MCQ41 :

Answer:

Question MCQ42 :

Answer:

Question MCQ43 :

Answer:

Question MCQ44 :

Answer: 1

Question MCQ45 : A point where the graph of a function has a tangent line and where the concavity changes is called _____

Answer: A point of Inflection

Question MCQ46 :

Answer:

Question MCQ47 :

Answer:

Question MCQ48 :

Answer: 17

Question MCQ49 :

Answer: -3

Question MCQ50 :

Answer: