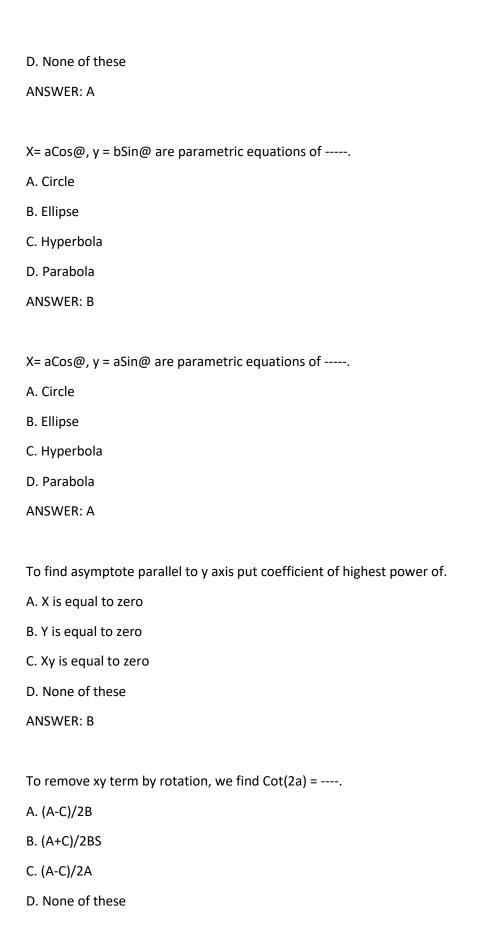
Every bounded sequence is convergent.
A. True
B. False
ANSWER: A
Every open interval is bounded.
A. True
B. False
ANSWER: A
Every closed interval is finite.
A. True
B. False
ANSWER: B
Square root of 8 is a rational number.
A. True
B. False
ANSWER: B
The set $S = \{x : x \text{ is a real number and } x < 5 \}.$
A. The set A is bounded above
B. The set A is bounded below
C. The set A is bounded
D. None of these
ANSWER: A
The sum of two irrational numbers is an irrational number.

A. True

B. False
ANSWER: A
If left hand limit and right hand limits of a functions are equaland finite at $x = a$, then
A. Function is bounded at x = a
B. Function is continuous at x = a
C. Limit of function exists at x = a
D. None of these
ANSWER: C
The constant function is always continuous.
A. True
B. False
ANSWER: A
The constant function is always bounded.
A. True
B. False
ANSWER: A
Every differeniable function is always continuous.
A. True
B. False
ANSWER: A
Every continuous function is always differentiable.
A. True
B. False
ANSWER: B

The absolute function is differentiable at $x = 0$.
A. True
B. False
ANSWER: B
The graph of a linear function is.
A. Straight line parallel to x axis
B. Straight line parallel to y axis
C. Straight line
D. None of these
ANSWER: C
The graph of absolute of x is.
A. V shaped
B. U shaped
C. Zigzag shaped
D. None of these
ANSWER: A
The Maclurine series is taken about.
A. X = - 1
B. X = 0
C. X =1
D. None of these
ANSWER: B
A constant of integration is involved in the definite integrals.
A. True

B. False
ANSWER: B
The Taylor series is derived from the Maclurine series.
A. True
B. False
ANSWER: B
Maclurine series is a special case of Taylor series.
A. True
B. False
ANSWER: A
The graph of Exp(x) is
A. Strictly increasing
B. Steadly increasing
C. Strictly decreasing
D. Steadly decreasing
ANSWER: A
The tangent and normal lines at a point are perpendicular to each other.
A. True
B. False
ANSWER: A
Using general notation the length of major axis of an ellipse is.
A. L = 2a
B. L= 3a
C. L = 4a



ANSWER: A

ANSWER: A

In translation of axex direction remains same while the origin is changed.
A. True
B. False
ANSWER: A
In rotation of axex, direction is changed while origin remains same.
A. True
B. False
ANSWER: A
The singular points have main types.
A. Two
B. Three
C. Four
D. Five
ANSWER: B
Every node is a cusp.
A. True
B. False
ANSWER: B
Every cusp is a singular point.
A. True
B. False