



Name

Roll No

1- ہر سوال کے سامنے چار دائرے دئے گئے ہیں، صحیح جواب والا دائرہ بھر دیں۔

2- دائروں کو شیڈ (بھرنے) کے لئے نیلے یا کالے رنگ کا پندر استعمال کریں۔

3- جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 20 Minutes

SECTION - A

Marks : 15

- 1 For $A = \begin{bmatrix} 5 & 6 \\ -4 & 1 \end{bmatrix}$, $|A| = \dots\dots$ 29 -29 -19 19
- 2 Subtracting $2 + 3i$ from $6 + 3i$ gives..... -4 $-4 - 6i$ 4 $4 + 6i$
- 3 $\sqrt{0} = \dots\dots$ 0 -1 1 Not defined
- 4 $4^{-3} = \dots\dots$ 64 -64 $\frac{1}{64}$ $-\frac{1}{64}$
- 5 Base of natural logarithm is..... 1 10 π e
- 6 $(a + b)(a^2 - ab + b^2) = \dots\dots$ $a^3 + b^3$ $a^3 - b^3$ $(a + b)^3$ $(a + b)(a^2 - b^2)$
- 7 $\ln \frac{7}{2}$, the remainder is..... 1 2 3 7
- 8 $x^2 - 5x + 6 = \dots\dots$ $(x - 2)(x + 3)$ $(x + 2)(x - 3)$ $(x - 2)(x - 3)$ $(x + 2)(x + 3)$
- 9 Which one is the solution of $|-x| = 0$? {1} {-1} {0} {}
- 10 The line $y = 5$ is parallel to..... x-axis y-axis Both A and B Neither A nor B
- 11 In ΔPQR , if $m \angle P = m \angle Q$, then it istriangle. Equilateral Scalene Isosceles Equiangular
- 12 Which of the given are Concurrent? Angle bisectors Medians Both A and B Neither A nor B
- 13 The sum of two sides of a triangle is always.....the length of the third side. Equal to Lesser than Greater than Congruent to
- 14 If perpendicular distance between the lines is same, then they are.... Perpendicular Parallel Congruent Intersecting
- 15 Area of a triangle with base 4 units and altitude 6 units, is... 6 square units 10 square units 12 square units 24 square units