## Mathematics 9th Class English Medium Online Test

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | The slope line x/3 + y/2 =1 is | A. 2/3<br>B. - 2/3<br>C. -3/2<br>D. 3/2 |
| 2 | $\log_3 20$ =.................. | A. $2\log_3$ , $2+\log_3 5$<br>B. $2\log_3$ , $2+\log_3 2$<br>C. $2\log_5$ , $2+\log_3 2$<br>D. $2\log_4$ , $2+\log_3 5$ |
| 3 | All points (x,y) with x<0,y<0 lie in quadrant | A. I<br>B. II<br>C. III<br>D. IV |
| 4 | The graph of inequality x > 0 is half palne | A. Upper<br>B. Left<br>C. right<br>D. lower |
| 5 | Question Image | A. -1<br>B. -1/2<br>C. 1/2<br>D. 1/7 |
| 6 | How many types of function ? | A. 2<br>B. 3<br>C. 4<br>D. 5 |
| 7 | The sexagesimal system is a number system with the base | A. 2<br>B. 10<br>C. 60<br>D. 16 |
| 8 | Circumcentre is the point of concurrency of three........of traingle. | A. Right bisectors<br>B. Angle bisectors<br>C. Altitudes<br>D. Medians |
| 9 | The formula for the Fibonacci sequence is | |
| 10 | Distance between two point P (1.2) AND (4,6) is | A. 5<br>B. 6<br>C. 3<br>D. 4 |
| 11 | The graphs of which equation pass through the origin. | A. y = 4 x + 2<br>B. $y = x^2$ + 1<br>C. $y = 3 x^3$<br>D. xy = 8 |
| 12 | Question Image | A. 23<br>B. 15<br>C. 9<br>D. 40 |
| 13 | Venn diagramis useful only in case of. | A. Univesal set<br>B. Subsets<br>C. Abstract sets<br>D. Concrete sets |
| 14 | What numeral system did the Romans use? | A. Decimal system<br>B. Sexagesimal system<br>C. Roman numeral system<br>D. Indo -Arabic numeral system |
| | | A. $a^3 b^3$ |

| 15 | The HCF of $a^3 b^3$ and $ab^2$ is | B. $ab^2$ |
| | | C. $a^2b^2$ |
| | | D. $a^2b$ |

| 16 | The complement of $\Phi$ is | A. U |
| | | B. Impossible |
| | | C. Union |
| | | D. `<span style="font-size:14.0pt;mso-bidi-font-size:11.0pt; line-height:107%;font-family:&quot;Calibri&quot;,sans-serif;mso-ascii-theme-font:minor-latin; mso-fareast-font-family:&quot;Times New Roman&quot;;mso-fareast-theme-font:minor-fareast; mso-hansi-theme-font:minor-latin;mso-bidi-theme-font:minor-latin;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">`Φ`</span>` |

| 17 | For common logarithm the base is | A. 1 |
| | | B. 10 |
| | | C. 5 |
| | | D. e |

| 18 | Log x will be equal to. | A. `<br>` |
| | | B. `<br>` |
| | | C. `<br>` |
| | | D. `<br>` |

| 19 | The statemetn "The sum of the interor angle of a triangle is 180 $^o$ is | A. Converse |
| | | B. Theorem |
| | | C. Axiom |
| | | D. Conditional |

| 20 | Question Image | A. 2 |
| | | B. 1 |
| | | C. 4 |
| | | D. 8 |