## NAT I General Science Quantitative

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | If x% of 60 =48, then x=? | A. 80 <br> B. 60 <br> C. 90 <br> D. 40 |
| 2 | 1.02 - 0.02 + ? = 1.842 | A. 0.222 <br> B. 0.842 <br> C. 2 <br> D. None |
| 3 | Question Image | A. 40 <br> B. 50 <br> C. 120 <br> D. 130 |
| 4 | $x^2 = 1681$, x=? | A. 31 <br> B. 41 <br> C. 51 <br> D. 61 |
| 5 | If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. how much time in minutes is needed to fill the tank if both the pipes are working together? | A. 90 <br> B. 50 <br> C. 60 <br> D. 30 |
| 6 | The average of x,y,z and 40 is 10. What is the average of x,y, adn z. | A. 10 <br> B. 0 <br> C. 2 <br> D. 15 |
| 7 | If x=7y+3 and $z=49y^2$ then what is 'z' in terms of x? | A. X2 <br> B. $x^2$-3 <br> C. $(x-3)^2/7$ <br> D. None |
| 8 | The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time. | A. 10% <br> B. 20% <br> C. 40% <br> D. 5% |
| 9 | How many integers between 28 and 98 are exactly divisible by 7 ? | A. 9 <br> B. 11 <br> C. 12 <br> D. 8 |
| 10 | $\sqrt{256} \div \sqrt{64}$=? | A. 1/4 <br> B. 26/8 <br> C. 16 <br> D. 4 |
| 11 | The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of height now becomes 5.25. What is the height of the new boy ? | A. 4.55 <br> B. 5.0 <br> C. 6.0 <br> D. 3.5 |
| 12 | Find the sum of money,11% of which is Rs.1650. | A. 150 <br> B. 3300 <br> C. 25000 <br> D. 15000 |
| 13 | The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence? | A. 20 <br> B. 400 <br> C. 2000 <br> D. 1000 |
| 14 | If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ? | A. 10 sides <br> B. 8 sides <br> C. 12 sides <br> D. 9 sides |
| 15 | Which of the following is the sum of two consective prime numbers? | A. 66 <br> B. 52 <br> C. 41 <br> D. 29 |

| # | Question | Options |
|---|---|---|
| 16 | If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ? | A. 8000<br>B. 9000<br>C. 300<br>D. 900 |
| 17 | How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles ? | A. 19.2<br>B. 12.8<br>C. 8.5<br>D. 38 |
| 18 | What is the number , 5% of which is 10? | A. 200<br>B. 100<br>C. 50<br>D. 10 |
| 19 | Question Image | A. b-180<br>B. b-90<br>C. 180-a/2<br>D. 180-a |
| 20 | If the ratio of x : y is 9 : 7, then x+y is | A. 16<br>B. 2<br>C. 1<br>D. None |