## NAT II Biological Science Quantitative

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | David recieves his allowance in Sunday. He spends 1/4 of his allowance on Monday and 2.3 of the reminder on Tuesday. What part of his allowance is left for the rest week? | A. 2/3<br>B. 4/5<br>C. 6/7<br>D. 1/4 |
| 2 | If Adil can finish a job in 5 hours and Moeed can finish the same job in 10 hours, how many minutes will it take both of them together to finish the job? | A. 210<br>B. 220<br>C. 200<br>D. 160<br>E. 180 |
| 3 | $1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by? | A. $(y + z) / (y-z)$<br>B. $yz/(y + z)$<br>C. $(y + z)/yz$<br>D. $1/z - 1/y$ |
| 4 | Mr. Kashif got an average of 50 in 6 tests. What should he get in the next to attain the average of 60? | A. 120<br>B. 60<br>C. 100<br>D. 70 |
| 5 | A team played 30 games of which it won. What part of the games played did it loss? | A. 1/5<br>B. 5/6<br>C. 6/5<br>D. 5 |
| 6 | If the radius of the circle is halfed, then its area | A. Remains same<br>B. Become half<br>C. Become quarter<br>D. Become double<br>E. Not changed |
| 7 | 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 |
| 8 | If $3a - 5 = 3 + 2a$, then $a =$ | A. 8<br>B. 9<br>C. 10<br>D. 12<br>E. 6 |
| 9 | The average of x, y , z and 40 is 10. What is the average of x, y and z. | A. 10<br>B. 0<br>C. 2<br>D. 15 |
| 10 | The average (arithmetic mean) of $8a + 5$, $-3a$, $9$, $0$ and $7a - 2$? | A. $3a + 1$<br>B. $3a + 3$<br>C. $4a + 1$<br>D. $4a + 4$<br>E. $12a + 12$ |
| 11 | What part of an hour clapes between 10:45 a.m. and 11:09 a.m.? | A. 2/5<br>B. 3/5<br>C. 11/12<br>D. 2 |
| 12 | Find the sum of money, 11% of which is Rs. 1650. | A. 150<br>B. 3300<br>C. 25000<br>D. 15000 |
| 13 | 12 is 3/4 of what number? | A. 20<br>B. 24<br>C. 16<br>D. 8 |
| 14 | Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8 | A. 13<br>B. 23<br>C. 27<br>D. 5 |

| 15 | The value of $(x + y)^2 + (x - y)^2$ is? | A. 4<br>B. $2(x^2 + y^2)$<br>C. 4xy<br>D. -4xy |
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| 16 | $x^2 = 1681$, x = ? | A. 31<br>B. 41<br>C. 51<br>D. 61 |
| 17 | A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase? | A. 25%<br>B. 50%<br>C. 15%<br>D. 20% |
| 18 | $816 - 288 \div = 24$ ? | A. 22<br>B. 828<br>C. 528<br>D. 804 |
| 19 | The population of 8 villages is 900, 750, 1100, 1050, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900. | A. 1200<br>B. 1050<br>C. 1030<br>D. 7070 |
| 20 | 3/4 of 432 = ? | A. 340<br>B. 232<br>C. 324<br>D. 316 |