

NAT II Biological Science Quantitative

| Sr | Questions | Answers Choice |
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| 1 | $2244 \div 0.88 = ? \times 1122$ | A. 20.02 B. 20.2 C. 19.3 D. 2.27 |
| 2 | $9218 - 3546 + 2354 = ?$ | A. 8026 B. 8116 C. 10410 D. 23174 |
| 3 | When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is? | A. $5x^2 - 3x + 4$ B. $3x - 2x^2 - 4$ C. $x^2 + 8x + 10$ D. $11x^2 - 3x + 10$ |
| 4 | A factory employs M men and W women. What part of its employees are women? | A. $W/(W + M)$ B. W/M C. $(W + M)/M$ D. M/W |
| 5 | 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% B. 50% C. 15% D. 20% |
| 6 | 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 B. 60 C. 100 D. 70 |
| 7 | The average height of a class of 14 boys is 5.3 feet. After new boy is admitted to the class, the new average height now becomes 5.25. What is the height of the new boy? | A. 4.55 B. 5.0 C. 6.0 D. 3.5 |
| 8 | $(x + y)^2 = 25$ and $x^2 + y^2 = 13$ then xy is equal to? | A. 16 B. 20 C. 18 D. 6 |
| 9 | What is the number, 5% of which is 10? | A. 200 B. 100 C. 50 D. 10 |
| 10 | The value of $(x + y)^2 + (x - y)^2$ is? | A. 4 B. $2(x^2 + y^2)$ C. $4xy$ D. $-4xy$ |
| 11 | $1250 \div 25 \times 0.5 = ?$ | A. 25 B. 50 C. 2.5 D. 100 |
| 12 | 15% of 32 equal | A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5 |
| 13 | $(60)^2 = ? \times 72$ | A. 36 B. 3600 C. 40 D. 50 |
| 14 | The ratio from 5 feet to 3 inches is | A. $3/5$ B. $5/3$ C. $3/60$ D. $1/20$ E. 20 |
| 15 | If 'x' and 'v' are positive and $1/x = 3 + 1/v$ is 'x' greater than 'v'? | A. Yes B. No C. " |

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| | | C. It cannot be determined D. They are equal |
| 16 | $x^2 = 1681$, $x = ?$ | A. 31 B. 41 C. 51 D. 61 |
| 17 | If $3a - 5 = 3 + 2a$, then $a =$ | A. 8 B. 9 C. 10 D. 12 E. 6 |
| 18 | $350 - 96 \div 18 = ?$ | A. 318 B. -132 C. 328 D. 232 |
| 19 | Which of the following is closest to the square root of $1/2$? | A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5 |
| 20 | A man opens a bookstall with a capital of Rs. 25000. In three months his capital amounts to rupees 27500. What is the increase percent? | A. 1% B. 10% C. 20% D. 7% |