# NAT I General Science Quantitative

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | Question Image | A. a<br>B. 90-a<br>C. 180-a/2<br>D. 180-a |
| 2 | Question Image | A. b-180<br>B. b-90<br>C. 180-a/2<br>D. 180-a |
| 3 | Question Image | A. a-180<br>B. 2a-180<br>C. 180-2a<br>D. 180-b |
| 4 | Question Image | A. 40<br>B. 50<br>C. 120<br>D. 130 |
| 5 | Question Image | A. 20<br>B. 25<br>C. 40<br>D. 50 |
| 6 | A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk. | A. 1600<br>B. 5250<br>C. 5500<br>D. 6100 |
| 7 | Question Image | A. 780<br>B. 585<br>C. 1170<br>D. 540 |
| 8 | An angle is $30^o$ more than one-half its complement. Find the angle. | A. $20^o$<br>B. $30^o$<br>C. $50^o$<br>D. $60^o$ |
| 9 | Question Image | A. $4\pi$<br>B. $18\pi$<br>C. $28\pi$<br>D. $32\pi$ |
| 10 | Question Image | A. b<br>B. b-180<br>C. 90-b<br>D. 180-b |
| 11 | Question Image | A. $41^O$<br>B. $65^O$<br>C. $115^O$<br>D. $106^O$ |
| 12 | Question Image | A. 15<br>B. 30<br>C. 45<br>D. 72 |
| 13 | If the redius of a circle is increased by 20% then the area is increased by | A. 44%<br>B. 120%<br>C. 144%<br>D. 40% |
| 14 | A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by | A. 169<br>B. 256<br>C. 100<br>D. 9<br>E. None of the above |
| 15 | If p is a negative integer and $P^2 + 11p = t$, a value of t could be | A. 12<br>B. 18<br>C. -18<br>D. 11 |

| 16 | The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is | A. 68<br>B. 69<br>C. 70<br>D. 71 |
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| 17 | Question Image | A. 25/32<br>B. 7/8<br>C. 32/25<br>D. 11/10 |
| 18 | Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is | A. 8a<br>B. 22a<br>C. 14a<br>D. 8a + 6 |
| 19 | If 7 apples cost y cents, how many apples will x dollars buy ? | A. x / 7y<br>B. 7x / y<br>C. 7x / 100y<br>D. 700x / y |
| 20 | 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 |