



**ASSOCIATION OF CHEMISTRY TEACHERS**  
**NATIONAL STANDARD EXAMINATION IN CHEMISTRY**  
**FINAL ANSWER KEY NSEC - 2024**

| QUESTION | PAPER CODE 31 | PAPER CODE 32 | PAPER CODE 33 | PAPER CODE 34 |
|----------|---------------|---------------|---------------|---------------|
| 1        | c             | a             | c             | b             |
| 2        | b             | c             | a             | a             |
| 3        | c             | c             | c             | a             |
| 4        | c             | d             | c             | c             |
| 5        | a or b        | a             | b             | c             |
| 6        | d             | b or d        | a             | c             |
| 7        | d             | a             | b             | d             |
| 8        | c             | a             | a             | a             |
| 9        | c             | d             | c             | d             |
| 10       | b             | a             | a             | c             |
| 11       | d             | a             | c             | d             |
| 12       | a             | c             | c             | b             |
| 13       | b             | b             | d             | c             |
| 14       | b             | c             | a             | b             |
| 15       | b             | a             | d             | c             |
| 16       | b             | c             | c             | c             |
| 17       | c             | c             | d             | a or b        |
| 18       | a             | b             | b             | d             |
| 19       | c             | a             | c             | d             |
| 20       | c             | c             | b             | c             |
| 21       | d             | b             | c             | c             |
| 22       | a             | c             | c             | b             |
| 23       | a             | c             | a or b        | d             |
| 24       | b or d        | a or b        | d             | a             |
| 25       | a             | d             | d             | b             |
| 26       | d             | d             | c             | b             |
| 27       | a             | c             | c             | b             |
| 28       | a             | c             | b             | b             |
| 29       | c             | b             | d             | c             |
| 30       | b             | d             | a             | a             |

| QUESTION | PAPER CODE 31 | PAPER CODE 32 | PAPER CODE 33 | PAPER CODE 34 |
|----------|---------------|---------------|---------------|---------------|
| 31       | c             | a             | b             | c             |
| 32       | a             | b             | b             | c             |
| 33       | c             | b             | b             | d             |
| 34       | c             | b             | b             | a             |
| 35       | b             | b             | c             | a             |
| 36       | a             | c             | a             | b or d        |
| 37       | b             | b             | c             | a             |
| 38       | a             | a             | c             | d             |
| 39       | a             | a             | d             | a             |
| 40       | c             | c             | a             | a             |
| 41       | c             | c             | a             | c             |
| 42       | c             | c             | b or d        | b             |
| 43       | d             | d             | a             | c             |
| 44       | a             | a             | d             | a             |
| 45       | d             | d             | a             | c             |
| 46       | c             | c             | a             | c             |
| 47       | d             | b             | c             | b             |
| 48       | b             | d             | b             | a             |
| 49       | b, c          | a, b, c       | b, c          | a, b, c       |
| 50       | a, b, d       | c             | a, b, d       | c             |
| 51       | b, d          | a, c, d       | b, d          | a, c, d       |
| 52       | b, c, d       | a, c          | b, c, d       | a, c          |
| 53       | a, b, c, d    | a, d          | a, b, c, d    | a, d          |
| 54       | a, b, c       | b, c          | a, b, c       | b, c          |
| 55       | c             | a, b, d       | c             | a, b, d       |
| 56       | a, c, d       | b, d          | a, c, d       | b, d          |
| 57       | a, c          | b, c, d       | a, c          | b, c, d       |
| 58       | a, d          | a, b, c, d    | a, d          | a, b, c, d    |
| 59       | b, d          | b, d          | b, d          | b, d          |
| 60       | b, d          | b, d          | b, d          | b, d          |