2024 Academic Challenge State Chemistry Answer Key

|  |  |  |  |
| --- | --- | --- | --- |
| Question # | Answer | Question # | Answer |
| 1 | C | 21 | B |
| 2 | D | 22 | D |
| 3 | C | 23 | D |
| 4 | B | 24 | E |
| 5 | B | 25 | B |
| 6 | A | 26 | E |
| 7 | B | 27 | B |
| 8 | C | 28 | C |
| 9 | A | 29 | A |
| 10 | B | 30 | E |
| 11 | D | 31 | D |
| 12 | C | 32 | D |
| 13 | A | 33 | A |
| 14 | C | 34 | E |
| 15 | A | 35 | E |
| 16 | E | 36 | D |
| 17 | E | 37 | A |
| 18 | C | 38 | A |
| 19 | C | 39 | D |
| 20 | B | 40 | E |

References:

1. Chemistry, 2nd edition, Nivaldo Tro, Pearson, 2018. ISBN: 9780134293936.
2. Chemistry, *The Central Science,* Brown, LeMay, Bursten, Murphy, and Woodward; 13th Edition, Pearson, 2014. ISBN: 978-0321910417
3. Chemistry, Raymond Chang and Kenneth A.Goldsby; 13th Edition, Published by McGraw-Hill Education, 2018. ISBN: 9781260161854
4. Chemistry, The Molecular Nature of Matter and Change, 10th edition, Martin Silberberg and Patricia Amateis, Mc Graw Hill, 2024, ISBN: 978126618994-4