

**CENTER OF MASS & COLLISION NBPJC-1**

- |   |  |          |         |           |         |
|---|--|----------|---------|-----------|---------|
| 1) D  | 2) A   | 3) C     | 4) C    | 5) C      | 6) D    |
| 7) D  | 8) D   | 9) A,B,C | 10) B,D | 11) A,C,D | 12) B,C |
| 13) C   | 14) A  | 15) B    | 16) D   | 17) A     | 18) A   |
| 19) (A) r, s<br>(B) r<br>(C) p<br>(D) p,q,r,s | 20) (A) $\rightarrow$ q<br>(B) $\rightarrow$ p<br>(C) $\rightarrow$ s<br>(D) $\rightarrow$ r |          |         |           |         |

**TOPICS: CHEMICAL BONDING (ANSWER KEY)**

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|------------|-----------|------------|------------|------------|---------------|
| 1. (c)     | 2. (c)    | 3. (a)     | 4. (b)     | 5. (a)     | 6.(b)         |
| 7. (d)     | 8.(d)     | 9.(c)      | 10. (b)    | 11. (a)    | 12. (a, b, d) |
| 13. (b, c) | 14.(a, c) | 15. (a, b) | 16. (b, d) | 17. (b. d) |               |
| 18. (b)    | 19. (a)   | 20. (c)    | 21. (b)    |            |               |

**MATHS-SNS**

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|---------|---------|--------|--------|----------|---------|
| 1) D    | 2) D    | 3) C   | 4) B   | 5) A     | 6) B    |
| 7) B    | 8) B    | 9) A   | 10) B  | 11) BD   | 12) ABC |
| 13) ACD | 14) ABD | 15) AC | 16) BC | 17) ABCD | 18) AB  |