

ANSWER KEY PART-1 (Centre of Mass & Linear Momentum)

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

ANSWERS KEY PART-2 (Centre of Mass & Linear Momentum)

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|-------|-------|-------|-------|-------|-------|
| 1. C | 2. D | 3. C | 4. B | 5. A | 6. B |
| 7. C | 8. A | 9. B | 10. D | 11. A | 12. A |
| 13. D | 14. D | 15. B | | | |