

ANSWER KEY

PHYSICS : CENTRE OF MASS

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|---------|---------|---------|---------|---------|
| 1. (A) | 2. (C) | 3. (B) | 4. (B) | 5. (C) |
| 6. (B) | 7. (C) | 8. (B) | 9. (A) | 10. (A) |
| 11. (C) | 12. (A) | 13. (B) | 14. (B) | 15. (D) |
| 16. (C) | 17. (C) | 18. (B) | 19. (C) | 20. (C) |
| 21. (D) | 22. (D) | 23. (C) | 24. (C) | 25. (C) |
| 26. (A) | 27. (B) | 28. (C) | 29. (D) | 30. (C) |

CHEMISTRY : CHEMICAL EQUILIBRIUM

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|---------|---------|---------|---------|---------|
| 1. (C) | 2. (B) | 3. (D) | 4. (B) | 5. (B) |
| 6. (A) | 7. (A) | 8. (C) | 9. (C) | 10. (A) |
| 11. (A) | 12. (C) | 13. (A) | 14. (C) | 15. (A) |
| 16. (C) | 17. (C) | 18. (B) | 19. (B) | 20. (B) |
| 21. (B) | 22. (C) | 23. (C) | 24. (B) | 25. (C) |
| 26. (A) | 27. (B) | 28. (A) | 29. (C) | 30. (C) |

MATHEMATICS : BINOMIAL THEOREM

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|---------|---------|---------|---------|---------|
| 1. (B) | 2. (B) | 3. (B) | 4. (A) | 5. (B) |
| 6. (C) | 7. (A) | 8. (B) | 9. (B) | 10. (C) |
| 11. (B) | 12. (A) | 13. (C) | 14. (A) | 15. (A) |
| 16. (C) | 17. (A) | 18. (B) | 19. (B) | 20. (A) |
| 21. (B) | 22. (C) | 23. (A) | 24. (A) | 25. (C) |
| 26. (C) | 27. (B) | 28. (C) | 29. (A) | 30. (A) |