

ANSWER KEY

**PAPER CODE: 22**

**PHYSICS : SIMPLE HARMONIC MOTION**

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|----------|----------|----------|-----------|----------|
| 1. (B)   | 2. (B)   | 3. (A)   | 4. (B)    | 5. (C)   |
| 6. (BC)  | 7. (AC)  | 8. (A)   | 9. (AD)   | 10. (BC) |
| 11. (BC) | 12. (AC) | 13. (CD) | 14. (BCD) | 15. (BC) |
| 16. (3)  | 17. (3)  | 18. (4)  | 19. (7)   | 20. (1)  |

**CHEMISTRY : REACTION MECHANISM & ISOMERISM**

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|----------|-----------|-----------|-----------|------------|
| 21. (C)  | 22. (A)   | 23. (C)   | 24. (B)   | 25. (C)    |
| 26. (AC) | 27. (ABD) | 28. (AC)  | 29. (ABD) | 30. (ABCD) |
| 31. (BD) | 32. (ABC) | 33. (ABC) | 34. (AB)  | 35. (BD)   |
| 36. (3)  | 37. (2)   | 38. (2)   | 39. (0)   | 40. (4)    |

**MATHEMATICS : COMPLEX NUMBER**

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|----------|------------|----------|-----------|------------|
| 41. (B)  | 42. (A)    | 43. (D)  | 44. (A)   | 45. (B)    |
| 46. (AB) | 47. (ABCD) | 48. (AD) | 49. (ABC) | 50. (ABCD) |
| 51. (AC) | 52. (ABCD) | 53. (AC) | 54. (D)   | 55. (ABC)  |
| 56. (4)  | 57. (3)    | 58. (5)  | 59. (4)   | 60. (4)    |