

# PACE-IIT & MEDICAL

MUMBAI / DELHI-NCR / PUNE / NASHIK / AKOLA / GOA / JALGOAN / BOKARO / AMRAVATI / DUBAI / DHULE

IIT – JEE: 2024

MAJOR TEST - 3

DATE: 26/03/23

ANSWER KEY

## PAPER – 2 (Code – 21)

### PART (A) : PHYSICS

- |     |           |     |           |     |         |     |        |     |           |
|-----|-----------|-----|-----------|-----|---------|-----|--------|-----|-----------|
| 1.  | (2)       | 2.  | (4)       | 3.  | (3)     | 4.  | (4)    | 5.  | (1)       |
| 6.  | (1)       | 7.  | (A, C)    | 8.  | (B, D)  | 9.  | (A, B) | 10. | (A, B, D) |
| 11. | (A, B, C) | 12. | (A, C, D) | 13. | (8.00)  | 14. | (4.00) | 15. | (3.00)    |
| 16. | (60.00)   | 17. | (10.00)   | 18. | (21.00) |     |        |     |           |

### PART (B) : CHEMISTRY

- |     |         |     |           |     |        |     |           |     |         |
|-----|---------|-----|-----------|-----|--------|-----|-----------|-----|---------|
| 19. | (3)     | 20. | (4)       | 21. | (3)    | 22. | (4)       | 23. | (5)     |
| 24. | (9)     | 25. | (A,B,C,D) | 26. | (AB)   | 27. | (A,B,C,D) | 28. | (A,B,D) |
| 29. | (A,B)   | 30. | (ABC)     | 31. | (6.00) | 32. | (60.00)   | 33. | (5.00)  |
| 34. | (90.00) | 35. | (6.00)    | 36. | (4.00) |     |           |     |         |

### PART (C) : MATHEMATICS

- |     |       |     |                |     |           |     |         |     |           |
|-----|-------|-----|----------------|-----|-----------|-----|---------|-----|-----------|
| 37. | (6)   | 38. | (3)            | 39. | (2)       | 40. | (7)     | 41. | (5)       |
| 42. | (6)   | 43. | (A,B)          | 44. | (A,B,C,D) | 45. | (A,B,D) | 46. | (A,B,C,D) |
| 47. | (B,D) | 48. | (B,C,D)        | 49. | (6.4)     | 50. | (3.14)  | 51. | (10.56)   |
| 52. | (16)  | 53. | (1.25 or 1.26) | 54. | (4.00)    |     |         |     |           |

**Note:** Detail solutions of Major Test – 3 (Main & Advanced) will be available on our website ([www.iitianspace.com](http://www.iitianspace.com)) from 05.00 pm today (26-03-2023).