

# 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 – 22)

### PART (A) : PHYSICS

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

### PART (B) : CHEMISTRY

- |     |        |     |           |     |               |     |        |     |           |
|-----|--------|-----|-----------|-----|---------------|-----|--------|-----|-----------|
| 19. | (4)    | 20. | (5)       | 21. | (9)           | 22. | (3)    | 23. | (4)       |
| 24. | (3)    | 25. | (A,B,D)   | 26. | (A,B)         | 27. | (ABC)  | 28. | (A,B,C,D) |
| 29. | (AB)   | 30. | (A,B,C,D) | 31. | (66 to 67.20) | 32. | (6.00) | 33. | (4.00)    |
| 34. | (6.00) | 35. | (60.00)   | 36. | (5.00)        |     |        |     |           |

### PART (C) : MATHEMATICS

- |     |              |     |              |     |                  |     |                |     |        |
|-----|--------------|-----|--------------|-----|------------------|-----|----------------|-----|--------|
| 37. | (7)          | 38. | (5)          | 39. | (6)              | 40. | (6)            | 41. | (3)    |
| 42. | (2)          | 43. | (A, B, C, D) | 44. | (B, D)           | 45. | (B, C, D)      | 46. | (A, B) |
| 47. | (A, B, C, D) | 48. | (A, B, D)    | 49. | (16)             | 50. | (1.25 or 1.26) | 51. | (4.00) |
| 52. | (6.4)        | 53. | (3.14)       | 54. | (10.56 or 10.57) |     |                |     |        |

**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).