

# 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 – 1 (Code – 12)

### PART (A) : PHYSICS

- |                    |                 |              |             |           |
|--------------------|-----------------|--------------|-------------|-----------|
| 1. (A)             | 2. (A)          | 3. (C)       | 4. (B)      | 5. (A)    |
| 6. (A)             | 7. (A, B, C, D) | 8. (A, B, C) | 9. (A, B)   | 10. (B,C) |
| 11. (A, D)         | 12. (A, D)      | 13. (4.00)   | 14. (34.00) |           |
| 15. (20.00 or 293) | 16. (7.00)      | 17. (15.00)  | 18. (40.00) |           |

### PART (B) : CHEMISTRY

- |               |             |             |             |             |
|---------------|-------------|-------------|-------------|-------------|
| 19. (A)       | 20. (B)     | 21. (D)     | 22. (D)     | 23. (C)     |
| 24. (C)       | 25. (A,B,D) | 26. (A,B)   | 27. (A,C,D) | 28. (A,B,C) |
| 29. (A,B,C,D) | 30. (B,C)   | 31. (85.10) | 32. (5.00)  | 33. (5.00)  |
| 34. (75.00)   | 35. (5.00)  | 36. (50.00) |             |             |

### PART (C) : MATHEMATICS

- |             |                    |             |             |               |
|-------------|--------------------|-------------|-------------|---------------|
| 37. (C)     | 38. (A)            | 39. (B)     | 40. (C)     | 41. (D)       |
| 42. (A)     | 43. (A, B)         | 44. (B, C)  | 45. (A, C)  | 46. (A, B, C) |
| 47. (A, C)  | 47. (B, C)         | 49. (20.00) | 50. (81.00) | 51. (16.00)   |
| 52. (12.50) | 53. (0.66 or 0.67) | 54. (46.00) |             |               |

**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).