

| GUJARAT TECHNOLOGICAL UNIVERSITY       |      |    |       |      |   |       |      |  |       |      |
|----------------------------------------|------|----|-------|------|---|-------|------|--|-------|------|
| PHD Entrance Examination - 2026        |      |    |       |      |   |       |      |  |       |      |
| DESCIPLINE : SCIENCE-PHYSICS (5-SCIPH) |      |    |       |      |   |       |      |  |       |      |
| Exam Date : 04/10/2026                 |      |    |       |      |   |       |      |  |       |      |
| PROVISIONAL ANSWER KEY                 |      |    |       |      |   |       |      |  |       |      |
| SET-A                                  | ANS. |    | SET-B | ANS. |   | SET-C | ANS. |  | SET-D | ANS. |
| 1                                      | C    |    | 1     | B    |   | 1     | B    |  | 1     | B    |
| 2                                      | D    |    | 2     | C    |   | 2     | B    |  | 2     | D    |
| 3                                      | A    |    | 3     | C    |   | 3     | A    |  | 3     | B    |
| 4                                      | A    |    | 4     | B    |   | 4     | C    |  | 4     | C    |
| 5                                      | C    |    | 5     | D    |   | 5     | A    |  | 5     | A    |
| 6                                      | D    |    | 6     | C    |   | 6     | B    |  | 6     | B    |
| 7                                      | B    |    | 7     | C    |   | 7     | B    |  | 7     | A    |
| 8                                      | D    |    | 8     | D    |   | 8     | A    |  | 8     | D    |
| 9                                      | C    |    | 9     | B    |   | 9     | B    |  | 9     | D    |
| 10                                     | B    |    | 10    | D    |   | 10    | C    |  | 10    | D    |
| 11                                     | B    |    | 11    | B    |   | 11    | C    |  | 11    | C    |
| 12                                     | A    |    | 12    | C    |   | 12    | B    |  | 12    | D    |
| 13                                     | C    |    | 13    | A    |   | 13    | D    |  | 13    | A    |
| 14                                     | A    |    | 14    | B    |   | 14    | C    |  | 14    | A    |
| 15                                     | B    |    | 15    | A    |   | 15    | C    |  | 15    | C    |
| 16                                     | B    |    | 16    | D    |   | 16    | D    |  | 16    | D    |
| 17                                     | A    |    | 17    | D    |   | 17    | C    |  | 17    | B    |
| 18                                     | B    |    | 18    | D    |   | 18    | D    |  | 18    | D    |
| 19                                     | D    |    | 19    | B    |   | 19    | A    |  | 19    | C    |
| 20                                     | B    |    | 20    | B    |   | 20    | A    |  | 20    | B    |
| 21                                     | C    |    | 21    | A    |   | 21    | C    |  | 21    | C    |
| 22                                     | A    |    | 22    | C    |   | 22    | D    |  | 22    | C    |
| 23                                     | B    |    | 23    | A    |   | 23    | B    |  | 23    | B    |
| 24                                     | A    |    | 24    | B    |   | 24    | D    |  | 24    | D    |
| 25                                     | D    |    | 25    | B    |   | 25    | C    |  | 25    | C    |
| 26                                     | D    |    | 26    | A    |   | 26    | B    |  | 26    | C    |
| 27                                     | D    |    | 27    | C    |   | 27    | D    |  | 27    | D    |
| 28                                     | B    |    | 28    | D    |   | 28    | B    |  | 28    | B    |
| 29                                     | C    |    | 29    | A    |   | 29    | C    |  | 29    | B    |
| 30                                     | C    |    | 30    | A    |   | 30    | A    |  | 30    | A    |
| 31                                     | B    |    | 31    | C    |   | 31    | B    |  | 31    | C    |
| 32                                     | D    |    | 32    | D    |   | 32    | A    |  | 32    | A    |
| 33                                     | C    |    | 33    | B    |   | 33    | D    |  | 33    | B    |
| 34                                     | C    |    | 34    | D    |   | 34    | D    |  | 34    | B    |
| 35                                     | D    | 35 | C     | 35   | D | 35    | A    |  |       |      |

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| SET-A                                  | ANS. |    | SET-B | ANS. |   | SET-C | ANS. |  | SET-D | ANS. |
| 36                                     | D    |    | 36    | B    |   | 36    | B    |  | 36    | C    |
| 37                                     | B    |    | 37    | A    |   | 37    | C    |  | 37    | B    |
| 38                                     | B    |    | 38    | B    |   | 38    | C    |  | 38    | B    |
| 39                                     | C    |    | 39    | B    |   | 39    | B    |  | 39    | D    |
| 40                                     | D    |    | 40    | C    |   | 40    | A    |  | 40    | C    |
| 41                                     | A    |    | 41    | A    |   | 41    | D    |  | 41    | A    |
| 42                                     | C    |    | 42    | B    |   | 42    | A    |  | 42    | D    |
| 43                                     | D    |    | 43    | B    |   | 43    | B    |  | 43    | D    |
| 44                                     | C    |    | 44    | C    |   | 44    | A    |  | 44    | B    |
| 45                                     | C    |    | 45    | B    |   | 45    | B    |  | 45    | B    |
| 46                                     | B    |    | 46    | B    |   | 46    | B    |  | 46    | D    |
| 47                                     | C    |    | 47    | D    |   | 47    | C    |  | 47    | B    |
| 48                                     | C    |    | 48    | C    |   | 48    | A    |  | 48    | B    |
| 49                                     | B    |    | 49    | A    |   | 49    | B    |  | 49    | C    |
| 50                                     | A    |    | 50    | D    |   | 50    | B    |  | 50    | D    |
| 51                                     | D    |    | 51    | D    |   | 51    | D    |  | 51    | A    |
| 52                                     | A    |    | 52    | B    |   | 52    | B    |  | 52    | C    |
| 53                                     | C    |    | 53    | B    |   | 53    | B    |  | 53    | D    |
| 54                                     | B    |    | 54    | B    |   | 54    | C    |  | 54    | C    |
| 55                                     | B    |    | 55    | C    |   | 55    | D    |  | 55    | C    |
| 56                                     | D    | 56 | C     | 56   | A | 56    | B    |  |       |      |
| 57                                     | C    | 57 | B     | 57   | C | 57    | A    |  |       |      |
| 58                                     | A    | 58 | A     | 58   | D | 58    | B    |  |       |      |
| 59                                     | D    | 59 | D     | 59   | C | 59    | B    |  |       |      |
| 60                                     | D    | 60 | A     | 60   | C | 60    | C    |  |       |      |
| 61                                     | B    | 61 | D     | 61   | C | 61    | A    |  |       |      |
| 62                                     | B    | 62 | B     | 62   | B | 62    | B    |  |       |      |
| 63                                     | B    | 63 | B     | 63   | B | 63    | B    |  |       |      |
| 64                                     | A    | 64 | C     | 64   | D | 64    | B    |  |       |      |
| 65                                     | B    | 65 | D     | 65   | C | 65    | C    |  |       |      |
| 66                                     | B    | 66 | A     | 66   | A | 66    | C    |  |       |      |
| 67                                     | C    | 67 | C     | 67   | D | 67    | B    |  |       |      |
| 68                                     | A    | 68 | D     | 68   | D | 68    | A    |  |       |      |
| 69                                     | B    | 69 | C     | 69   | B | 69    | D    |  |       |      |
| 70                                     | B    | 70 | C     | 70   | B | 70    | A    |  |       |      |