

## Final Keys for the Entrance Examination of Indian Council of Medical Research – Junior Research Fellow (ICMR-JRF) held on 22.07.2018

All the discrepancies raised by the candidates and received within the given timeline were placed to the committee of experts framed for resolving the issues. The key provided below is the updated and finalized by the expert committee. The recommendation of the expert committee will be considered while compiling the results.

- For Multiple (>2 correct option)/ ambiguous questions of the aptitude section (Questions nos. 1-50, for which the candidates were asked to attempt all questions), one mark will be awarded to all the candidates, irrespective of whether one has attempted that question or not.
- For Multiple (>2 correct option)/ ambiguous questions of the Life Sciences or Social Sciences (Questions nos. 51-150, for which the candidates were asked to attempt only 75 of 100 given questions), one mark will be awarded to the candidates who has attempted that question.
- For the question with two correct options, one mark will be awarded only to the candidates who has attempted one of the correct option (or both)

|    | Set A | Set A | Set B              | Set B | Set C              | Set C | Set D | Set D |
|----|-------|-------|--------------------|-------|--------------------|-------|-------|-------|
| 1  | 2     |       | 1                  |       | 4                  |       | 1     |       |
| 2  | 1     |       | 4                  |       | 1                  |       | 3     |       |
| 3  | 1     |       | 2                  |       | 3                  |       | 3     |       |
| 4  | 3     |       | 3                  |       | 3                  |       | 2     |       |
| 5  | 3     |       | 3                  |       | 1                  |       | 4     |       |
| 6  | 4     |       | 1                  |       | 1                  |       | 4     |       |
| 7  | 1     |       | 2                  |       | 4                  |       | 1     |       |
| 8  | 2     |       | 2                  |       | 2                  |       | 4     |       |
| 9  | 2     |       | Multiple/ambiguous |       | Multiple/ambiguous |       | 2     |       |
| 10 | 1 & 3 |       | 2                  |       | 2                  |       | 3     |       |
| 11 | 1     |       | 4                  |       | 1                  |       | 2     |       |
| 12 | 4     |       | 1                  |       | 3                  |       | 4     |       |
| 13 | 2     |       | 3                  |       | 3                  |       | 3     |       |
| 14 | 3     |       | 3                  |       | 2                  |       | 3     |       |
| 15 | 3     |       | 1                  |       | 4                  |       | 4     |       |

|    |                    |  |                    |  |       |  |                    |  |
|----|--------------------|--|--------------------|--|-------|--|--------------------|--|
| 16 | 1                  |  | 1                  |  | 4     |  | 4                  |  |
| 17 | 2                  |  | 4                  |  | 1     |  | 1                  |  |
| 18 | 2                  |  | 2                  |  | 4     |  | 3                  |  |
| 19 | Multiple/ambiguous |  | Multiple/ambiguous |  | 2     |  | 4                  |  |
| 20 | 2                  |  | 2                  |  | 3     |  | 3                  |  |
| 21 | 4                  |  | 1                  |  | 2     |  | 2                  |  |
| 22 | 1                  |  | 3                  |  | 4     |  | 1                  |  |
| 23 | 3                  |  | 3                  |  | 3     |  | 1                  |  |
| 24 | 3                  |  | 2                  |  | 3     |  | 3                  |  |
| 25 | 1                  |  | 4                  |  | 4     |  | 3                  |  |
| 26 | 1                  |  | 4                  |  | 4     |  | 4                  |  |
| 27 | 4                  |  | 1                  |  | 1     |  | 1                  |  |
| 28 | 2                  |  | 4                  |  | 3     |  | 2                  |  |
| 29 | Multiple/ambiguous |  | 2                  |  | 4     |  | 2                  |  |
| 30 | 2                  |  | 3                  |  | 3     |  | 1 & 3              |  |
| 31 | 1                  |  | 2                  |  | 2     |  | 1                  |  |
| 32 | 3                  |  | 4                  |  | 1     |  | 4                  |  |
| 33 | 3                  |  | 3                  |  | 1     |  | 2                  |  |
| 34 | 2                  |  | 3                  |  | 3     |  | 3                  |  |
| 35 | 4                  |  | 4                  |  | 3     |  | 3                  |  |
| 36 | 4                  |  | 4                  |  | 4     |  | 1                  |  |
| 37 | 1                  |  | 1                  |  | 1     |  | 2                  |  |
| 38 | 4                  |  | 3                  |  | 2     |  | 2                  |  |
| 39 | 2                  |  | 4                  |  | 2     |  | Multiple/ambiguous |  |
| 40 | 3                  |  | 3                  |  | 1 & 3 |  | 2                  |  |
| 41 | 2                  |  | 2                  |  | 1     |  | 4                  |  |
| 42 | 4                  |  | 1                  |  | 4     |  | 1                  |  |

|    |                      |                        |                      |                        |                      |                        |                      |                        |
|----|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|
| 43 | 3                    |                        | 1                    |                        | 2                    |                        | 3                    |                        |
| 44 | 3                    |                        | 3                    |                        | 3                    |                        |                      |                        |
| 45 | 4                    |                        | 3                    |                        | 3                    |                        |                      |                        |
| 46 | 4                    |                        | 4                    |                        | 1                    |                        |                      |                        |
| 47 | 1                    |                        | 1                    |                        | 2                    |                        |                      |                        |
| 48 | 3                    |                        | 2                    |                        | 2                    |                        |                      |                        |
| 49 | 4                    |                        | 2                    |                        | Multiple/ambiguous   |                        |                      |                        |
| 50 | 3                    |                        | 1 & 3                |                        | 2                    |                        |                      |                        |
|    |                      |                        |                      |                        |                      |                        |                      |                        |
|    | <b>Life Sciences</b> | <b>Social Sciences</b> | <b>Life Sciences</b> | <b>Social Sciences</b> | <b>Life Sciences</b> | <b>Social Sciences</b> | <b>Life Sciences</b> | <b>Social Sciences</b> |
| 51 | 1                    | 3                      | 2                    | 4                      | 3                    | 4                      | 1                    | 2                      |
| 52 | 1                    | 4                      | 1                    | 1                      | 2                    | 3                      | Multiple/ambiguous   | 1                      |
| 53 | 3                    | 1                      | 1                    | 2                      | 4                    | 2                      | 1                    | 1                      |
| 54 | 1                    | 2                      | 1                    | 1                      | 2                    | 1                      | 4                    | 3                      |
| 55 | 3 & 4                | 3                      | 1                    | Multiple/ambiguous     | 1                    | 2                      | 3                    | 1                      |
| 56 | 2                    | 2                      | 1                    | 2                      | 3                    | 1                      | 3                    | 1                      |
| 57 | 3                    | 1                      | 1                    | 4                      | 3                    | 3                      | 3                    | 4                      |
| 58 | Multiple/ambiguous   | 3                      | 3                    | 3                      | 2                    | 1                      | 3                    | 3                      |
| 59 | Multiple/ambiguous   | 1                      | 2                    | 3                      | 3                    | 2                      | 1                    | 1                      |
| 60 | 2                    | 4                      | 2                    | 1                      | 4                    | 2                      | 3                    | 4                      |
| 61 | 2                    | 4                      | 3                    | 4                      | 1                    | 2                      | 3                    | 3                      |
| 62 | 1                    | 1                      | 2                    | 3                      | Multiple/ambiguous   | 1                      | 1                    | 1                      |
| 63 | 1                    | 2                      | 4                    | 2                      | 1                    | 1                      | 4                    | 2                      |
| 64 | 1                    | 1                      | 2                    | 1                      | 4                    | 3                      | 3                    | 3                      |

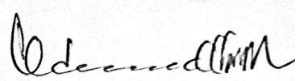
|    |                    |                    |                    |   |   |   |   |                    |
|----|--------------------|--------------------|--------------------|---|---|---|---|--------------------|
| 65 | 1                  | Multiple/ambiguous | 1                  | 2 | 3 | 1 | 4 | 2                  |
| 66 | 1                  | 2                  | 3                  | 1 | 3 | 1 | 2 | 1                  |
| 67 | 1                  | 4                  | 3                  | 3 | 3 | 4 | 4 | 3                  |
| 68 | 3                  | 3                  | 2                  | 1 | 3 | 3 | 2 | 2                  |
| 69 | 2                  | 3                  | 3                  | 2 | 1 | 1 | 4 | 3                  |
| 70 | 2                  | 1                  | 4                  | 2 | 3 | 4 | 1 | 4                  |
| 71 | 3                  | 4                  | 1                  | 2 | 3 | 3 | 2 | 4                  |
| 72 | 2                  | 3                  | Multiple/ambiguous | 1 | 1 | 1 | 1 | 2                  |
| 73 | 4                  | 2                  | 1                  | 1 | 4 | 2 | 3 | 3                  |
| 74 | 2                  | 1                  | 4                  | 3 | 3 | 3 | 4 | 2                  |
| 75 | 1                  | 2                  | 3                  | 1 | 4 | 2 | 1 | 3                  |
| 76 | 3                  | 1                  | 3                  | 1 | 2 | 1 | 4 | 4                  |
| 77 | 3                  | 3                  | 3                  | 4 | 4 | 3 | 1 | 2                  |
| 78 | 2                  | 1                  | 3                  | 3 | 2 | 2 | 3 | 1                  |
| 79 | 3                  | 2                  | 1                  | 1 | 4 | 3 | 2 | 2                  |
| 80 | 4                  | 2                  | 3                  | 4 | 1 | 4 | 3 | 1                  |
| 81 | 1                  | 2                  | 3                  | 3 | 2 | 4 | 1 | 4                  |
| 82 | Multiple/ambiguous | 1                  | 1                  | 1 | 1 | 2 | 4 | 4                  |
| 83 | 1                  | 1                  | 4                  | 2 | 3 | 3 | 1 | 2                  |
| 84 | 4                  | 3                  | 3                  | 3 | 4 | 2 | 4 | 1                  |
| 85 | 3                  | 1                  | 4                  | 2 | 1 | 3 | 3 | Multiple/ambiguous |
| 86 | 3                  | 1                  | 2                  | 1 | 4 | 4 | 3 | 1                  |
| 87 | 3                  | 4                  | 4                  | 3 | 1 | 2 | 1 | 3                  |
| 88 | 3                  | 3                  | 2                  | 2 | 3 | 1 | 2 | 2                  |
| 89 | 1                  | 1                  | 4                  | 3 | 2 | 2 | 2 | 1 & 3              |
| 90 | 3                  | 4                  | 1                  | 4 | 3 | 1 | 2 | 2                  |

|     |   |   |   |                    |   |                    |       |   |
|-----|---|---|---|--------------------|---|--------------------|-------|---|
| 91  | 3 | 3 | 2 | 4                  | 1 | 4                  | 2     | 2 |
| 92  | 1 | 1 | 1 | 2                  | 4 | 4                  | 2     | 2 |
| 93  | 4 | 2 | 3 | 3                  | 1 | 2                  | 3     | 2 |
| 94  | 3 | 3 | 4 | 2                  | 4 | 1                  | 3     | 1 |
| 95  | 4 | 2 | 1 | 3                  | 3 | Multiple/ambiguous | 2     | 4 |
| 96  | 2 | 1 | 4 | 4                  | 3 | 1                  | 3     | 1 |
| 97  | 4 | 3 | 1 | 2                  | 1 | 3                  | 3     | 3 |
| 98  | 2 | 2 | 3 | 1                  | 2 | 2                  | 1     | 2 |
| 99  | 4 | 3 | 2 | 2                  | 2 | 1 & 3              | 2     | 3 |
| 100 | 1 | 4 | 3 | 1                  | 2 | 2                  | 3     | 2 |
| 101 | 2 | 4 | 1 | 4                  | 2 | 2                  | 3     | 2 |
| 102 | 1 | 2 | 4 | 4                  | 2 | 2                  | 1     | 2 |
| 103 | 3 | 3 | 1 | 2                  | 3 | 2                  | 1 & 3 | 1 |
| 104 | 4 | 2 | 4 | 1                  | 3 | 1                  | 1     | 1 |
| 105 | 1 | 3 | 3 | Multiple/ambiguous | 2 | 4                  | 1     | 1 |
| 106 | 4 | 4 | 3 | 1                  | 3 | 1                  | 1     | 2 |
| 107 | 1 | 2 | 1 | 3                  | 3 | 3                  | 2     | 4 |
| 108 | 3 | 1 | 2 | 2                  | 1 | 2                  | 2     | 2 |
| 109 | 2 | 2 | 2 | 1 & 3              | 2 | 3                  | 3     | 4 |
| 110 | 3 | 1 | 2 | 2                  | 3 | 2                  | 3     | 4 |
| 111 | 1 | 4 | 2 | 2                  | 3 | 2                  | 1     | 3 |

|         |   |                    |       |   |                    |   |                    |   |
|---------|---|--------------------|-------|---|--------------------|---|--------------------|---|
| 11<br>2 | 4 | 4                  | 2     | 2 | 1                  | 2 | 4                  | 2 |
| 11<br>3 | 1 | 2                  | 3     | 2 | 1 & 3              | 1 | Multiple/ambiguous | 2 |
| 11<br>4 | 4 | 1                  | 3     | 1 | 1                  | 1 | 1                  | 4 |
| 11<br>5 | 3 | Multiple/ambiguous | 2     | 4 | 1                  | 1 | 1                  | 3 |
| 11<br>6 | 3 | 1                  | 3     | 1 | 1                  | 2 | 2                  | 1 |
| 11<br>7 | 1 | 3                  | 3     | 3 | 2                  | 4 | 4                  | 4 |
| 11<br>8 | 2 | 2                  | 1     | 2 | 2                  | 2 | 3                  | 3 |
| 11<br>9 | 2 | 1 & 3              | 2     | 3 | 3                  | 4 | 2                  | 1 |
| 12<br>0 | 2 | 2                  | 3     | 2 | 3                  | 4 | 2                  | 1 |
| 12<br>1 | 2 | 2                  | 3     | 2 | 1                  | 3 | 1                  | 3 |
| 12<br>2 | 2 | 2                  | 1     | 2 | 4                  | 2 | 1                  | 4 |
| 12<br>3 | 3 | 2                  | 1 & 3 | 1 | Multiple/ambiguous | 2 | 3                  | 1 |
| 12<br>4 | 3 | 1                  | 1     | 1 | 1                  | 4 | 1                  | 2 |
| 12<br>5 | 2 | 4                  | 1     | 1 | 1                  | 3 | 3 & 4              | 3 |
| 12<br>6 | 3 | 1                  | 1     | 2 | 2                  | 1 | 2                  | 2 |
| 12<br>7 | 3 | 3                  | 2     | 4 | 4                  | 4 | 3                  | 1 |
| 12<br>8 | 1 | 2                  | 2     | 2 | 3                  | 3 | Multiple/ambiguous | 3 |

|     |                    |   |                    |   |                    |                    |                    |                    |
|-----|--------------------|---|--------------------|---|--------------------|--------------------|--------------------|--------------------|
| 129 | 2                  | 3 | 3                  | 4 | 2                  | 1                  | Multiple/ambiguous | 1                  |
| 130 | 3                  | 2 | 3                  | 4 | 2                  | 1                  | 2                  | 4                  |
| 131 | 3                  | 2 | 1                  | 3 | 1                  | 3                  | 2                  | 4                  |
| 132 | 1                  | 2 | 4                  | 2 | 1                  | 4                  | 1                  | 1                  |
| 133 | 1 & 3              | 1 | Multiple/ambiguous | 2 | 3                  | 1                  | 1                  | 2                  |
| 134 | 1                  | 1 | 1                  | 4 | 1                  | 2                  | 1                  | 1                  |
| 135 | 1                  | 1 | 1                  | 3 | 3 & 4              | 3                  | 1                  | Multiple/ambiguous |
| 136 | 1                  | 2 | 2                  | 1 | 2                  | 2                  | 1                  | 2                  |
| 137 | 2                  | 4 | 4                  | 4 | 3                  | 1                  | 1                  | 4                  |
| 138 | 2                  | 2 | 3                  | 3 | Multiple/ambiguous | 3                  | 3                  | 3                  |
| 139 | 3                  | 4 | 2                  | 1 | Multiple/ambiguous | 1                  | 2                  | 3                  |
| 140 | 3                  | 4 | 2                  | 1 | 2                  | 4                  | 2                  | 1                  |
| 141 | 1                  | 3 | 1                  | 3 | 2                  | 4                  | 3                  | 4                  |
| 142 | 4                  | 2 | 1                  | 4 | 1                  | 1                  | 2                  | 3                  |
| 143 | Multiple/ambiguous | 2 | 3                  | 1 | 1                  | 2                  | 4                  | 2                  |
| 144 | 1                  | 4 | 1                  | 2 | 1                  | 1                  | 2                  | 1                  |
| 145 | 1                  | 3 | 3 & 4              | 3 | 1                  | Multiple/ambiguous | 1                  | 2                  |

|         |   |   |                    |   |   |   |   |   |
|---------|---|---|--------------------|---|---|---|---|---|
| 14<br>6 | 2 | 1 | 2                  | 2 | 1 | 2 | 3 | 1 |
| 14<br>7 | 4 | 4 | 3                  | 1 | 1 | 4 | 3 | 3 |
| 14<br>8 | 3 | 3 | Multiple/ambiguous | 3 | 3 | 3 | 2 | 1 |
| 14<br>9 | 2 | 1 | Multiple/ambiguous | 1 | 2 | 3 | 3 | 2 |
| 15<br>0 | 2 | 1 | 2                  | 4 | 2 | 1 | 4 | 2 |



(M R Shivaprakash)