

# Get Ready to Crack ICMR-JRF 2021 (Detailed Syllabus )



# Indian Council of Medical Research (ICMR)

## ICMR Junior Research Fellowship Syllabus

### ICMR JRF Part A Syllabus - General Aptitude & General Knowledge

Part A consists of 50 general science, statistics, and measurement questions and all these questions are compulsory. Check the ICMR-JRF General syllabus mentioned below. Candidates can attempt the mock tests to practice these questions. Candidates can also refer to books to practice these questions.

Topics	Syllabus
Common Statistics	<ul style="list-style-type: none"><li>● Experiments and sampling</li><li>● Probability</li><li>● Description and displaying data</li><li>● Linear regression and correlation</li><li>● Hypothesis test and confidence intervals</li></ul>
General Knowledge	<ul style="list-style-type: none"><li>● Synthetic material</li><li>● Nuclear science</li><li>● Measurements</li></ul>
Scientific Phenomenon	<ul style="list-style-type: none"><li>● Hurricane</li><li>● Tsunami</li><li>● Greenhouse effect</li><li>● Wind</li><li>● Tornado</li><li>● Volcano</li><li>● Rain</li><li>● Snow</li><li>● Earthquake</li><li>● Erosion</li></ul>

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## ICMR JRF Part B Syllabus: Life Science

This is an optional section for those students who want to join the social science department. This section consists of a total of 100 questions from which 75 questions are compulsory to attempt. The syllabus covers several units from Biomedical science. Check the unit wise syllabus mentioned below:

Subject	Syllabus
<b>Life Science</b>	<ul style="list-style-type: none"><li>● Microbiology</li><li>● Physiology</li><li>● Molecular Biology</li><li>● Genetics</li><li>● Human Biology</li><li>● Biotechnology</li><li>● Biochemistry</li><li>● Bioinformatics</li><li>● Biophysics</li><li>● Immunology</li><li>● Pharmacology</li><li>● Nursing</li><li>● Zoology</li><li>● Botany</li><li>● Environmental Sciences</li><li>● Veterinary Science (excluding Agriculture Extension/ Soil Science)</li><li>● Bio-Informatics</li></ul>

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## ICMR JRF Part C Syllabus: Social Science

This section is also an optional section for the Biomedical Science students. It consists of 100 questions and 75 questions are compulsory to attempt. Check the topics under the Social Science subject mentioned below:

Subject	Syllabus
Social Science	<ul style="list-style-type: none"><li>● Psychology</li><li>● Sociology</li><li>● Home Science</li><li>● Statistics Anthropology</li><li>● Social work</li><li>● Public health/health economics (agriculture economics will not be considered).</li></ul>

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