

SYLLABUS

Junior Technician - Mechanical and Aerospace Engineering

JTA - SC

Syllabus: The syllabus for the written test is based on the GATE 2020 exam.

The detailed syllabus for the written test can be accessed through the following link:

<http://gate.iitd.ac.in/Syllabus/ME.pdf>

<http://gate.iitd.ac.in/Syllabus/EC.pdf>

JTA -OBC

Syllabus: The syllabus for the written test for the listed trades will be based on syllabus of the curriculum of "The Craftsmen Training Scheme (CTS)", Central Staff Training and Research Institute, Directorate General of Training, Ministry of Skill Development and Entrepreneurship.

The detailed syllabus for various trades under this can be accessed through the following link:
<http://www.cstaricalcutta.gov.in/sylleng.aspx>

JTA- EWS

Syllabus: The syllabus for written test is given below.

Differentiation, integration, differential equations, matrices, analytical geometry

Engineering and machine
drawing

Stress, strain, axial loading of structures, material behavior, beam bending, shaft torsion

Thermodynamics, heat engine cycles

Design of bolted and welded
joints

Manufacturing process, machine tools, Jigs and fixtures, metrology

Fluid
mechanics

