

# Naval Ship Repair Yard (NSRY)



## Naval Ship Repair Yard Apprentice Exam Pattern

S. No	Exam Type	Name of the Subject
1	Multiple Choice Questions	General Science
2		Mathematics
3		General Knowledge

## Naval Ship Repair Yard Apprentice Syllabus

### Mathematics

- Matrices.
- Trigonometry.
- Definite Integrals.
- Circles.
- Cartesian System of Rectangular Coordinates.
- Exponential and Logarithmic Series.
- Conic Sections.
- Indefinite Integrals Binomial Theorem.
- Sequences and Series.
- Determinants.
- Applications of Derivatives.
- Relations and Functions.
- Complex Numbers.
- Quadratic Equations.
- Permutations and Combinations.
- Straight Lines Family of Straight Lines.
- Differentiation.

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- Logarithms.
- Probability Function.

## General Science

- Physical World and Measurement.
- Physiology and Human Diseases.
- Electromagnetic Induction and Alternating Current.
- Nutrition and Health.
- Dual Nature of Matter and Radiations.
- Food.
- Organic Chemistry.
- Metals and Non-Metals.
- Optics.
- The Motion of System of Particles & Rigid Body.
- Electrostatics.
- Magnetic Effect of Current and Magnetism.
- Principles of Communication.
- Heat Thermodynamics.
- Computer Science.
- Electromagnetic Waves.
- Kinematics.
- Laws of Motion.
- Mechanics of Solids and Fluids.
- <https://www.freshersnow.com/syllabus/>
- Atomic Nucleus / Solid and Semi-Conductor Devices.
- Work, Energy, and Power.

## General Knowledge

- Chemistry.
- Indian Culture.
- Basic Computer.
- Indian Parliament.
- Environment.
- Zoology.
- Famous Books & Authors.

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- Sports.
- Indian Politics.
- Botany.
- Geography.
- Indian History.
- Basic GK.
- Inventions in the World.
- Physics.
- Indian Economy.
- Famous Days & Dates.