

# YASHOTEJ ACADEMY

## YTA ENTRANCE SYLLABUS



### MATHS

- ARITHMETIC PROGRESSION
- QUADRATIC EQUATION
- PROBABILITY
- MENSURATION
- LINEAR EQUATION IN TWO VARIABLE
- TRIGONOMETRY
- STATISTICS
- HEIGHT AND DISTANCE
- CO ORDINATE GEOMETRY
- SETS
- CIRCLE
- POLYNOMIALS

### ENGLISH

- ANTONYMS
- SYNONYMS
- FILL UPS
- SPOT THE ERROR
- SENTENCE REARRANGEMENT
- READING COMPREHENSION
- IDIOMS AND PHRASES

### PHYSICS

- MOTION
- KINEMATICS
- GRAVITATION
- WORK, ENERGY, POWER
- PRESSURE
- LIGHT
- SOUND
- CURRENT ELECTRICITY
- MAGNETIC EFFECTS OF ELECTRIC CURRENT

### CHEMISTRY

- STRUCTURE OF ATOM
- COMPOSITION OF MATTER
- CARBON COMPOUNDS
- ACID BASES AND SALTS
- METAL & NON METAL
- PERIODIC CLASSIFICATION OF ELEMENTS

## **BIOLOGY**

- CELL STRUCTURE
- PLANT SYSTEM
- HUMAN BODY
- NUTRITION AND DISEASES

## **HISTORY**

- INDUS VALLEY CIVILISATION
- MAURYAN DYNASTY
- JAINISM AND BUDDHISM
- DELHI SULTANATE
- REVOLT OF 1857
- INDIAN FREEDOM MOVEMENT

## **GEOGRAPHY**

- INTERIOR OF EARTH
- LATITUDE AND LONGITUDE
- INDIA LOCATION AND EXTENT
- PHYSIOGRAPHIC DIVISION OF INDIA

## **POLITY**

- CONSTITUTIONAL BACKGROUND
- UNION EXECUTIVE
- FUNDAMENTAL RIGHTS

## **CURRENT AFFAIRS**

## **STATIC GK (MISCELLANEOUS)**

## **INDIAN DEFENCE FORCES**



**YASHOTEJ ACADEMY**  
MAKING EVERY LECTURE COUNT