

SYLLABI FOR THE TEST & TEST CITIES

Syllabi for the Selection Test :

Class 8 (Soon going to Class 9)

Physics

- Force and Pressure
- Friction
- Chemical Effect of Electric Current
- Natural Phenomena
- Light
- Cell-Structure of Cell & its Function
- Conservation of Plants & Animals

Chemistry

- Metals and Non metals
- Coal & Petroleum
- Combustion and Flame

Biology

- Crop Production & Management
- Microorganism

Mathematics

- Rational Numbers
- Understanding Quadrilaterals
- Comparing Quantities
- Algebraic Expression & Identities
- Square & Square Root
- Cube & Cube Root
- Exponents and Powers

Class 10 (Soon going to Class 11)

Physics

- Light: Reflection and Refraction
- Electricity
- Human Eye and Colourful World
- Sources of Energy
- Magnetic Effect of Current
- Metals and Non-Metals
- Carbon and Its Compounds
- Periodic Classification

- Chemical Reactions & Equations
- Acids, Bases and Salts

Chemistry

- Chemical Reactions & Equations
- Acids, Bases and Salts

Mathematics

- Real Numbers
- Polynomials
- Quadratic Equations
- Similar Triangles
- Trigonometry
- Coordinate Geometry
- Arithmetic Progression

Test Cities :

State	Test Cities
Andhra Pradesh	Vijayawada, Visakhapatnam (MVP Colony & Ukkunagaram)
Bihar	Ara, Arwal, Nalanda, Darbhanga, Gaya, Jahanabad, Jamui, Madhubani, Motihari, Muzaffarpur, Patna (Beily Road), Bihta, Purnia, Samastipur, Sasaram & Sitamarhi
Chandigarh (UT)	Chandigarh
Chhattisgarh	Bhilai & Raipur
Delhi	Dwarka, Janak Puri, South Delhi, East Delhi, Paschim Vihar
Gujarat	Vadodara
Haryana	Faridabad, Gurugram & Hisar
Jharkhand	Bokaro (Steel City), Dhanbad & Ranchi (Doranda & Lalpur)
Karnataka	Bangalore (HSR Layout, Jayanagar, Seshadripuram)
Kerala	Kochi
Madhya Pradesh	Bhopal, Gwalior, Indore (Palasia, Annapurna & AB Road)

State	Test Cities
Maharashtra	Mumbai (Andheri, Kandivali, Navi Mumbai, Thane), Nagpur, Pune (Swargate & PCMC)
Odisha	Bhubaneswar (Infocity Centre & Unit IX) & Cuttack
Punjab	Amritsar
Rajasthan	Jaipur (JLN Marg, Vaishali Nagar, Vidhyadhar Nagar)
Tamil Nadu	Chennai (Anna Nagar, Chetpet, Sriperumbudur, Valasaravakkam, Velachery), Coimbatore, Trichy & Vellore
Telangana	Hyderabad (Dilsukhnagar, Miyapur & Saifabad)
Uttar Pradesh	Ghaziabad (Vasundhara & RDC), Greater Noida, Kanpur, Lucknow (Aashiana, Aliganj, Gomti Nagar), Meerut, Noida (Sector 62 & 11), Prayagraj, Shaktinagar, Varanasi (Khajuri & Maqbool Alam Road)
West Bengal	Durgapur, Kolkata (North & South) & Kharagpur