

## **UP Sahayak Adhyapak Exam Syllabus 2017**

### **UP Assistant Teacher Syllabus for Core Language Competency**

#### **Hindi**

- अलंका.
- रस.
- समास.
- पर्यायवाची.
- विलोम.
- तत्सम एवं तद्भव.
- संधियां.
- वाक्यांशों के लिये एक शब्द निर्माण.
- लोकोक्तियां एवं मुहावरे.
- वाक्यसंशोधन- लिंग, वचन, कारक, काल, वर्तनी, त्रुटि से संबंधित.
- अनेकार्थी शब्द.

#### **English**

- Adjectives.
- Clauses.
- Vocabulary.
- Fill in the blanks.
- Grammar.
- Spot the error.
- Antonyms.
- Synonyms/ Homonyms.
- Sentence structure.
- Spellings.

### **Uttar Pradesh Sahayak Adhyapak Syllabus for General Science**

- Organic synthesis.
- Quantum Chemistry.
- Chemical Kinetics.
- Thermodynamics.
- Electrochemistry.
- Photochemistry.
- Atomic and Molecular Physics.
- Condensed Matter Physics.

- Nuclear and Particle Physics.
- Electronics.
- Electromagnetic Theory.

### **UP Teacher Syllabus for Mathematics**

- Exploring Real Numbers.
- Understanding Logarithms.
- Sets.
- Polynomials.
- Linear Equations.
- Quadratic Equation.
- Progressions.
- Coordinate Geometry.
- Triangles.
- Tangents.
- Mensuration.
- Trigonometry.
- Probability.
- Statistics.

### **UP Primary Teacher Syllabus for Teaching Aptitude**

- Real Numbers.
- Elementary Number Theory.
- Matrices.
- Polynomials.
- Linear Equations in two variables.
- A pair of Linear Equations in two variables.
- Quadratic Equations.
- Arithmetic Progressions.
- Inequalities.
- Combinatorics.
- Calculus.
- Euclidean Geometry.
- Coordinate Geometry.
- Areas and Volumes.
- Trigonometry.
- Statistics.

- Probability.

### **Uttar Pradesh Primary Teacher Syllabus for General Intelligence**

- History of India.
- Geography of India.
- Economic issues in India.
- National news (current).
- International issues.
- Scientific observations.
- Indian Culture.
- New inventions.
- Political Science.
- About India and it's neighboring countries.
- National and international current affairs.
- Countries and capitals.
- Constitution of India.

### **UP Sahayak Adyapak Syllabus for Environmental Science**

- Content
  - Family and Friends.
  - Relationships.
  - Work and Play.
  - Animals.
- Pedagogical Issues
  - Concept and scope of EVS.
  - The significance of EVS, integrated EVS.
  - Environmental Studies & Environmental Educational.