

Syllabus for SDI Raebareli Entrance Test

The entrance test is of screening nature. The question will be of objective type with multiple choices and are likely to include questions pertaining to:

1. Mathematics

Number system, BODMAS, Decimals, Fractions, LCM, HCF, Ratio and Proportion, Percentages, Average, Mensuration (Circles, Triangles, Rectangles and Squares, Area and Perimeter, Cylinder, Cube and Cuboid) Time and Work, Time and Distance, Simple and Compound Interest, Profit and Loss, Discount, Algebra, Geometry, complimentary angles and Trigonometry, Heights & Distance, Square Root, Age Calculations, Calendar & Clock etc.

2. General Intelligence and Reasoning

Analogies, Alphabetical and Number Series, Coding and Decoding, Mathematical operations, Relationships, Jumbling, Venn Diagram, Similarities and Differences, Analytical reasoning, Classification, Directions etc.

3. General Science & English

The syllabus under this shall cover English, Physics, Chemistry and Life Sciences of 12th standard level.

4. General awareness

General awareness on current affairs in Science & Technology, Sports, Culture, Personalities, Economics, Politics and other subjects of importance.

Few Sample Question:

1. Diamond is an allotropic form of?
हीरा एक अलॉट्रोपिक रूप है?:
(A) Germanium / जर्मैनियम
(B) Carbon / कार्बन
(C) Silicon / सिलिकॉन
(D) Sulphur / सल्फर
2. What is the pH value of water?
पानी की पीएच वैल्यू / मान क्या है?
(A) 4 (B) 7 (C) 10 (D) 12

3. Look at this series: 7, 10, 8, 11, 9, 12, ____ What number should come next?
इस श्रृंखला को देखो : 7,10,8,11,9,12,____ अगला संख्या क्या आना चाहिए?
(A) 7 (B) 10 (C) 12 (D) 13
4. $9.00+9.01+9.001+9.0001+9.00001 = ?$
(A) 45.01111 (B) 45.2 (C) 4.5 (D) 450.0111
5. Find the correctly spelt word.
सही ढंग से वर्तनी शब्द का पता लगाएं।
(A) Comitee (B) Committee (C) Comittee (D) Comite
6. Choose the word which is the exact OPPOSITE of the word SHRINK.
वह शब्द चुनें जो SHRINK शब्द का सटीक विपरीत है।
(A) contract (B) spoil (C) expand (D) stretch
7. Who has been allocated the Union Ministry of Finance & Corporate Affairs in the 17th Lok Sabha?
17 वीं लोकसभा में केंद्रीय वित्त और कॉर्पोरेट मामलों का मंत्रालय किसे आवंटित किया गया है?
(A) Piyush Goyal / पीयूष गोयल
(B) Raj Nath Singh / राज नाथ सिंह
(C) Nirmala Sitharaman / निर्मला सीतारमण
(D) Ravi Shankar Prasad / रविशंकर प्रसाद
8. Under which Article of the Constitution of India the President has the power of pardon or remission?
भारत के संविधान के किस अनुच्छेद के तहत राष्ट्रपति के पास माफी या छूट की शक्ति है?
(A) Article 72 (B) Article 71 (C) Article 76 (D) Article 74
