

SBI Apprentice

EXAM 2027

BY A TEAM OF EXPERTS



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SBI Apprentice Syllabus

The SBI Apprentice examination is conducted by the State Bank of India to recruit graduates for a one-year apprenticeship program in various branches across the country. It provides young aspirants an excellent opportunity to gain practical exposure to banking operations while developing professional skills required in the financial sector. Candidates who wish to succeed in this competitive examination must first understand the structure of the exam and the subjects included in the syllabus.

The online written examination consists of 100 objective-type questions carrying 100 marks and is conducted for a duration of one hour, with 15 minutes allotted to each section. The question paper includes four major sections: General English, General/Financial Awareness, Quantitative Aptitude, and Reasoning Ability with Computer Aptitude. Questions are generally available in English and Hindi, except for the General English section. The exam also includes negative marking of one-fourth mark for every incorrect answer, making accuracy as important as speed.

The syllabus covers important areas such as English grammar, vocabulary, comprehension, and sentence correction; current affairs, banking awareness, economic news, and general knowledge; mathematical topics like percentage, profit and loss, time and work, averages, number series, and data interpretation; logical reasoning topics such as coding–decoding, analogies, syllogism, and decision making; along with basic computer knowledge including MS Office, internet concepts, computer fundamentals, and networking. In addition to the written examination, candidates must also qualify a local language test and pass a medical examination before final selection.

This material aims to provide a clear and simplified overview of the SBI Apprentice syllabus so that aspirants can plan their preparation in an organized manner. With consistent practice, conceptual clarity, and proper time management, candidates can confidently prepare for the examination and enhance their chances of success in the SBI Apprentice recruitment process.

Preface

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Section I : Maths.

Methodology in Brief.

BODMAS

BODMAS is a rule that tells us the correct order in which mathematical operations should be done. It is used when a question has more than one operation like addition, subtraction, multiplication, division, powers, or brackets. If we do not follow a proper order, we may get the wrong answer. BODMAS stands for Brackets, Orders, Division, Multiplication, Addition and Subtraction.

Brackets are solved first. Brackets can be of different types such as small brackets (), square brackets [], and curly brackets { }. When brackets are inside each other, we solve the innermost bracket first and then move outward. For example, in the expression $8 + (5 - 3)$, we first solve the bracket $5 - 3 = 2$, and then add $8 + 2 = 10$. Orders mean powers and roots. For example, 2^3 means $2 \times 2 \times 2$ which equals 8. Similarly, $\sqrt{49}$ equals 7. In an expression like $3 + 2^2$, we first calculate $2^2 = 4$ and then add $3 + 4 = 7$. After brackets and orders, we solve division and multiplication. Division and multiplication are done from left to right, whichever comes first. For example, in $10 \div 2 \times 3$, we first divide $10 \div 2 = 5$ and then multiply $5 \times 3 = 15$. We do not multiply first because we must move from left to right.

After division and multiplication, we solve addition and subtraction. These are also done from left to right. For example, in $15 - 5 + 2$, we first subtract $15 - 5 = 10$ and then add $10 + 2 = 12$.

It is important to understand that BODMAS does not mean division is always done before multiplication or addition is always done before subtraction. Division and multiplication are equal in priority and are solved from left to right. Addition and subtraction are also equal in priority and are solved from left to right. Let us take a complete example. Consider $18 \div 3 \times 2 + 4 - 1$. First we do division: $18 \div 3 = 6$. Then multiplication: $6 \times 2 = 12$. Then addition: $12 + 4 = 16$. Then subtraction: $16 - 1 = 15$. So the final answer is 15.

Another example is $12 - 4 \times 2 + 3^2$. First solve the power: $3^2 = 9$. Then multiply: $4 \times 2 = 8$. Now the expression becomes $12 - 8 + 9$. Moving left to right, $12 - 8 = 4$ and $4 + 9 = 13$. So the answer is 13. Therefore, BODMAS helps us solve mathematical expressions correctly by following a fixed order. First brackets, then orders, then division and multiplication from left to right, and finally addition and subtraction from left to right. If we follow this rule carefully, we will always get the correct answer.

Other Methodologies

Ratio and Proportion (Value Variation Logic)

Description: When value is directly proportional to the square of weight, we write

$\text{Value} \propto (\text{weight})^2$

Therefore, $\text{Value} = k \times (\text{weight})^2$

where k is the constant of proportionality.

Let the two broken pieces have weights $5x$ and $8x$.

Original weight = $5x + 8x = 13x$

Original value

$= k(13x)^2$