Pathani Samanta Mathematics Talent (Class - 11 to 12)

Department: **: School & Mass Education Department**
Scheme: **Pathani Samanta Mathematics Talent (Class - 11 to 12)**

The **Pathani Samanta Mathematics Talent Scholarship (PSMTS)** is a scholarship program initiated by the Government of Odisha to promote and nurture mathematical talent among high school students. The scholarship is named after **Pathani Samanta**, a legendary mathematician and astronomer from Odisha. The primary goal of this scheme is to identify and support students with strong mathematical abilities and to encourage them to pursue further studies in mathematics.

Key Details of the Pathani Samanta Mathematics Talent Scholarship:

Eligibility Criteria:

1. **Class Level**:
   o The scholarship is aimed at students studying in **Class 11 and Class 12**.
   o Students must be enrolled in recognized schools/colleges in Odisha.
2. **Academic Performance**:
   o The student must have shown excellence in mathematics in their previous academic years.
   o The selection is based on merit, with students needing to have a strong foundation in mathematics.
3. **Residency**:
   o The applicant must be a **permanent resident of Odisha**.

Scholarship Benefits:

1. **Financial Support**:
   o The scholarship provides **monetary assistance** to students who qualify, helping them with their educational expenses during Class 11 and 12.
   o The exact amount of the scholarship varies based on the scheme's guidelines but is meant to encourage students to pursue their interest in mathematics.
2. **Encouragement for Further Studies**:
   o The scholarship is intended to motivate students to take up advanced studies in mathematics and related fields.

Selection Process:

1. **Examination**:
   o To qualify for the Pathani Samanta Mathematics Talent Scholarship, students must appear for a **Mathematics Talent Examination** conducted by the Board of Secondary Education (BSE), Odisha.
   o The exam focuses on assessing the student's mathematical ability, problem-solving skills, and understanding of mathematical concepts typically taught at the Class 11 and 12 levels.
2. **Syllabus**:
   o The syllabus for the examination is based on the mathematics curriculum prescribed for **Class 9, 10, 11, and 12** in Odisha.
   o The exam tests both the theoretical and practical application of mathematical principles.
3. **Merit-Based Selection**:
   o The selection of students for the scholarship is purely based on their performance in the talent exam.
   o The top-performing students will be awarded the scholarship.

Exam Structure:

1. **Type of Questions**:
   o The examination consists of multiple-choice questions (MCQs) and subjective questions based on mathematical concepts.

o The test is designed to challenge the students' problem-solving abilities and their depth of understanding in mathematics.
2. **Time and Duration**:
   o The exam is usually conducted over a fixed duration, with students needing to complete all sections within the stipulated time.

Benefits to Students:

1. **Recognition of Talent**:
   o The Pathani Samanta Mathematics Talent Scholarship recognizes and rewards students who excel in mathematics, giving them a platform to showcase their talent.
2. **Encourages Mathematical Excellence**:
   o The scholarship encourages students to focus on mathematics, providing them with the motivation to pursue careers in fields like engineering, data science, actuarial science, research, and academia.
3. **Financial Aid**:
   o The monetary support provided under this scholarship helps students in Class 11 and 12 manage their academic expenses, such as books, tuition fees, and other educational costs.

How to Prepare:

- **Understand the Syllabus**:
  o Focus on the mathematics curriculum of Class 9 to 12, ensuring a solid grasp of fundamental concepts like algebra, trigonometry, calculus, geometry, and statistics.
- **Practice Regularly**:
  o Regular practice of mathematical problems, both theoretical and practical, is key to succeeding in the scholarship exam.
- **Take Mock Tests**:
  o Solving previous years' question papers or sample papers can help students familiarize themselves with the exam pattern and manage time effectively.
- **Seek Guidance**:
  o Teachers and mentors can guide students in preparing for the talent exam by helping them strengthen areas of weakness and improve problem-solving speed.

Eligibility Details

Category	Class/Courses	Documents Required
• General • SC • ST • OBC/SEBC • EBC	• Plus 2	• Aadhaar Card of student • Copy of passbook of Bank account with account number and IFSC code of the bank branch • Passport size Photograph of student • College Id Card of the Student • Marksheet of last exam passed

Scholarship Amount

Courses	Payment Type	Boys Amt (Rs.)	Girls Amt (Rs.)	Transgender Amt (Rs.)
Plus 2	Yearly	5000.00	5000.00	5000.00

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