

**MAHARASHTRA STATE SECONDARY AND HIGHER SECONDARY
EDUCATION DEPARTMENT,**

BHAMBURDA, SHIVAJINAGAR, PUNE – 411004.

Circular No. S.B. / Research Std. 10th, Mathematics Subject For the Students with Special Needs / Evaluation System / 3870.

Date: 16 May 2013.

Reference: 1. Circular No. S.D. / Research/ Std 9th/ Mathematics Subject for the Students with Special Needs/ Evaluation System/ 4768 dated 2nd July 2012.

Through this circular, it is being informed to the Heads of the Secondary Department of all the Government Recognized Schools that on the basis of the National Curriculum Framework, (2005) (NCF), and as per the guiding principles of NCERT, the Maharashtra State Curriculum Framework 2010 has been prepared. Accordingly, syllabus for all the subjects for Std. 9th and 10th has been revised for which the Government has given permission through letter no. S.S.C. / 2010/ (195/10) Higher Secondary Education – 2, dated 12/03/2012. The Board has prepared Subject-Plan, Exam-Plan, Syllabus and Question Paper Pattern for the 10 Std. students with Special Needs (Visually-Impaired, Learning Disabled, Deaf, Physically Handicapped (Spastic & Cerebral Palsy), and Autistic.

As you all know, Balbharti's 7th Std Mathematics Textbook is being used for 9th and 10th Std. The implementation of the revised syllabus of 9th and 10th Std. is in effect from the academic year 2012-13 & 2013-14, respectively; according to which, the 10th Std. examination will be of total 600 Marks.

Syllabus of Mathematics for the students with Special Needs will be of 50 Marks and the pattern for the same is as follows-

Students with Special Needs will have the subject of Mathematics for 50 Marks and the subject under Work-Education for 100 marks. These 100 marks of Work-Education should be converted into 50 marks. Those students, who have opted for the subject of Mathematics which is for the Special Needs Students instead of Algebra, Geometry or General Mathematics Part-1, Part-2, will have total 100 marks which include 50 marks for Mathematics and 50 marks for Work-Education. Accordingly, current evaluation plan and pattern for the subject of Mathematics has been changed. The details of the same are given in

the circular that is mentioned above as Reference No.1, and the detailed pattern of that is also attached herewith in this circular. Also, note that these students will not get Internal Evaluation Marks for the subject of Mathematics.

Accordingly, this should be informed to all the teachers, students of your secondary school and appropriate action should be taken as per the circular. This circular has been made available on the website (www.msbshe.ac.in) of the department.

By Order,

Secretary,

Maharashtra State

Secondary & Higher Secondary Education Board

Pune- 411004

Cc.

Respected Regional Secretary,

Pune/ Nagpur/ Aurangabad/ Mumbai/ Amravati/ Kolhapur/ Nashik/ Latur/ Konkan Regional Departments- are being informed to send this circular to all the Heads of Government Recognised Secondary Schools of your respective regions immediately.

Cc. For information and required implementation

1. Respected Director, Secondary and Higher Secondary Education Directorate, Maharashtra State, Pune – 01.
2. Respected Director, Maharashtra State Bureau of Textbook Production and Curriculum Research, Pune – 04.
3. Respected Director, Maharashtra State Council of Education Research and Training, Pune-30
4. Education Deputy Directors (All Regions).
5. Educational Officer (Secondary), All ZP.
6. Branch – Examination, Online, Library, Respected Chairman (APS)

Cc. For information:

Respected Under Secretary, School & Sports Department, Mantralay Extension Building, Mumbai - 32.

Mathematics Question Paper-Pattern for the Students with Special Needs

Q1. Instructions for the paper setters – Prepare one question per topic given below.
Students will solve any 6. 6 Marks

1. Properties of Triangle
2. Square, Square-root
3. Indices
4. Rational Number
5. Profit & Loss
6. Congruence
7. Circle

Q.2 Instructions for the paper setters - Prepare one question per topic given below.
Students will solve any 4. 6 Marks

1. Indices
2. Product of Algebraic Expressions
3. Equations in One Variable
4. Operations on Rational Numbers
5. Profit & Loss
6. Quadrilateral

Q.3 Instructions for the paper setters– Prepare one question per topic given below.
Students will solve any 4. 6 Marks

1. Average
2. Theorem of Pythagoras
3. Simple Interest
4. Area
5. Identity

Q.4 Instructions for the paper setters– Prepare one question per topic given below.
Students will solve any 4. 6 Marks

1. Square and Square-root
2. Variation
3. Theorem of Pythagoras
4. Equations in One Variable (Word problems)
5. Joint Bar Graphs

Q.5 Instructions for the paper setters– Prepare one question per topic given below.
Students will solve any 3. 6 Marks

1. Construction of Triangle and Quadrilateral
2. Profit Percent and Loss Percent
3. Types and Properties of Quadrilateral (do not ask questions based on diagrams)
4. Factors of Algebraic Expressions (ask 2 questions for 2 marks)
5. Volume or Surface Area.

Mathematics Question Paper Pattern for the Students with Special Needs Studying in 9th Std.
50 Marks Duration-2 Hours

Question No.	Question	Marks	Marks with Optional Questions
1	Solve 6 questions out of 7 (1 mark per question)	6	7
2	Solve 4 questions out of 6 (2 marks per question)	8	12
3	Solve 4 questions out of 5 (3 marks per question)	12	15
4	Solve 4 questions out of 5 (3 marks per question)	12	15
5	Solve 3 questions out of 5 (4 marks per question)	12	20
Total Marks		50	69