



+91 33 22268594-5

+91 33 22298596-8/2580



+91 33 22299660

Gram: SECONDARY

e_mail: wbbse05@yahoo.co.in



WHEN REPLYING, PLEASE QUOTE

Memo No. : S/161

Date : 30.07.08

CIRCULAR

To

All Heads of recognized Institutions

Subject: Introduction of oral of 10 marks for all Second Languages and Mathematics from the Madhyamik Pariksha (Secondary Examination) 2009 and onwards.

Sir / Madam,

As directed you are informed that the West Bengal Board of Secondary Education has decided to introduce oral examination of 10 marks for all Second Languages and Mathematics from the Madhyamik Pariksha (Secondary Examination) 2009 and onwards. Each institution shall conduct the examination in oral for the above two subjects along with other subjects viz. First Language, Physical Science, Life Science, History, Geography and send the marks of all the 07 (seven) subjects to the Board as usual.

It is also decided to introduce 10 marks in oral for all Second Language subjects and Mathematics in Class IX only from the academic session 2008-09.

Modalities of changes are as follows :

FOR CLASS IX :

- Mathematics-objectives would be of 10 marks instead of 15 marks in the 3rd Unit Test.
- Oral in Mathematics for 10 marks to be taken both in the 5th Unit Test and Summative Evaluation / Annual Examination. Both Mathematics-objectives and oral for 10 marks each are to be taken in the 5th Unit Test.
- The written examination for 3rd Unit Test in Mathematics will be held on 20 marks including 10 marks in Mathematics-objectives.
- Marking in written examination on Summative Evaluation / Annual Examination in Mathematics would be of 90 marks including 20 marks in Mathematics-objectives.
- Oral in all the Second Languages would be of 10 marks both in 5th Unit Test and Summative Evaluation / Annual Examination.
- The written examination for 3rd Unit Test in all Second Languages will be held on 20 marks.
- Marking in written examination on Summative Evaluation / Annual Examination in all Second Languages would be of 90 marks.
- Oral in all the Second Languages to be taken to test communicative and comprehension skills while Mathematics would be taken as usual as in case of other compulsory subjects.

FOR CLASS X :

- Mathematics-objectives would be of 10 marks instead of 15 marks in the 2nd Unit Test.
- Oral in Mathematics for 10 marks would be taken in the 2nd Unit Test and Test Examination.
- The written examination for 2nd Unit Test in Mathematics will be held on 50 marks including 10 marks in Mathematics-objectives
- The written examination in Mathematics for Test Examination will be held on 90 marks including 20 marks in Mathematics-objectives.
- Oral in all Second Languages of 10 marks would be taken in the 2nd Unit Test and Test Examination.
- The written examination for 2nd Unit Test in all Second Languages will be held on 50 marks.
- The written examinations in all Second Languages for Test Examination will be held on 90 marks.

- (h) Oral in all Second Languages to be taken to test communicative and comprehension skills while Mathematics would be taken as usual as in case of other compulsory subjects.

Accordingly, the written examinations in Madhyamik Pariksha (Secondary Examination) in all compulsory subjects will be held on 90 marks including 02 papers each of 90 marks for all First Languages.

Marks distribution according to new syllabus

SUBJECT : MATHEMATICS

Questions and Marks Distribution :

The entire question paper will consist of two sections. In part I, there will be two questions.

Part 1

Q1. SIX (06) very short questions are there each carrying one mark. Topicwise distribution of questions and their respective marks are as follows:

Subject	No. of Questions	Mark for each question	Total marks
(a) Arithmetic	1	1	1
(b) Algebra	3	1	3
(c) Geometry	—	—	—
(d) Mensuration	1	1	1
(e) Trigonometry	1	1	1
Total	6		6

There would be no alternative questions i.e. all questions are compulsory.

Q2. There would be 7 short-type questions of 2 marks each. Subjectwise distribution of questions and their respective marks are as follows :

Subject	No. of Questions	Mark for each question	Total marks
(a) Arithmetic	1	2	2
(b) Algebra	3	2	6
(c) Geometry	2	2	4
(d) Mensuration	—	—	—
(e) Trigonometry	1	2	2
Total	7		14

Part II

In this section, ordinarily subjective questions on different topics will be set.

(A) Arithmetic

Q3. There will be four different questions, out of which any two questions will be required to be answered. Each question carries 5 marks. [Total marks $5 \times 2 = 10$]
[Algebraic method may be used]

(B) Algebra

Q4. **Factorisation** : any one

or

H.C.F. / L.C.M.

[4 marks]

Q5. **Solution of equation** : one out of two, one problem will be set from quadratic equations and the other from linear simultaneous equations. [Total marks $3 \times 1 = 3$]

Q6. **Formation of equation and solution** : Two problems will be set out of which one is to be answered.

Only one problem will be taken from quadratic equation.

[Total marks $4 \times 1 = 4$]

Q7. **Graph** : one out of two, one problem will be from graphs of equations and the other from graphs of inequations. [Marks $5 \times 1 = 5$]

Q8. One to be answered out of two : one sum from the **surds**, the other from “**simplification type**” by using algebraic formula. [Marks 3×1=3]

Q9. One problem out of two, one problem will be set from “**Ratio & Proportion**” and the other from “**Principle of Variation**”. [Marks 3×1=3]

(C) Geometry

Q10. {(a) or (b)} Two theorems from the syllabus of class IX will be set, out of which one is to be attempted

{(c) or (d)} Two theorems from class X will be set, out of which one is to be attempted.

[Marks 5×2=10]

Q11. Simple application of theorems from Geometry : Out of two questions [one from class IX and one from class X], one is to be attempted. [Marks 3×1=3]

Q12. From two geometrical constructions one is to be attempted [one problem from class IX, one from X][only traces of construction will be insisted upon] [Marks 3×1=3]

(D) Mensuration

Q13. Out of four problems (one from class IX syllabus, three from class X) two are to be attempted. [Marks 4×2=8]

(E) Trigonometry

Q14. Two questions are to be attempted out of four [At least one question is to be set from each chapter of the book except Height and Distance] [Marks 3×2=6]

Q15. One question is to be attempted out of two different problems from Height and Distance based on trigonometric ratios. [Marks 5×1=5]

N.B. : The alternative question is expected to be of equal weight in respect of original question.

Marks Division Topicwise : Written Examination

	No. of questions	Mark for each question	Total marks
(A) Arithmetic			
(1)	1	1	1
(2)	1	2	2
(3)	2	5	10
Total	4		13

	No. of questions	Mark for each question	Total marks
(B) Algebra			
(1)	3	1	3
(2)	3	2	6
(3)	3	3	9
(4)	2	4	8
(5)	1	5	5
Total	12		31

	No. of questions	Mark for each question	Total marks
(C) Geometry			
(1)	2	2	4
(2)	1	3	3
(3)	2	5	10
(4)	1	6	6
Total	6		23

	No. of questions	Mark for each question	Total marks
(D) Mensuration			
(1)	1	1	1
(2)	2	4	8
Total	3		9

	No. of questions	Mark for each question	Total marks
(E) Trigonometry			
(1)	1	1	1
(2)	1	2	2
(3)	2	3	6
(4)	1	5	5
Total	5		14

Number of questions markwise :

		Total Marks
(i)	Number of questions bearing one mark	6 (no alternative) 6
(ii)	Number of questions bearing two marks	7 (no alternative) 14
(iii)	Number of questions bearing three marks	6 (seven alternatives) 18
(iv)	Number of questions bearing four marks	4 (four alternatives) 16
(v)	Number of questions bearing five marks	6 (four alternatives) 30
(vi)	Number of questions bearing six marks	1 (one alternative) 6
Grand Total 6	30	90
		Oral - <u>10</u>
		Total 100

[For sightless candidates]

Only descriptions of methods of construction will be required for all answers of the construction-based questions. No construction is required.

SUBJECT : ALL SECOND LANGUAGES

Written

Reading Seen -	20
Reading Unseen -	20
Writing (12+10+8) -	30
Vocabulary -	08
Grammar -	12
Total	90

Further to state that other relevant information (if there be any) would be sent to all schools later on.

Yours sincerely,

S. K. Sanyal

Secretary

West Bengal Board of Secondary Education

Memo No. : S/161/1-15

Date : 30.07.08

Copy forwarded to :

1. The Principal Secretary, School Education Department, Govt. of West Bengal, Bikash Bhavan, 7th Floor, Salt Lake City, Kolkata-91
2. The Director of School Education, Govt. of West Bengal, Bikash Bhavan, 7th Floor, Salt Lake City, Kolkata-91 with a request to instruct the D.I.'s (S.E.) for circulation to all schools.
3. The Private Secretary to the Hon'ble Minister-in-Charge (Primary & Secondary Education), Govt. of West Bengal, Bikash Bhawan, 5th Floor, Salt Lake, Kolkata - 91
4. The Director, State Council of Educational Research and Training (S.C.E.R.T.), 25/3 Ballygunge Circular Road, Kolkata-19
5. The Secretary, West Bengal Council of Higher Secondary Education, Vidyasagar Bhavan, Salt Lake City, Kolkata-91
6. The Secretary, West Bengal Board of Primary Education, Acharya Prafulla Chandra Bhavan, Salt Lake, Kolkata-91
7. The Secretary, West Bengal Board of Madrasah Education, 19 Hazi Md. Mohasin Square, Kolkata-700 016
8. The Executive Officer, Education Department, D.G.H.C., P.O. & Dist: Darjeeling
9. All recognized Teachers' & Employees' Organizations including Government School Teachers' Association
10. Employees' Associations of the Board
11. Paschim Banga Vidyalaya Paridarshak Samity
12. Parshad Barta for circulation of the aforesaid matters in its immediately ensuing issue
13. All Members of WBBSE
14. All the Deputy Secretaries, WBBSE
15. The Regional Officer (Medinipur, Bardhaman, North Bengal & Kolkata), WBBSE

Sukumar

Secretary
West Bengal Board of Secondary Education