

MIZORAM BOARD OF SCHOOL EDUCATION
AIZAWL : 796 012

Dated Aizawl, the 10th July, 2019

NOTIFICATION

No. J.11019/1/2018-MBSE(Acad)/5 : In partial modification of the Notification issued by this office vide No. J.11019/1/2018-MBSE(Acad)/1 Dated Aizawl, 2nd April, 2019, it is notified for the information of all concerned that the Scheme of Examinations and Question Design for Mathematics for Classes IX and X shall include "6. Scheme of section" along with "Notes regarding theorem" as appended in Annexure – I.

The material is also accessible on the Board's official website www.mbse.edu.in.

Sd/-LALTHANGBIKA
Secretary
Mizoram Board of School Education

Memo No. No. J.11019/1/2018-MBSE(Acad)/5(A) : Dated Aziawl, the 10th July, 2019
Copy to :

1. The Commissioner & Secretary to Govt. of Mizoram, School Education Department and Controlling Authority of the MBSE, Aizawl.
2. The Director of School Education, Govt. of Mizoram, for information.
3. The Principal, Institute of Advanced Study in Education, Aizawl, for information.
4. All Branch Heads, MBSE.
5. Regional Officer, MBSE Regional Office, Lunglei.
6. All District Education Officers, Mizoram, for information.
7. All affiliated High Schools under the MBSE.
8. All Officers, MBSE.
- ✓ 9. System Administrator, MBSE, for uploading in the official website.
10. All others concerned.
11. Guard File I.


(LALRINMAWIA RALTE)
Senior Academic Officer – I
Mizoram Board of School Education

Mathematics Class IX

6. Scheme of Section :

There shall be no section.

Note :

Theorem shall be asked from any of the following theorems only:

- (a) If a transversal intersects two parallel lines then alternate angles of each pair of interior angles are equal.
- (b) If a transversal intersects two parallel lines then each pair of consecutive interior angles are supplementary.
- (c) The angles opposite to two equal sides of a triangle are equal.
- (d) The medians of a triangle pass through the same point which divides each of the medians in the ratio 2:1
- (e) The line segment joining the mid-points of any two sides of a triangle is parallel to the third side and is half of it.
- (f) The sum of any two sides of a triangle is greater than its third side.
- (g) Parallelograms on the same base and between the same parallels are equal in area.
- (h) Equal chords of a circle subtend equal angles at the centre.
- (i) Equal chords of a circle are equidistant from the centre.

Mathematics Class X


6. Scheme of Section :


There shall be no section.

Note :

Theorem shall be asked from any of the following theorems only :

- (a) Basic Proportionality Theorem or Thales Theorem.
- (b) Pythagoras Theorem.
- (c) Results on Angles Subtended by Arcs :
 - (i) The angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle.
 - (ii) The angle in a semicircle is a right angle.
 - (iii) Angles in the same segment of a circle are equal.
- (d) The opposite angles of a cyclic quadrilateral are supplementary.
- (e) The lengths of tangents drawn from an external point to a circle are equal.
- (f) Segment Theorem.
- (g) Alternate Segment Theorem.


(LALRINMAWIA RALTE)
Senior Academic Officer – I

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