



Assessment Structure CBSE-i

Assessment in classes VI-X

- The schools will conduct the Summative Assessment I and II of Classes VI-IX and Summative Assessment I of Class X. The Board will conduct the Summative Assessment II at the end of Grade X.
- For classes VI-X under CBSE-i, the assessment of subjects under Scholastic Area shall be in numerical scores to be converted to Grades on a nine-point scale which shall be indicated in the Statement of Subject-wise Performance of School-Based Assessment for classes VI-IX and for board based exam for class X.
- Assessment in subjects under Co-Scholastic Areas shall also be in grades.
- The qualifying grade in each subject under Scholastic Area shall be minimum Grade D.
- The students shall be assessed in subjects under Scholastic Area using the conventional numerical marking and later converted into the grades and the same shall be awarded as under:

GRADING SYSTEM

Marks Range	Grade	Grade point
91 -100	A1	10.0
81 - 90	A2	9.0
71 - 80	B1	8.0
61 - 70	B2	7.0
51 - 60	C1	6.0
41 - 50	C2	5.0
33 - 40	D	4.0
21 - 32	E1	--
20 and Below	E2	--

- Cumulative Grade Point Average (CGPA) shall also be reflected in the Statement of Subject wise Performance.
- Cumulative Grade Point Average (CGPA) is the average of Grade Points obtained in all the subjects. Subject wise and overall indicative percentage of marks can be assessed as under:
 - Subject wise indicative percentage of marks = $9.5 \times GP$ of the subject.
 - Overall indicative percentage of marks = $9.5 \times CGPA$

Evaluation of Scholastic aspects

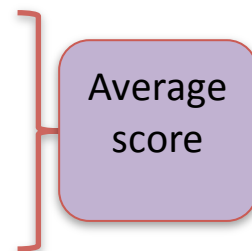
Evaluation of academic subjects in classes VI to X. For this, six assessments (four formatives + two summative) are proposed:

Type of assessment	Percentage of weighting in academic session	Month	Term wise weightage
First Term			
Formative Assessment-1	10%	April-May	FA1+FA2=20%
Formative Assessment-2	10%	July-August	
Summative Assessment-1	30%	September	SA1=30%
Second Term			
Formative Assessment-3	10%	October-November	FA3+FA4=20%
Formative Assessment-4	10%	January-February	
Summative Assessment-2	30%	March	SA2=30%
Total: Formative Assessments (FA) = FA1+ FA2 + FA3 +FA4 = 40% Summative Assessments (SA)= SA1+ SA2 = 60%			

Components of a Formative Assessment

- Each Formative assessment should include:

- Two Individual Activity (Recitation, Experiments, Debate)**
- One Group Activity (Projects, Role Plays, Group Discussion, Surveys)**
- Written Assessment**



- Activities to include variety of activities such as quiz, debate, projects, theatre etc.
- Activities should include one group activity per assessment.
- One Multidisciplinary/interdisciplinary group project should be assigned to students in each term to be done in class under the direct supervision.
- For Assessment purposes the average score of all activities will be taken and the final FA will be calculated as the average of the two individual activity, a group activity and the written assessment**

Guidelines for Summative paper:

- The term-end or the summative paper can be of maximum 100 marks.
- The chapter/topics covered through the formative assessments should not be extensively examined in the summative exam. For example if there are total 8 units being covered in the entire session, out of which 3 are being done in term 1 and 4 towards term 2 then, assessment structure shall be:

Assessment	Portion to be covered
FA 1	Unit 1
FA 2	Unit 2
SA 1	Unit 3 & 4 (80%) Units 1 & 2 (20%)
FA 3	Unit 5
FA 4	Unit 6
SA 2	Unit 7 & 8 (80%) Units 5 & 6 (20%)

The board will conduct the SA II for class X. The syllabus for the same will be communicated through the curriculum document or circulars.

The following points should be noted:

- There are two formative assessments each in the first and second term.
- Each formative assessment is again divided into smaller classroom based activities which are primarily remedial but also being counted towards assessment for bringing in standardisation across diverse school systems, as mentioned above in '*Components of a Formative Assessment*'.
- Detailed and objective feedback is to be provided for all formal paper pencil formative assessments tests.
- Feedback and follow-up of feedback is essential to identify the extent to which the learning gaps are covered, so that further remediation can be planned.
- The tasks which need much work outside the school and class hours may not be ideal for formative assessments.
- The Group activity **MUST** be conducted entirely under the supervision of the teacher, where s/he acts as the facilitator. It need not be given as homework.
- Group activities (Projects) should to be Interdisciplinary.

Calculation of grades towards classes VI-X

Term 1

Assessment	FA1				Total	FA2				Total	SA 1	Total	T 1
Component Activities	Act. 1	Act. 2	Gp. Act	Wr Test	FA 1 10%	Act. 1	Act. 2	Gp. Act	Wr Test	FA 2 10%	30%	FA+SA 50%	Grade
M. Marks Allotted	10	10	10	20	50	10	10	10	20	50	100	(Tot.1 + Tot. 2) + SA 1 score	
Multiply the marks scored by-					(Tot. FA 1) * 0.2					(Tot. FA 2) * 0.2	Total SA1 * 0.3		

Assessment	FA1				Total	FA2				Total	SA 1	Total	T 1
Component Activities	Act. 1	Act. 2	Gp. Act	Wr Test	FA 1 10%	Act. 1	Act. 2	Gp. Act	Wr Test	FA 2 10%	30%	FA+SA 50%	Grade
M. Marks Allotted	10	10	10	20	50	10	10	10	20	50	100	(Tot.1 + Tot. 2) + SA 1 score	
Multiply the marks scored by-					Tot. 1 (0.2)					Tot. 1 (0.2)	0.3		
Marks Scored	8	6	8	16	38	6	7	8	15	36	88	162/200	
Final Score					7.6					7.2	26.4	41.2	A

Term 2

Assessment	FA3				Total	FA4				Total	SA 2	Total	T 2
Component Activities	Act. 1	Act. 2	Gp. Act	Wr Test	FA 3 10%	Act. 1	Act. 2	Gp. Act	Wr Test	FA 4 10%	30%	FA+SA 50%	Grade
M. Marks Allotted	10	10	10	20	50	10	10	10	20	50	100	(Tot.1 + Tot. 2) + SA 1 score	
Multiply the marks scored by-					(Tot. FA 1) * 0.2					(Tot. FA 2) * 0.2	Total SA1 * 0.3		

Assessment	FA3				Total	FA4				Total	SA 2	Total	T 2
Component Activities	Act. 1	Act. 2	Gp. Act	Wr Test	FA 3 10%	Act. 1	Act. 2	Gp. Act	Wr Test	FA 4 10%	30%	FA+SA 50%	Grade
M. Marks Allotted	10	10	10	20	50	10	10	10	20	50	100	(Tot.1 + Tot. 2) + SA 1 score	
Multiply the marks scored by-					Tot. 1 (0.2)					Tot. 1 (0.2)	0.3		
Marks Scored	6	7	8	16	37	8	9	8	16	41	94	172/200	
Final Score					7.4					8.2	28.2	43.8	A

Note: The total of FA+SA towards term end will be multiplied by 2 for calculating the final grade for that term as calculation is out of 50% of entire assessment eg: in this case 43.8 corresponds to 87.6 which falls in the 80-100 range of the grades

Final Year-end Score

Assessment	FA 1	FA 2	SA 1	Total T 1	FA 3	FA 4	SA 2	Total T 2	Final Score T1+T2	Final Grade T1+T2
Weightage	10%	10%	30%	50%	10%	10%	30%	50%	100%	
Raw Score	38	36	88	162	37	41	94	172		
Multiply the marks scored by	0.2	0.2	0.3		0.2	0.2	0.3			
Value towards final calculation	7.6	7.2	26.4	41.2	7.4	8.2	28.2	43.8	83.7	A

CBSE-i - Performance Analysis Test (PAT)

- The CBSE-i Performance Analysis Test (PAT) is a benchmark in testing of skills, application and abilities of the students in given disciplines and domains. It is a test to know how well a student has comprehended the facts, concepts, principles and ways of learning of the subject.
- The core testing elements of the test include observing, comparing, classifying, solving, translating, interpreting, analyzing, synthesizing, creating/composing, deducing, justifying and judging/evaluating. The CBSE-i PAT is intended to provide an international quality analysis of the level of proficiencies attained by the students.
- Such a test in language may assess a student's skills in vocabulary, reading, comprehension or accuracy. Similarly, a test in Science may focus on assessing students' ability to apply concepts and principles to analyze new situations and solve problem and skills of devising and conducting experiments etc. and a test in Mathematics may assess problems solving abilities and skills of mathematical thinking, procedures and mathematical reasoning of the students etc.

The CBSE conducts CBSE-i PAT to

- provide a validated test to moderate the School Based Assessment, Formative and Summative Assessments.
- assess higher order/skills and levels of proficiency in individual subject. broadly base their assessment on learning outcomes.
- provide a descriptive analysis of individual performance for each learner.

Important

- This test is an addition to the School Based Assessment (SBA) conducted by the respective schools and would be compulsory for all the learners. This test is also over and above the SA-II for class X which will be conducted by the Board.
- PAT will be compulsory for the students of classes IX, X and XI
- CBSE-i PAT is conducted in the subjects of English, Mathematics, Science, and Social Science.
- CBSE-i PAT is not a qualifying test.

Parameters of the Test

The CBSE-i PAT is a non qualifying online test which may be used as a quality control device.

1. It will be largely content independent but based on classes IX-X-XI syllabus in the subject with reference to the broad learning objectives.
2. There will be separate tests in each of the main subjects viz English, Social Science, Mathematics and Science.
3. This will be an online test which will be offered over a period of one week.

4. At a time 30 students can take the on-line test. Each student will get a unique question paper consisting of 50 questions of MCQ type.
5. The test will be carried out through a battery of 50 multiple choice questions in each discipline/ domain of learning.
6. The MCQs will cover a wide range of thinking skills of the learners and hence would not be restricted to textual learning.
7. The MCQs will cover verbal, non-verbal, numerical, graphical and visual questions.
8. The MCQs will test the aptitude, attitude and different ability levels of the learners.
9. The students will be required to respond by making appropriate choice for the right answer for each question.
10. The normal duration for the test will be 90-120 minutes for each subject as may be decided by the Board.
11. All MCQs have to be responded only through digital medium.
12. The MCQs will be available only in English Medium.