

FISM Syllabus-2083

Class: X

Subject:-Compulsory Mathematics

First Formative Assessment

Teaching period -62 days

Chapter

❖ Sets-	-2 questions	-12 marks
❖ Compound interest	-2 questions	-9 marks
❖ Mensuration(I) Pyramid/Cone	-3 questions	-13 marks
❖ Sequence and Series	-2 questions	-8 marks
❖ Quadratic equation	-2 question	-8 marks
❖ Area of triangle and quadrilateral.	-3 questions	-13 marks
❖ Statistics.	-2 questions	-12 marks

Second Formative Assessment

Teaching period-59 Days

Chapter

❖ Sets	- 1 question	-6 marks
❖ Compound interest	-1 question	-5 marks
❖ Mensuration(I) Pyramid/Cone	-1 question	-4 marks
❖ Sequence and Series	-1 question	-4 marks
❖ Quadratic equation	-1 question	-5 marks
❖ Area of triangle and quadrilateral.	-2 question	-9 marks
❖ Statistics.	-2 question	-12 marks
❖ Rational Expression	-1 questions	-5 marks
❖ Exponential Equation	-1 question	-4 marks
❖ Population Growth and Depreciation.	-1 question	-4 marks
❖ Currency and money exchange	-1 question	-4 marks
❖ Construction	-1 question	-4 marks
❖ Mensuration(II) Combined Solid/Cost estimation.	2 question	-9 marks

Third Formative Assessment:

Chapter

Teaching period-37 Days

- ❖ Circle (Geometry)
- ❖ **Probability**
- ❖ **Trigonometry**

Question pattern:
According to CDC model Questions

FISM Syllabus-2083

Class: IX

Subject:-Compulsory Mathematics

First Formative Assessment

Teaching period- 62 days

Chapter

-Set	-2 questions	-12 marks
-Taxation	-2 questions	-10marks
-Factorization of algebraic Expression	-2 question	-9 marks
-HCF and LCM	-2 questions	-6 marks
-Mensuration (I) Area	-3 questions	-13 marks
-Geometry (Triangle)	-3 questions	-13 marks
- Statistics (all)	-2 questions	-12 marks

Second Formative Assessment:

Teaching period-59 days

Chapter

-Set	-1 questions	-6 marks
-Taxation	-1 questions	-5 marks
-Factorization of algebraic Expression	-1 question	-4 marks
-HCF and LCM	-1 questions	-6 marks
-Mensuration (I) Area	-2 questions	-9 marks
- Geometry (Triangle)	-1questions	-4marks
- Statistics (all)	-2 questions	-12 marks
- Commission, Bonus and dividend	-2 questions	-8 marks
- Indices	-1 questions	-3 marks
-Sequence and series	-1 questions	-5 marks
-Mensuration (II) Prism	-1 questions	-4 marks
- Parallelogram	-1 questions	-5 marks
- Construction	-1 questions	-4 marks

Third Formative Assessment:

Teaching period -37 days

Chapter

-Set	-1 questions	-6 marks
-Taxation	-1 questions	-5 marks
-HCF and LCM	-1 questions	-6 marks
-Mensuration (I) Area	-1 questions	-4 marks
- Geometry (Triangle)	-1question	-4marks
- Statistics (all)	-1 questions	-6 marks
- Commission, Bonus and dividend	-1 questions	-4 marks
- Indices	-1 questions	-3 marks
-Sequence and series	-1 questions	-5 marks
-Mensuration (II) Prism	-1 questions	-4 marks
- Parallelogram	-1 questions	-5 marks
- Construction	-1 questions	-4 marks
-House hold Arithmetic	-1 question	-4marks
- Mensuration (II) Cylinder and sphere	-1 question	-5 marks
-Simultaneous linear equation	-1 question	-5 marks

Annual Examination :

Teaching period-23 days

Chapter

-Remaining all

Question pattern

According to CDC model Questions

FISM Syllabus-2083

Class: VIII

Subject:-Compulsory Mathematics

First Formative Assessment

Teaching period -62days

Chapter

-Set	-2 questions	6 marks
-Number system of different bases	-2 question	8 marks
-Real numbers	-2 questions	10 marks
-Ratio and Proportion	-1 questions	6 marks
-Algebraic Expression	-2 questions	9 marks
-Geometry (Angles)	- 1questions	5 marks
- Geometry (Triangles)	-2 questions	6 marks

Second Formative Assessment:

Teaching period-59 days

Chapter

-Set	-1 question	3 marks
-Number system of different bases and Real numbers	-1 question	7 marks
-Ratio and Proportion	-1 questions	3 marks
-Laws of Indices	-1 questions	4 marks
-Algebraic Expression	-1 questions	4 marks
-Geometry (Angles/Triangles)	- 1questions	6 marks
-Laws of Indices	-1 questions	3 marks
-Unitary Method	- 1questions	4 marks
-Simple Interest	- 1questions	4 marks
-Profit and Loss	- 1questions	4 marks
-Rational Expressions	- 1questions	4 marks
-Geometry (Quadrilateral)	- 1questions	4 marks

Third Formative Assessment:

Teaching period -37 days

Chapter

-Set	-1 question	3 marks
- Number system of different bases and Real numbers	-2 question	7 marks
-Ratio and Proportion	-1 questions	3 marks
-Algebraic Expression	-1 questions	4 marks
-Geometry	- 2questions	10 marks
-Laws of Indices	- 1questions	4 marks
- Rational Expressions	-1 questions	4 marks
-Unitary Method	- 1questions	3 marks
-Profit and Loss/Simple Interest	- 1questions	5 marks
-Statistics	- 1questions	3 marks
-Area and volume	- 1questions	4 marks

Annual Examination:

Teaching period-23 Days

Chapter

- Remaining all

Question pattern

According to CDC model Questions

FISM Syllabus-2083

Class: VII

Subject:- Compulsory Mathematics

First Formative Assessment

Teaching period -62 days

Chapter

-Set	-2 questions	6 marks
-Operation of whole numbers	-2 questions	10 marks
-Integers	-2 questions	9 marks
-Rational numbers	-1 questions	5 marks
-Laws of Indices	-1 questions	5 marks
-Algebraic Expression	-2 questions	5 marks
-lines and angles(Geometry)	-2 questions	10 marks

Second Formative Assessment:

Teaching period-59 days

Chapters:

-Set	-1 questions	3 marks
-Operation of whole numbers	-2 questions	7 marks
-Integers	-1 questions	5 marks
-Rational numbers	-1 questions	5 marks
-Laws of Indices /Algebraic Expression	-1 questions	8 marks
-lines and angles (Geometry)	-1 questions	4 marks
-Perimeter, Area and Volume	-1 questions	4 marks
-Unitary Method/Ratio and Proportion	-1 questions	5 marks
-Fraction and Decimal	-1 questions	3 marks
-Plane figures	-1 questions	3 marks
-Statistics	-1 questions	3 marks

Third Formative Assessment:

Teaching period -37days

Chapter

-Set	-1 questions	3 marks
-Operation of whole numbers /Integers	-2 questions	8 marks
-Rational numbers/Fraction and Decimal	-1 questions	5 marks
-Laws of Indices /Algebraic Expression	-1 questions	5 marks
-lines and angles (Geometry)	-1 questions	5 marks
-Perimeter, Area and Volume	-1 questions	4 marks
-Unitary Method/Ratio and Proportion	-1 questions	5 marks
-Plane figures/Congruent figures	-1 questions	4 marks
-Statistics	-1 questions	3 marks
-Profit and Loss	-1 questions	3 marks
-Equation, inequality and graph/Coordinates	-1 questions	5 marks

Annual Examination

Teaching periods 23 Days

Chapters

-Remaining all

Question pattern

1. 1st Formative Assessment - 100%
2. 2nd Formative Assessment - 1st formative Ass. 40 % + 2nd formative Ass. 60%
3. 3rd Formative Assessment – 1st formative Ass. 20%+2nd formative Ass. 20%+3rd formative Ass. 60%
4. Annual examination – 1st formative Ass. 20%+2nd formative Ass. 20%+3rd formative Ass. 20%+Annual 40%

FISM Syllabus-2083

Class: VI (Six)

Subject:-Compulsory Mathematics

First Formative Assessment

Teaching period -62 days

Chapter

- Set	-2 questions	6 marks
-Operation on Whole Numbers	-2 questions	8 marks
-Properties of whole numbers	-2 questions	8 marks
-Integers	-2 questions	10 marks
- Algebraic expressions	-2 questions	8 marks
-Point and line/Angles (Geometry)	-2 questions	10marks

Second Formative Assessment:

Teaching period-59 days

Chapter

- Set	-1 questions	3 marks
-Operation on Whole Numbers	-1 questions	4 marks
-Properties of whole numbers	-1 questions	4 marks
-Integers	-1 questions	6 marks
- Algebraic expressions	-2 questions	6 marks
-Point and line/Angles (Geometry)	-2 questions	10marks
-Fraction	-1 questions	5marks
-Decimal	-1 questions	5marks
-Percentage/Unitary Method	-2 questions	7 marks

Third Formative Assessment:

Teaching period -37 days

Chapter

- Set	-1 questions	3 marks
-Operation on Whole Numbers	-1 questions	4 marks
-Properties of whole numbers	-1 questions	4 marks
-Integers	-1 questions	4 marks
- Algebraic expressions	-1 questions	5 marks
-Point and line/Angles (Geometry)	-2 questions	10marks
-Fraction/Decimal	-1 questions	4marks
-Percentage/Unitary Method	-1 questions	5 marks
-Profit and Loss	-1 questions	3 marks
-Perimeter, Area and Volume	-1 questions	4 marks
-Equation inequality and graph	-1 questions	4 marks

Annual Examination:

Teaching Period-23days

Chapters:

-Remaining all

Question pattern

5. 1st Formative Assessment - 100%

6. 2nd Formative Assessment - 1st formative Ass. 40 % + 2nd formative Ass. 60%

7. 3rd Formative Assessment – 1st formative Ass. 20%+2nd formative Ass. 20%+3rd formative Ass. 60%

8. Annual examination – 1st formative Ass. 20% + 2ndformative Ass. 20%+3rd formative Ass. 20%+Annual 40%
