

ST. VINCENT'S CONVENT SR. SEC. SCHOOL
SYLLABUS-2026-27
STD - IX

SUB: COMPUTER

Book Prescribed: Understanding Computer Applications with BlueJ by APC Publication

1ST UNIT TEST

3. Identifiers and Literals

HALF YEARLY

- 1. Introduction to Object Oriented Programming Concepts
 - 4. Operators in Java
 - 5. Basic structure of a class in java
 - 6. Data processing in Java
 - 8. Conditional statements in Java
- Portion: 1,3,4,5,6,8

2nd UNIT TEST

7. Mathematical Library Methods

ANNUAL

- 2. Elementary Concept of Objects and Classes
- 9. Looping / Iterative statements in Java
- 10. Nested for loops

Portion: Full Book

Project: (On the respective school's wish)

11. Computing and Ethics (Not included in syllabus for examination)

MORAL SCIENCE

Half-Yearly Examination - Chapter 1 to 5

[F.M. 25]

Final Examination – Chapter 6 to 10

[F.M. 25]

English Language

First Unit Test

A Comprehensive Grammar of Current English

Chapter 21. Tenses and their uses

Chapter 15. Active and passive voice

Notice, Email

Total English- Chapters 1 ,2 ,3

Blue Print

1) Notice & Email. (5+5= 10)

2) Tenses. (1x 5=5)

3) Active & Passive voice (1x 5=5)

4) Articles (1x 5=5)

Half Yearly Exam

A Comprehensive Grammar of Current English

Chapter 21. Tenses and their uses

Chapter 15. Active and passive voice

Chapter 45. Direct and indirect speech

Chapter 43. Synthesis of sentences

Chapter 50. Subject Verb agreement.

Letters (Formal and Informal)

Notice & E mail

Comprehension passage

Composition

Total English – Chapters 1, 2, 3, 4, 5 ,6 ,7

Blue Print

Attempt All Question

QUESTION NUMBER	TYPE OF QUESTION	MARKS	DETAILS
QUESTION 01	COMPOSITION	20	Choose one out of five topics[Descriptive/Narrative/Argumentative/Story Writing/Reflective or Picture Composition]Word Limit: Around 300–350 words
QUESTION 02	LETTER WRITING (FORMAL OR INFORMAL)	10	Choice between formal and informal letter Format, tone, and clarity are important Word Limit: Around 120-150 words.
QUESTION 03	NOTICE & EMAIL WRITING	5+5=10	Write a Notice (5 marks): Clear, concise, structured Write a formal Email (5 marks) related to the notice Word Limit: Notice 50 words & Email Around 120-150 words.
QUESTION 04	COMPREHENSION PASSAGE	3+9+8=20	Unseen passage (usually narrative or descriptive) a) Vocabulary (phrases/synonyms/antonyms)MCQ [1x3=3] b) Question content [5-6 Questions] [2+2+1+2+2=9] c) Precis Writing [8 marks & Word limit: 50 words]
QUESTION 05	GRAMMAR [FUNCTIONAL GRAMMAR]	4+4+4+8=20	a) Tenses -[05.x8=4] (Fill in the blanks in passage from)b) Prepositions - [0.5x 8=4]c) Conjunction - MCQ [1x 4=4]d) Do as directed [1x8=8] (Transformation of Sentences)

Second unit

A Comprehensive Grammar of Current English

Chapter 11. Comparison of adjectives

Total English – Chapters 8, 9, 10, 11

Letter Writing

Blue Print

1. Letter. (5+5=10)

2. Degrees of Comparison (1x5=5)

3. Sequence of Tenses and Adverbs (1x5=5)

4. Subject Verb Agreement (1x5=5)

Annual Exam

A Comprehensive Grammar of Current English

Chapter 11. Comparison of adjectives

Chapter 41. Transformation of sentences

Letters (Formal and Informal)

Notice, E mail

Comprehension passage

Composition

Total English – Chapters 8,9, 10, 11, 12, 13,14 ,15

Blue Print

Attempt All Question			
QUESTION NUMBER	TYPE OF QUESTION	MARKS	DETAILS
QUESTION 01	COMPOSITION	20	Choose one out of five topics[Descriptive/Narrative/Argumentative/Story Writing/Reflective or Picture Composition]Word Limit: Around 300–350 words
QUESTION 02	LETTER WRITING (FORMAL OR INFORMAL)	10	Choice between formal and informal letter Format, tone, and clarity are important Word Limit: Around 120-150 words.
QUESTION 03	NOTICE & EMAIL WRITING	5+5=10	Write a Notice (5 marks): Clear, concise, structured Write a formal Email (5 marks) related to the notice Word Limit: Notice 50 words & Email Around 120-150 words.
QUESTION 04	COMPREHENSION PASSAGE	3+9+8=20	Unseen passage (usually narrative or descriptive) a) Vocabulary (phrases/synonyms/antonyms) MCQ [1x3=3] b) Question

			content [5-6 Questions] [2+2+1+2+2=9] c) Precis Writing [8 marks & Word limit: 50 words]
QUESTION 05	GRAMMAR [FUNCTIONAL GRAMMAR]	4+4+4+8= 20	a) Tenses -[05.x8=4] (Fill in the blanks in passage from)b) Prepositions - [0.5x 8=4]c) Conjunction - MCQ [1x 4=4]d) Do as directed [1x8=8] (Transformation of Sentences)

English Literature

Unit Test 1.

Drama: Julius Caesar

Act 1- sc1

Prose (short stories)

2. Oliver asks for more

Poetry: 2. Skimbleshanks , The railway cat

Blue Print

First Unit Test

Question 01

MCQ (1x5=5)

Question 02 (20)

Reference to Context (Attempt any two extract)

Each extract contains 5 questions each of 2 marks (2x5=10)

Half Yearly Exam

Drama : Julius Caesar:

Act 1

Prose: (short stories):

1. BonkuBabu's friend

2. Oliver asks for more

3. The Model millionaire

Poetry: 1.The work of Artifice

2. Skimblehanks , The railway cat
3. I remember I remember

Blue Print

Attempt Five Questions Section A (COMPULSORY)

Section B, C, D - ANY FOUR

SECTION	TYPE OF QUESTION	QUESTION NUMBER	NUMBER OF QUESTION AND SUBQUESTION	MARK ALLOTTED	WEIGHTAGE
Section A	MCQ	QUESTION 01	16 SUB QUESTIONS DRAMA-6 Q POETRY -5Q PROSE - 5Q	1 x 16=16 [6+5+5]	16
Section B	DRAMA: JULIUS CAESAR BYWILLIAM SHAKESPEARE	QUESTION 02 & 03	4 SUB QUESTIONS 1 SUB QUESTION [EACH EXTRACT]	3 Marks Each 4 Marks [3+3+3+4=16]	16 x 2=32
Section C	PROSE : TREASURE CHEST A collection of ICSE of poems short stories	QUESTION 04 & 05	4 SUB QUESTIONS 1 SUB QUESTION[EACH EXTRACT]	3 Marks Each 4 Marks [3+3+3+4=16]	16 x 2=32
Section D	POETRY : TREASURE CHEST A collection of ICSE of poems short stories	QUESTION 06 & 07	4 SUB QUESTIONS 1 SUB QUESTION[EACH EXTRACT]	3 Marks Each 4 Marks [3+3+3+4=16]	16 x 2=32

Unit Test 2

Drama : Julius Caesar

Act 2 scene 1

Prose: (short stories)

4. Home coming

Poetry: 4.A Doctor's Journal Entry for August 6,1945

Question 01

MCQ (1x5=5)

Question 02 (20)

Reference to Context (Attempt any two extract)

Each extract contains 5 questions each of 2 marks (2x5=10)

Annual Examination:

Drama: Julius Caesar

Act 1, Act 2

Prose: short stories

1. BonkuBabu's friend
2. Oliver asks for more
3. The Model millionaire
4. Home coming
5. The boy who broke the bank

Poetry: 1. The work of Artifice

2. Skimbleshanks, The railway cat
3. I remember I remember
4. A Doctor's Journal Entry for August 6,1945
5. The Night Mail

Blue Print

Attempt Five Questions Section A (COMPULSORY)

Section B, C, D - ANY FOUR

SECTION	TYPE OF QUESTION	QUESTION NUMBER	NUMBER OF QUESTION AND SUBQUESTION	MARK ALLOTTED	WEIGHT AGE
Section A	MCQ	QUESTION 01	16 SUB QUESTIONS DRAMA-6 Q	1 x 16=16 [6+5+5]	16

			POETRY -5Q PROSE - 5Q		
Section B	DRAMA: JULIUS CAESAR BY WILLIAM SHAKESPEARE	QUESTION 02 & 03	4 SUB QUESTIONS 1 SUB QUESTION [EACH EXTRACT]	3 Marks Each 4 Marks [3+3+3+3+4=16]	16 x 2=32
Section C	PROSE : TREASURE CHEST A collection of ICSE of poems short stories	QUESTION 04 & 05	4 SUB QUESTIONS 1 SUB QUESTION[EACH EXTRACT]	3 Marks Each 4 Marks [3+3+3+3+4=16]	16 x 2=32
Section D	POETRY : TREASURE CHEST A collection of ICSE of poems short stories	QUESTION 06 & 07	4 SUB QUESTIONS 1 SUB QUESTION[EACH EXTRACT]	3 Marks Each 4 Marks [3+3+3+3+4=16]	16 x 2=32

ODIA

1st Unit Test [F.M. 25]

ରୁଜୀ (୧-୧୫୦)

ସମୋଜାରିତ ଶବ୍ଦ (୧୬୬-୧୭୭)

ଏକପଦରେ ପ୍ରକାଶ କର (ସମସ୍ତ)

L-1 ଧୂଳିଆ ବାବା

Blue Print

୧.	ପ୍ରଶ୍ନ ଉତ୍ତର	— ୧୦
୨.	ଦରଖାସ୍ତ/ପତ୍ର	— ୦୭
୩.	ବ୍ୟାକରଣ	— ୦୮
	ମୋଟ	— ୨୫

Half Yearly Exam

[FM. 80]

L-1 ଧୂଳିଆ ବାବା (ଗଦ୍ୟ)

L-2 ଭଦ୍ରଲୋକ (ଗଦ୍ୟ)

L-3 ଶିକାର (ଗଦ୍ୟ)

L-1 ଗାନ୍ଧାରୀର ଆଶିର୍ବାଦ (ପଦ୍ୟ)

L-4 ବନଫୁଲ ଉଦ୍ୟାନ କୁସୁମ (ପଦ୍ୟ)

ବ୍ୟାକରଣ, ଅନେକାର୍ଥବୋଧକ ଶବ୍ଦ (ସମସ୍ତ), ପ୍ରତିଶବ୍ଦ (ସମସ୍ତ), ବିପରୀତ ଶବ୍ଦ (ସମସ୍ତ),

ବାକ୍ୟ ସଞ୍ଚିକରଣ (ସମସ୍ତ)

Blue Print

୧.	ପ୍ରବନ୍ଧ	— ୧୫
୨.	ଦରଖାସ୍ତ/ପତ୍ର	— ୦୭
୩.	ଅନୁଛେଦ ଲିଖନ	— ୧୦
୪.	ବ୍ୟାକରଣ	— ୦୮
୫.	ଗଦ୍ୟ ଓ ପଦ୍ୟ ବିଭାଗରୁ ପ୍ରଶ୍ନ	— ୪୦
ମୋଟ		— ୮୦

2nd Unit Test

[F.M. 25]

ରୂଢ଼ି (୧୫୦-୨୨୨), ସମୋକାରିତ ଶବ୍ଦ (୧୨୮-୧୨୯),

ବିପରୀତ ଶବ୍ଦ (ସମସ୍ତ), ଶୁଦ୍ଧ ଅଶୁଦ୍ଧ (ସମସ୍ତ)

L-2 କାଳିଜାଲ (ପଦ୍ୟ)

Blue Print

୧.	ପ୍ରଶ୍ନ ଉତ୍ତର	— ୧୦
୨.	ଦରଖାସ୍ତ/ପତ୍ର	— ୦୭
୩.	ବ୍ୟାକରଣ	— ୦୮
ମୋଟ		— ୨୫

Annual Exam

[FM. 80]

L-5 ମୁଖାଗ୍ନି (ଗଦ୍ୟ)

L-6 ନୟନପୁର ଏକ୍ସପ୍ରେସ (ଗଦ୍ୟ)

L-2 କାଳିଜାଲ (ପଦ୍ୟ)

L-5 ଗରିବର ଦୁର୍ଗାସ୍ତବ (ପଦ୍ୟ)

L-8 ମଣିକାନ୍ତନ ଯୋଗ (ପଦ୍ୟ)

ବାକ୍ୟ ସଞ୍ଚିକରଣ (ସମସ୍ତ), ଏକପଦରେ ପ୍ରକାଶ କର (ସମସ୍ତ),

ବିପରୀତ ଶବ୍ଦ (ସମସ୍ତ), ରଚିତ (ସମସ୍ତ)

Blue Print

୧.ପ୍ରବନ୍ଧ	– ୧୫
୨.ଦରଖାସ୍ତ/ପତ୍ର	– ୦୭
୩.ଅନୁଛେଦ ଲିଖନ	– ୧୦
୪.ବ୍ୟାକରଣ	– ୦୮
୫.ଗଦ୍ୟ ଓ ପଦ୍ୟ ବିଭାଗରୁ ପ୍ରଶ୍ନ	– ୪୦

ମୋଟ – ୮୦

Hindi

साहित्य सागर

एवरग्रीन पब्लिकेशन

First unit test

पद्य – 1

गद्य -1

सरस हिंदी व्याकरण

व्याकरण-संज्ञा , लिंग , भाववाचक संज्ञा,वचन ,पर्यायवाची, विलोम

Blueprint

प्रश्नों के उत्तर लिखें (16) –

गद्य -8

पद्य -8

व्याकरण (9) –

Half yearly exam

पद्य -1,2,3

गद्य -1,2,3

व्याकरण –कारक , सर्वनाम , विशेषण, पर्यायवाची , विलोम
निबंध , पत्र लेखन

Blueprint

प्रश्न उत्तर (40) –

पद्य (20) –

गद्य (20) –

व्याकरण (40) –

निबंध 15–

पत्र लेखन7–

अपठित गद्यांश10–

व्याकरण8–

Second unit test

पद्य -4

गद्य -4

व्याकरण –क्रिया, क्रिया विशेषण, तत्सम , तद्भवपर्यायवाची,
विलोम

Blueprint

प्रश्नों के उत्तर लिखें (16) –

गद्य-8

पद्य -8

व्याकरण (9) –

Final exam

पद्य -1,2,3,4,5

पद्य -1,2,3,4,5

व्याकरण-उपसर्ग , प्रत्यय, काल, वर्तनी की सामान्य

अशुद्धियां, पर्यायवाची, विलोम

निबंध और पत्र लेखन ।

Blueprint

प्रश्न उत्तर (40) –

पद्य (20) –

गद्य (20) –

व्याकरण (40) –

निबंध – 15

पत्र लेखन– 7

अपठित गद्यांश– 10

व्याकरण– 8

HISTORY/CIVICS

Unit Test - I [F.M. 25]

Chapter 1 : The Harappan Civilisation

Chapter 2 : The Vedic Period

Half Yearly Examination [FM. 80]

Chapter1 : The Harappan Civilisation

Chapter 2 : The Vedic Period

Chapter 3 : Jainism & Buddhism

Chapter 4 : The Mauryan Empire
Chapter 6 : The Age of the Guptas

Civics

Chapter 1 : Our Constitution
Chapter 2 : Salient Features of the Constitution I
Chapter 3 : Salient Features of the Constitution II
Portion- History Ch1, 2, 3, 4, 6
Civics Ch 1, 2, 3
(Omitted – Ch 5 Sangam Age)

Unit Test – II [F.M. 25]

Chapter 7 : The Cholas
Chapter 8 : The Delhi Sultanate

Final Examination [FM. 80]

Chapter 7 : The Cholas
Chapter 8 : The Delhi Sultanate
Chapter 9 : The Mughal Empire
Chapter 11 : Renaissance
Chapter 12 : Reformation
Civics
Chapter 4 : Elections
Chapter 5 : State Legislature
Portion - History Ch 7, 8, 9, 11, 12
Civics Ch 4, 5
(Omitted - Ch 10 Composite Culture & Ch, 13 Industrial Revolution)

HALF YEARLY AND ANNUAL EXAMINATION

PART - I (COMPULSORY)

MCQ - 16
SHORT QUESTION - (7X2= 14)

PART - II

CIVICS - 20 MARKS

(ANY TWO OUT OF THREE WHOLE QUESTIONS)

HISTORY - 30 MARKS

(ANY THREE OUT OF FIVE WHOLE QUESTIONS)

UNIT TEST 1 AND 2

Type of Questions	No. of Questions	Marks of Each Question	Total Marks
Multiple Choice Questions	9	1	9
Name the Following	4	1	4
Structured Questions (2 whole sets of questions)	3 in each set	6 per set. (2×3)	12
Grand Total	—	—	25

GEOGRAPHY

Unit Test - I [F.M. 25]

Chapter 1 – Earth as a Planet

Chapter 2 – Latitudes and Longitudes

Half Yearly Examination [FM. 80]

Chapter 3: Rotation and Revolution

Chapter 4 : Earth's Structure

Chapter 5 : Landforms of the Earth

Chapter 6 : Rocks and Rock Cycle

Chapter 7 : Volcanoes

(Portion Ch 1,2, 3, 4, 5, 6, 7 and Map of the World (Contents from Page 229 according to ICSE syllabus))

Unit Test – II [F.M. 25]

Chapter 8 : Earthquake

Chapter 9 : Weathering and Denudation

Final Examination [FM. 80]

Chapter 10 : Tides and Ocean Currents

Chapter 11 : Composition and Structure of the Atmosphere

Chapter 12 : Insolation

Chapter 13 : Atmospheric Pressure and Winds

Chapter 14 : Humidity

Portion – Ch 8, 9, 10, 11, 12, 13, 14 and Map of the World

(Contents from page 229 according to ICSE syllabus)

HALF-YEARLY AND FINAL EXAM

M.M.: 80

Time: 2 Hrs

PART-I (30 Marks)

Type of Questions	No. of Questions	Marks for Each Question	Total Marks
Multiple Choice Questions	10	1	10
Map of the World	10	1	10
Short Answer Questions	5	2	10
Total Marks			30

PART-II (50 Marks)

Type of Questions	No. of Questions	Marks of Each Question	Total Marks
Structured Questions (5 out of 6 whole questions)	5	10	50
Total Marks			50

UNIT TEST 1 AND 2

Type of Questions	No. of Questions	Marks of Each Question	Total Marks
Multiple Choice Questions	9	1	9
Define the following	2	2	4
Structured Questions (2 whole set questions)	3 questions in each set	6 marks per set (2×3)	12
Grand Total	—	—	25

PHYSICS

Unit Test - I : [F.M. 25]

Ch-1 Measurement & Experimentation.

Ch-2 Motion in One Dimension (Exercise - 2A).

Question pattern & Marking scheme

Type of Question	No. of Question	Marks of each Question	Total Marks
Q. 1 Multiple Choice	5	1	5
Q.2 short questions	7	2	14
Q.3 Long questions	2	3	6

Half Yearly Examination : [FM. 80]

Ch-1: Measurement & Experimentation.

Ch-2: Motion in One Dimension.

Ch-3: Laws of Motion.

Ch-4: Pressure in Fluid & Atmospheric Pressure.

Ch-7: Reflection of Light.

Question pattern & Marking scheme

Question paper consists of two sections A and B.

✓ Section A: All questions are compulsory [40 marks]

✓ Section B: 4 Questions are to be attempted out of 6 [40 marks]

Type of Question	No. of Question	Marks of each Question	Total Marks
Q. 4 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 5 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 6 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 7 Analytical, Critical thinking, Numerical,	3	3+3+4	10

Diagram based, understanding based			
Q. 8 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 9 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
TOTAL(Any 4 x 10)			40

✓ Section: A [40 Marks]

Type of Question		No.of Question	Marks of each Question	Total Marks
Q. 1	Multiple Choice	15	1	15
Q.2	Fill in the blanks. (with two/three choice)	6	1	6
	Short questions.	2	2	4
Q. 3	Analytical,Critical thinking,Numerical, Diagram based, understanding based	7	3 + 2 x 6	15
TOTAL				40

✓ Each question may have sub-questions

✓ Section: B [40 Marks]

✓ Each question may have sub-questions

Unit Test – II : [F.M. 25]

CH-5: Upthrust in Fluids, Archimedes Principle & Floatation.

Question pattern & Marking scheme

Type of Question	No. of Question	Marks of each Question	Total Marks
Q. 1 Multiple Choice	5	1	5
Q.2 short questions	7	2	14
Q.3 Long questions	2	3	6

Final Examination : [FM. 80]

Ch-5: Upthrust in Fluids, Archimedes Principle & Floatation.

Ch-6: Heat and Energy.

Ch-8: Propagation of Sound Waves.

Ch-9: Current Electricity.

Ch-10: Magnetism.

Question pattern & Marking scheme

Question paper consists of two sections A and B.

✓ Section A: All questions are compulsory [40 marks]

✓ Section B: 4 Questions are to be attempted out of 6 [40 marks]

Section: A [40 Marks]

Type of Question		No. of Question	Marks of each Question	Total Marks
Q. 1 Multiple Choice		15	1	15
Q. 2	Fill in the blanks. (with two/three choice)	6	1	6
	Short questions.	2	2	4
Q. 3		7	3 + 2 x 6	15

Analytical,Critical thinking,Numerical, Diagram based, understanding based			
TOTAL			40

✓ Each question may have sub-questions

✓ **Section : B [40 Marks]**

Type of Question	No. of Question	Marks of each Question	Total Marks
Q. 4 Analytical, Critical thinking, Numerical, Diagram based, understanding based, understanding based	3	3+3+4	10
Q. 5 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 6 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 7 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 8 Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Q. 9 Analytical, Critical	3	3+3+4	10

thinking, Numerical, Diagram based, understanding based			
TOTAL(Any 4 x 10)			40

✓ Each question may have sub-questions

CHEMISTRY

Unit Test - I [F.M. 25]

L1- Language of Chemistry including calculation of Empirical Formula and Molecular Formula and Equation based numericals (weight-weight analysis)

Blueprint

		No. of questions	Mark per question	Total Marks
Q1	Questions based on valency / formula	6	$\frac{1}{2}$	3
Q2	Relative Molecular Mass	3	2	6
Q3	Percentage Composition	3	$2\frac{1}{2} + 2\frac{1}{2} + 2$	7
Q4	Equation based numerical	2	2	4
Q5	Empirical Formula	1	3	3
Q6	Balance the equations	1	2	2
	TOTAL			25

Half Yearly Examination [FM. 80]

L1 – Language of Chemistry (as in Unit Test-I)

L2 - Chemical changes and Reactions

L7 – Study of Gas Laws

L4 – Atomic Structure

Blueprint

		No. of questions	Mark per question	Total Marks
	Section A			
Q1	MCQ	15	1	15
Q2	Balanced Equation	5	1	5
Q3	Observations	5	1	5
Q4	Give reasons	5	1	5
Q5	Numericals	4	2 ½	10
	TOTAL			40
	Section B			40
	6 questions: Attempt any 4 Each question carries 10 marks Each question have sub parts (usually 4 to 5 bit questions) Question Type Balance equations Reasons Observations Conceptual and application Distinguishing between pairs of compounds Definitions Numericals Fill in the blanks			

Unit Test – II

[F.M. 25]

L5 - Periodic Table and Trends in Periodic Properties

Blueprint

		No. of questions	Mark per question	Total Marks
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Q1	Name the following	10	1	10
Q2	Define the following	3	1	3
Q3	Arrange as per instructions	5	1	5
Q4	Give reasons	3	1	3
Q5	Competency based question	4	1	4
	TOTAL			25

Final Examination [FM. 80]

L4 – Chemical Bonding (Orbit and Electron-dot structures, Coordinate bond, Polar and Non-Polar covalent compounds)

L6 - Hydrogen

L-5 - Periodic Table (Trends in Periodic Properties - Excluded)
Practical Chemistry

Blueprint

		No. of questions	Mark per question	Total Marks
	Section A			
Q1	MCQ	15	1	15
Q2	Electron-Dot diagram/Orbit diagram	5	1	5
Q3	Balanced Equation	5	1	5
Q4	Observations	5	1	5
Q5	Give reasons	5	1	5
Q6	Name the following	5	1	5
	TOTAL			40
	Section B			40
	6 questions: Attempt any 4			

- Each question carries 10 marks
- Each question have sub parts (usually 4 to 5 bit questions)
- Question Type
 - Balance equations
 - Reasons
 - Observations
 - Conceptual and application
 - Distinguishing between pairs of compounds
 - Definitions
 - Fill in the blanks

BIOLOGY

Unit Test - I [F.M. 25]

Chapter-2 Cell : The unit of life

Chapter -4 The Flower

Practical

1. Examination of onion peel microscope

2. Study of cross pollinated flower

Portion – Ch. 2 and 4

Half Yearly Examination [FM. 80]

Chapter 3 : Tissues : Plant and Animal Tissues\

Chapter 5 : Pollination and Fertilization

Chapter 6 : Seeds : Structures and Germination

Chapter 8 : Kingdom Animalia

Chapter 14 : Skin : The Jack of All Trades

Chapter 15 : Modes of Disease Transmission

Chapter 17 : Aids to Health

Practical

3. Germinating seeds

4. Examination of human cheek cells under microscope

6. Identification of Animal specimens

7. Model of skin

Portion – Ch. 2, 3, 4, 5, 6, 8, 14, 15 and 17

Unit Test – II [F.M. 25]

Chapter 7 : Respiration in Plants

Chapter 9 : Bacteria and its Economic Importance

Chapter 10 : Fungi and its Economic Importance

Portion – Ch. 7, 9 and 10

Final Examination [FM. 80]

Chapter 11 : Nutrition

Chapter 12 : Digestive System

Chapter 13 : Skeleton : Movement and Locomotion

Chapter 16 : Diseases : Cause and Control

Chapter 18 : Health Organizations

Practical : Food Tests

Portion – Ch. 7, 9, 10, 11, 12, 13, 16 and 18

Blueprint

FIRST AND SECOND UNIT TEST

SECTION -A

1. MCQs [5 marks]
2. Name the following [3 marks]
3. Fill in the blanks [2 marks]
4. Choose the odd one [3 marks]
5. Arrange in logical sequence [2 marks]

SECTION-B

1. Structured or skill based questions [1+2+2] [Two questions]
(Definitions, Differences, location and function, give reason and diagram based questions)

HALF YEARLY AND FINAL EXAMINATION

Section	Type of Questions	Number of Questions and details	Total marks=40
Section-A	Short answer questions	Question 1 Multiple choice, assertion reason based .	15X5=15
		Question 2	1X5=5
		(i) Name the following.	1X5=5 1X5=5
		(ii) Paragraph based blanks .	1X5=5
		(iii) Logical sequence	1X5=5
		(iv) Pictorial matching.	
		(v) Name the structure based on explanations/ complete the following statements/ examples/ differences/ diagrams.	
Section-B	Long answer questions	Requires detailed explanations, diagrams, odd one	Total marks =40 Internal choice provided (e.g.,

	with choices	out, correct the statements, full forms, location and functions, diagram based questions and reasoning, differences.	answer any 4 out of 6 questions)
		Question 4	$1+2+2+2+3=10$
		Question 5	$1+2+2+2+3=10$
		Question 6	$1+2+2+2+3=10$
		Question 7	$1+2+2+2+3=10$
		Question 8	$1+2+2+2+3=10$
		Question 9	$1+2+2+2+3=10$

MATHEMATICS

Prescribed Book: ICSE Foundation Mathematics (R.S. Aggarwal, -Goyal Brothers Prakashan)

UNIT TEST 1

Ch1 Rational and irrational numbers(8 marks)

Ch3 Expansion (7 marks)

Ch20 Trigonometry (10 marks)

MARKS DISTRIBUTION

Type of the Question	No of Questions	Mark of each question	Total marks
MCQ	5	1	5
Analytical, Critical Thinking & Problem solving	4	3	12

Analytical, Critical Thinking & Problem solving	2	4	8
Total			25

HALF YEARLY EXAMINATION

Ch1 Rational and irrational numbers (6)+2

Ch3 Expansion (6)+1

Ch4 Factorisation (7)+1

Ch6 Indices (7)+1

Ch7 Logarithms (8)+2

Ch8 Triangles(8)+2

Ch 9 Midpoint theorem and its Converse(8)+1

Ch 10 Pythagoras theorem (8)+1

Ch17 Perimeter and area of plane figures(9)+2

Ch21 Coordinate Geometry (6)+1

Ch20 Trigonometrical Ratios(9)+1

MARKS DISTRIBUTION:

Section – A (40 Marks)

Type of the Question	No of Questions	Mark of each question	Total marks
MCQ	15	1	15
Assertion & Reasoning Based question & Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	4+4+4	12
Analytical, Critical	3	4+4+5	13

thinking, Numerical, Diagram based, understanding based			
Total			40

Section – B(40 Marks)
(Any four full questions)

Name of the question	No of the question	Mark of the question	Total mark
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Total			40

Each question may contain sub questions.

Question Paper: As per the board exam pattern.

UNIT TEST 2

Ch5 Simultaneous linear equation (12)

Ch19 Volume and surface area of solids (13)

MARKS DISTRIBUTION

Type of the Question	No of Questions	Mark of each question	Total marks
MCQ	5	1	5
Analytical, Critical Thinking & Problem solving	4	3	12
Analytical, Critical Thinking & Problem solving	2	4	8
Total			25

ANNUAL EXAMINATION

Ch2 Compound Interest (10)+2

Ch5 Simultaneous linear equation (9)+1

Ch11 Quadrilateral (10)+2

Ch12 Area of parallelogram and triangles (7)+1

Ch13 Chord properties of circle (7)+2

Ch14 Arc properties of circle (4)+1

Ch15 Frequency distribution (8)+1

Ch16 Mean, median of ungrouped data and frequency polygon
(12)+2

Ch18 Circumference and area of circle (9)+2

Ch19 Volume and surface area of solids (9)+2

MARKS DISTRIBUTION:

Section – A (40 Marks)

Type of the Question	No of Questions	Mark of each question	Total marks
MCQ	15	1	15
Assertion & Reasoning Based question & Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	4+4+4	12
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	4+4+5	13
Total			40

Section – B(40 Marks)

(Any four full questions)

Name of the question	No of the question	Mark of the question	Total mark
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical,	3	3 + 3 + 4	10

Diagram based, understanding based			
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3 + 3 + 4	10
Analytical, Critical thinking, Numerical, Diagram based, understanding based	3	3+3+4	10
Total			40

Each question may contain sub questions.

Question Paper: As per the board exam pattern

ENA

Unit Test - I [F.M. 25]

Lesson 1 : Introduction of our environment

Lesson 2 : Our environmental problems

Half Yearly Examination [FM. 80]

Lesson 1 : Introduction of our environment

Lesson 2 : Our environmental problems

Lessons 3 : Resource depletion

Lesson 4 : Waste generation

Lesson 5 : Basic ecology

Unit Test – II [F.M. 25]

Lesson 6 : Types of ecosystem

Final Examination [FM. 80]

Lesson 6 : Types of ecosystem

Lesson 7 : Ecological Niche and Succession

Lesson 8 : Conservation of Ecosystem

Lesson 9 : Dynamics of Development

Lesson 10 : Agriculture and Food Crisis

FIRST AND SECOND TERMINAL EXAMINATION

Writing time- 2Hrs

Question paper reading time 15minutes

Full marks-100

Section	Type of questions	Number of Questions and details	Total marks=40
Section-A Compulsory section	Short answer questions	Question 1 Multiple choice ,assertion reason based . Question 2 Short and picture based with 2 to 3 points containing questions, full forms. Question 3 Definitions, examples, differences.	Question 1 1X20=20 Question 2 2+2+3+3+=10 Question 3 2+2+3+3=10
Section-B	Long answer questions with choices	Requires detailed explanations, diagram based questions and reasoning, differences	Total marks =60 Internal choice provided (e.g., answer

			any 4 out of 6 questions)
		Question 3	5+5+5=15
		Question 4	5+5+5=15
		Question 5	5+5+5=15
		Question 6	5+5+5=15
		Question 7	5+5+5=15
		Question 8	5+5+5=15

ENA

FIRST AND SECOND UNIT TEST

Full marks- 25

Time- 1 Hr

SECTION -A

1. MCQs [5 marks]

2. Short answers, full forms, names, examples, definitions
[2+2+3+3]

SECTION-B

1. Long questions [5+5] [Two questions]

PHYSICAL EDUCATION

1. Examination Syllabus

Unit Test-1

- **Chapter 1: Human Anatomy and Physiology**

Half-Yearly Examination

Section A:

- **Chapter 1: Human Anatomy and Physiology**
- **Chapter 2: Muscular System**
- **Chapter 5: Games & Sports (Page 57 to 62)**

SectionB:

1. **Basketball**(Page114to117)
2. **Volleyball**(Page129to132)

UnitTest-2

- **Chapter3:RespiratorySystem**

FinalExamination***SectionA:***

- **Chapter3:RespiratorySystem**
- **Chapter4:CirculatorySystem**
- **Chapter5:Games&Sports(FullChapter)**

SectionB:

1. **Basketball**(FullChapter)
2. **Volleyball**(FullChapter)

Blue Print for UT-1 and UT-2 (FM:25)

Sl. No.	Question Type	Marks Distrib ution	Total Marks
1	Multiple Choice Questions	1×5	05
2	Definitions (One mark each)	1×3	03
3	Match the Columns	1×4	04
4	Differences (Two questions)	2×2	04
5	Diagrams (One question)	1×2	02
6	Figure/Diagram based questions (Two)	2×2	04
7	Long Answer Type Question (One)	1×3	03
Grand Total			25

BluePrintforHalf-Yearly&FinalExams(FM:100)

SECTIONA(50Marks)

- **Q1.MultipleChoiceQuestions:** $1 \times 20 = 20$ Marks
- **Q2toQ4.SubjectiveQuestions:** (30Marks)
 - Questionsbasedon: Functions, differences, types, names, explaining parts, structures, descriptions, etc.
 - Marking☹ $2+2+3+3=10$)and($10 \times 3 = 30$)

SECTIONB (50Marks)

*Note: Attempt any **two** questions from this section.*

Part1:Basketball(Question5&6)

- Twoquestionswillbegiven.Eachcarries25marks.
- **MarkingBreakdown:** $8+3+3+3+4+4=25$ Marks

Part2:Volleyball(Question7&8)

- Twoquestionswillbegiven.Eachcarries25marks.
- **MarkingBreakdown:** $8+3+3+3+4+4=25$ Marks

ImportantNoteforSectionB: Questionswillbebasedon: Explaini
ngterms, Generalrules, Drawing diagrams, Different names,
Differences, Brief explanations, and Terminology.
