

DON BOSCO SR. SEC. SCHOOL , JHARMARI
SYLLABUS (2024-25)
CLASS: 9TH

SUBJECT: HINDI

प्रथम इकाई परीक्षा का पाठ्यक्रम	द्वितीय इकाई परीक्षा का पाठ्यक्रम
<p>हिंदी स्पर्श गद्य खंड पाठ 1 दुख का अधिकार</p> <p>हिंदी स्पर्श काव्य खंड पाठ 1 रैदास के पद</p> <p>हिंदी संचयन पाठ 1 गिल्लू</p> <p>हिंदी व्याकरण अपठित गद्यांश, उपसर्ग और प्रत्यय, अनुस्वार और अनुनासिक, स्वर संधि (दीर्घ संधि)</p> <p>रचनात्मक लेखन अनुच्छेद।</p>	<p>हिंदी स्पर्श गद्य खंड पाठ 2 एवरेस्ट मेरी शिखर यात्रा पाठ 3 तुम कब जाओगे अतिथि</p> <p>हिंदी स्पर्श काव्य खंड पाठ 2 रहीम के दोहे पाठ 3 गीत अगीत</p> <p>हिंदी संचयन पाठ 2 स्मृति</p> <p>हिंदी व्याकरण स्वर संधि,(गुण संधि, वृद्धि संधि), अर्थ के आधार पर वाक्य भेद, अपठित गद्यांश</p> <p>रचनात्मक लेखन अनुच्छेद, अनौपचारिक पत्र, चित्र वर्णन, संवाद लेखन + प्रथम इकाई परीक्षा का पाठ्यक्रम।</p>
तृतीय इकाई परीक्षा का पाठ्यक्रम	चतुर्थ इकाई परीक्षा का पाठ्यक्रम
<p>हिंदी स्पर्श गद्य खंड पाठ 4 वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरामन</p> <p>हिंदी स्पर्श काव्य खंड पाठ 4 अग्निपथ पाठ 3 गीत अगीत</p> <p>हिंदी संचयन पाठ 3 मेरा छोटा सा निजी पुस्तकालय</p> <p>हिंदी व्याकरण उपसर्ग, प्रत्यय, शब्द और पद, संधि (यण, अयादि), विराम चिन्ह</p> <p>रचनात्मक लेखन अपठित गद्यांश, अनौपचारिक पत्र और संवाद लेखन</p>	<p>हिंदी स्पर्श गद्य खंड पाठ 5 शुक्रतारे के समान</p> <p>हिंदी स्पर्श काव्य खंड पाठ 5 नए इलाके में और खुशबू रचते हैं हाथ।</p> <p>हिंदी व्याकरण अपठित गद्यांश, विराम चिन्ह, अर्थ के आधार पर वाक्य भेद</p> <p>रचनात्मक लेखन अनुच्छेद, अनौपचारिक पत्र, चित्र लेखन, संवाद लेखन,+ तृतीय इकाई परीक्षा का पाठ्यक्रम</p>

SUBJECT: MATHEMATICS

PERIODIC ASSESSMENT – 1		
(APRIL - MAY)		
S. No.	CHAPTER No.	TOPIC
1	1	NUMBER SYSTEM
2	2	POLYNOMIALS
3	3	COORDINATE GEOMETRY
4	10	HERON'S FORMULA
LAB MANUAL	TO VERIFY THE ALGEBRAIC IDENTITY : $(a - b)^2 = a^2 - 2ab + b^2$	
PERIODIC ASSESSMENT – 2 / HALF - YEARLY		
(JULY – SEPTEMBER)		
S. No.	CHAPTER No.	TOPIC
1	4	LINEAR EQUATIONS IN TWO VARIABLES
2	5	INTRODUCTION TO EUCLID'S GEOMETRY
3	6	LINES AND ANGLES
4	7	TRIANGLES
5	1	NUMBER SYSTEM
6	2	POLYNOMIALS
LAB MANUAL	TO VERIFY THAT OPPOSITE SIDES OF A PARALLELOGRAM ARE EQUAL.	
PERIODIC ASSESSMENT – 3		
(OCTOBER – DECEMBER)		
S. No.	CHAPTER No.	TOPIC
1	8	QUADRILATERALS
2	9	CIRCLES
3	11	SURFACE AREA AND VOLUMES
4	12	STATISTICS
LAB MANUAL	TO OBTAIN THE FORMULA FOR THE CURVED SURFACE AREA OF THE CONE	
PERIODIC ASSESSMENT – 4 / ANNUAL EXAMINATION		
(JANUARY – FEBRUARY)		
ALL 12 CHAPTERS		
S. No.	CHAPTER No.	TOPIC
1	1	NUMBER SYSTEM
2	2	POLYNOMIALS
3	3	COORDINATE GEOMETRY
4	4	LINEAR EQUATIONS IN TWO VARIABLES

5	5	INTRODUCTION TO EUCLID'S GEOMETRY
6	6	LINES AND ANGLES
7	7	TRIANGLES
8	8	QUADRILATERALS
9	9	CIRCLES
10	10	HERON'S FORMULA
11	11	SURFACE AREA AND VOLUMES
12	12	STATISTICS
VIVA – VOICE + PRESENTATION ON ANY TOPIC		

SUBJECT: SCIENCE

Physics

PERIODIC TEST I	
UNIT III	MOTION, FORCE AND WORK
CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-8 Lesson-9	<ul style="list-style-type: none"> • Motion • Force and laws of motion (Half Chapter)
ACTIVITY	Practical lab work * Verification of the laws of reflection of sound
PERIODIC TEST II	
UNIT-III	MOTION, FORCE AND POWER
CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-9 Lesson-10	<ul style="list-style-type: none"> • Force and laws of motion(Half) • Gravitation and floatation • Including syllabus of P.A-1
ACTIVITY	<ul style="list-style-type: none"> • Practical Lab work • Determination of the density of solid by using a spring balance and a measuring cylinder. • Establishing the relation between the loss in weight of a solid when fully immersed in(i)Tap water(ii)strongly salty water ,with the weight of water displaced by it by taking at least two different solids.
PERIODIC TEST III	
UNIT-III	MOTION, FORCE AND POWER

CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-11 Lesson-12	<ul style="list-style-type: none"> • Work energy and power • Sound • Syllabus covered up to December • Including syllabus of P.A-1 and P.A.-2
ACTIVITY	<ul style="list-style-type: none"> • Practical Lab work • Determination of the speed of a pulse propagated through a stretched string/slinky. • Make a project file on applications of Archimedes principle .
ANNUAL EXAMINATION	
	Complete Syllabus

Chemistry

Periodic Test I

Unit-I	Matter-Nature and Behavior	
Chapter No.	Title of the Chapter	
L-1 L-2	<ul style="list-style-type: none"> • Matter in our surrounding • Is matter around us Pure 	Project: Prepare Mind Map/ppt presentation/file of Chapter-1 & 2
• Practical Lab work Activity	<ol style="list-style-type: none"> 1. Determination of the melting point of ice and the boiling point of water. 2. Preparation of (a) a true solution (b) a suspension (c) a colloidal solution and distinguish between these..... 3. Preparation of (a) a mixture and (b) a compound and distinguishing between these on the basis of 	

Periodic Test II

Unit-I	Matter-Nature and Behaviour	
Chapter No.	Title of the Chapter	
L-4	<ul style="list-style-type: none"> • Structure of atom 	Project: Prepare any one working atomic model based on Thomson's / Rutherford's / Bohr's study.
• Practical Lab work Activity	<ol style="list-style-type: none"> 4. Perform the following reactions and classify them as physical or chemical changes: <ul style="list-style-type: none"> (a) Iron with copper sulphate (b) Burning of magnesium ribbon in air (c) Zinc with dilute sulphuric acid (d) Heating of copper sulphate crystals (e) Sodium sulphate with barium chloride in the form of their solutions in water. 	

Periodic Test III

Unit-I	Matter-Nature and Behaviour	
Chapter No.	Title of the Chapter	
L-3	<ul style="list-style-type: none"> • Atoms and Molecules • Including syllabus of P.A-I and P.A-II 	Project: Enlist elements from atomic number 1 to atomic number 18. (Write their name, symbol, number of neutrons, protons, mass number and valency).

• Practical Lab work Activity	5. Verification of the law of conservation of mass in a chemical reaction.
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Annual Examination

Complete Syllabus including P.A-I, P.A-II and P.A-III

Biology

PERIODIC ASSESSMENT-1

1. 1. Cell- the basic unit of life
2. Experiment 1: Preparation of stained temporary mounts of (a) onion peel, and (b) human cheek cells & to record observations and draw their labeled diagrams.

PERIODIC ASSESSMENT-2/HALF YEARLY

1. Tissues
2. Improvement in Food Resources
Including the syllabus of Periodic Assessment-1

PERIODIC ASSESSMENT-3

1. Tissues
2. Improvement in Food Resources
Experiment 2: Identification of Parenchyma, Collenchyma, and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers, and nerve cells in animals, from prepared slides. Draw their labeled diagrams.

ANNUAL EXAMINATION

FULL SYLLABUS CH-1- 3

SUBJECT: SOCIAL SCIENCE

PA 1	PA 2	PA 3	Annual Exam
•Chapters- 1. What is Democracy? Why Democracy? 2. The Story of Village Palampur 3. India- Location and Size	•Chapters- 1. Physical features of India 2. Constitutional Design 3. The French Revolution	•Chapters- 1. Socialism in Europe and The Russian Revolution 2. Poverty as a challenge	•Full Syllabus

4. People as resource •Map Work •Project for Art Integration •Activity	4. Working of Institutions •Map Work •Project for Art Integration •Activity	3. Natural Vegetation and Wildlife 4. Climate •Map Work •Project for Art Integration •Activity	
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***Note ~ 1)** Tests will be conducted regularly after completion of each chapter.
2) Worksheets will be discussed in class after each chapter.

SUBJECT: INFORMATION TECHNOLOGY

Periodic Test-I		Periodic Test-II /Half Yearly Examination(50 Marks)		
Unit No	Unit name & Chapters	Unit No	Unit name	Chapters
Part A	Vocational Skills: 1. Communication skills 2. Self-Management Skills 3. E-mail 4. Entrepreneurial Skills	Part A	Employability Skills	1. Communication skills 2. Self-Management Skills 3. Basic ICT Skills 4. Entrepreneurial Skills 5. Green Skills 6. Data Entry and Keyboard Skills
Practical Work: Based on Chapters		Practical Work: Based on Chapters(50 Marks)		

Periodic Test-III			Annual Examination(50 Marks)
Unit No	Unit name	Chapters	
Part A	Subject Specific Skills	1. Digital Documentation 2. Electronic Spreadsheet	Unit-3: Digital Documentation Unit-4: Electronic Spreadsheet Unit-5 : Digital Presentation Practical (50 M) Practical File, Project Report
Practical Work: Based on Chapters			

SUBJECT: PUNJABI

PA-I

Time- 2½ hrs

Marks- 40+10=50

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| ਕਵਿਤਾ ਭਾਗ | - | 1) | ਸਮਾ, ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ। |
| ਵਾਰਤਕ ਭਾਗ | - | 1) | ਵਹਿਮੀ ਤਾਇਆ, ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ। |
| ਕਹਾਣੀ ਭਾਗ | - | 1) | ਜਨਮ ਦਿਨ। |
| ਇਕਾਂਗੀ ਭਾਗ | - | 1) | ਮੌਨਧਾਰੀ |
| ਵਿਆਕਰਨ | - | 1) | ਵਿਰੋਧੀ, ਲਿੰਗ, ਮੁਹਾਵਰੇ। |

PA-II (Term-I Half Yearly)

Time- 3 hrs

Marks- 80+20=100

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| 1. ਕਵਿਤਾ - | 1) | ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ, ਮੈਂ ਪੰਜਾਬੀ, ਨਵੀਂ ਪੁਰਾਣੀ ਤਹਿਜੀਬ। |
| 2. ਵਾਰਤਕ - | 1) | ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ, ਖੁਸ਼ੀਆਂ ਆਪੇ ਨਹੀਂ ਆਉਂਦੀਆਂ। |
| 3. ਕਹਾਣੀ - | 1) | ਸਾਂਝੀ ਕੰਧ, ਬੱਸ ਕੰਡਕਟਰ। |
| 4. ਇਕਾਂਗੀ - | 1) | ਸਿਰਜਣਾ। |
| 5. ਵਿਆਕਰਣ | - | 1) ਲੇਖ, ਅਰਜੀ, ਅਣਡਿੱਠਾ ਪੈਰਾ ਰਚਨਾ, ਚਿੱਤਰ ਦੇ ਆਧਾਰ ਤੇ, ਵਿਸਮਿਕ ਸ਼ਬਦ ਸੁੱਧੀ ਮੁਹਾਵਰੇ। |

PA-III

Time- 2½ hrs

Marks- 40+10=50

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| 1. ਕਵਿਤਾ - | 1) | ਨਵੀਂ ਪੁਰਾਣੀ ਤਹਿਜੀਬ, ਮਾਤਾ ਗੂਜਰੀ ਜੀ। |
| 2. ਵਾਰਤਕ | 1) | ਖੁਸ਼ੀਆਂ ਆਪੇ ਨਹੀਂ ਆਉਂਦੀਆਂ, ਬੇਬੇ ਜੀ। |
| 3. ਕਹਾਣੀ | 1) | ਬੱਸ ਕੰਡਕਟਰ। |
| 4. ਇਕਾਂਗੀ | 1) | ਸਿਰਜਣਾ। |
| 5. ਵਿਆਕਰਣ | 1) | ਕਿਰਿਆ, ਵਿਸਮਿਕ ਤੇ ਮੁਹਾਵਰੇ। |

PA-IV

Time- 3 hrs

Marks- 80+20=100

1. ਪੂਰਾ ਸਿਲੇਬਸ। (Annual Exam Full Syllabus)