

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

HINDI

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	Apathit gaddyansh, Pattra lekhan.		UT 1 Apathit gaddyansh, Pattra lekhan.	
MAY	Avedan patra, pattra lekhan (formal), Apathit gaddyansh.			
SUMMER	BREAK		SUMMER	BREAK
JUNE	Saar lekhan, nibandh lekhan			
JULY	Report , Pratiwedan Lekhan.		UT 2 Saar lekhan, Formal letter.	
AUGUST	Sanwaad lekhan.			

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

PHYSICS

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	CH-4.1 Simple phenomena of magnetism CH-4.2. Electric charge	BRAINSTROMI NG SESSION Periodic test Group discussion Quiz,		www.sciencebob.com/experiments/electrom www.youtube.com/watch?v=hajllGHPeuU www.youtube.com/watch?v=SEAxrcOaHW8 IGCSE Physics Coursebook CD-ROM Activity Sheet 19.4
MAY	CH-4.3 Circuit Diagrams CH-4.4 Digital electronics	BRAINSTROMI NG SESSION Periodic test Group discussion Quiz,		www.jersey.uoregon.edu/vlab/Voltage/ www.bbc.co.uk/bitesize/higher/physics/elect/
SUMMER	BREAK		SUMMER	BREAK
JUNE	CH-4.5 Dangers of electricity CH-4.6 Electromagnetic induction	BRAINSTROMI NG SESSION Periodic test Group discussion Quiz,		www.youtube.com/watch?v=Ym1a9_aXEv8 IGCSE Physics Coursebook CD-ROM Activity Sheet www.howstuffworks.com/motor.htm
JULY	CH-5.1.1 Atomic model CH-5.2. Detection of radioactivity	BRAINSTROMI NG SESSION Periodic test Group discussion Quiz,		www.youtube.com/watch?v=lp57gEWcisY http://fiziknota.blogspot.com/2010/01/radioactivity.html IGCSE Physics Coursebook CD-ROM Activity Sheet
AUGUST	CH-5.2.3 Radioactive decay REVISION	BRAINSTROMI NG SESSION Periodic test Group discussion Quiz,		www.youtube.com/watch?v=Tp2M9tndGG0 www.colorado.edu/physics/2000/index.pl WORKSHEET
HALF YEARLY SYLLABUS CH-4 Electromagnetism CH-5 Atomic physics				

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

ICT

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	Ch6. ICT Application		UNIT TEST – 1 Ch6. ICT Application	WORKSHEET AND LAB
MAY	CH7. The System Life Cycle	CLASS TEST 1 CH7. The System Life Cycle	-	WORKSHEET AND LAB
SUMMER	BREAK		SUMMER	BREAK
JUNE	Ch7. The System Life Cycle (continued) , Ch 4. Networks and the effects of using them (From grade-IX)	-	-	-
JULY	CH 21. WEB AUTHORIZING (HTML) PRACTICAL Ch 9. Audience CH 3. Storage Devices and media (REVISION FROM GRADE IX)	CLASS TEST 2 Ch 4. Networks and the effects of using them (From grade-IX)	UNIT TEST – 2 Ch 7. System Life Cycle, Ch 4. Networks and the effects of using them (From grade-IX)	WORKSHEET AND LAB
AUGUST	Ch 8. Safety and Security (REVISION FROM GRADE IX) Ch 21.WEB AUTHORIZING (HTML) PRACTICAL (cintinued) Ch 10. Communications	-	-	WORKSHEET AND LAB

HALF YEARLY SYLLABUS

Ch 4. Networks and the effects of using them (From grade-IX)
 Ch 6. ICT Application,
 Ch 7.System Life Cycle,
 Ch 9. Audience
 Ch 10. Communications
 Ch 8. Safety and Security (REVISION FROM GRADE IX)
 CH 3. Storage Devices and media (REVISION FROM GRADE IX)

Monthly Syllabus for the session 2024-25

Grade X (CAIE)

ESL

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	UNIT 10: EDUCATION UNIT 11: ACHIEVEMENTS	Formative Class test worksheet on Email writing. Multiple Matching	Discuss education, read a web article about studying, Practise talking about speaking examination and listen to student's discussions Discuss world records and achievements ,read an article about Olympics, write about a hero LANGUAGE FOCUS Tenses	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-ESL-0510/past-papers
MAY	UNIT 12: ORGANISATIONS UNIT 13: FAMOUS PEOPLE	Formative Worksheet on Note making Article writing	Discuss and read about different kinds of organisations, listen to someone from a worldwide organization and write about it Discuss fame and famous people , read two articles about different famous people, listen to talk on international medical charity LANGUAGE FOCUS Relative clauses	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-ESL-0510/past-papers
			SUMMER	BREAK
JUNE	UNIT 14: MEDICAL CARE UNIT 15: HEALTHY LIVING	Formative Class test Worksheet on email and comprehension	Listen to a discussion and answer multiple choice questions about Florence Nightingale Read about how to become a paramedic Listen to IRC and write notes Talk about different activities and healthy and healthy living Read about two different healthy food Listening of role play and make notes LANGUAGE FOCUS:Word building	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-ESL-0510/past-papers

Monthly Syllabus for the session 2024-25

Grade X (CAIE)

JULY	UNIT 16: SOCIAL MEDIA UNIT 17:THE ENVIRONMENT	Formative Class test worksheet on Note making Multiple matching Article writing Worksheet on language focus	Discuss INFORMATION about social media presented in graphic, read and talk about negative impacts of being online for long, Listen to physical risks in overusing phones Read about people's favourite social media LANGUAGE FOCUS Word building	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-ESL-0510/past-papers
AUGUST	UNIT 18: HUNGER	Formative Class test worksheet on summary writing Article writing	Talk about what fashion means to you Read about ethnic fashion Listen to opinions on different types of ideologies with regard to fashion	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-ESL-0510/past-papers

HALF YEARLY SYLLABUS

Comprehension
 Multiple matching
 Note making
 Summary writing
 Email writing
 Article writing

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

BUSINESS STUDIES

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCE -MENT PORTION	ADDITIONAL RESOURCES
APRIL	4.1.1 The meaning of production 4.1.2 The main methods of production 4.2.1 Identify and classify costs:	Class Test-1, Class Test-2 Unit Test-1, Unit Test-2 Half Yearly Exams		www.cambridgeinternational.org Past Paper and Worksheet
MAY	4.2.2 Economies and diseconomies of scale 4.2.3 Break-even analysis 4.3.1 Why quality is important and how quality 4.4.1 The main factors influencing the location and relocation decisions of a business		Unit Test-1 03-05-24-FRIDAY	www.cambridgeinternational.org Past Paper and Worksheet
SUMMER BREAK -FROM 18-03-2024 TO 12-06-2024				
JUNE	5.1.1 The need for business finance 5.1.2 The main sources of finance 5.2.1 The importance of cash and of cash-flow forecasting 5.2.2 Working capital		Class Test-1	www.cambridgeinternational.org Past Paper and Worksheet
JULY	5.3.1 What profit is and why it is important 5.3.2 Income statements 5.4.1 The main elements of a statement of financial position 5.4.2 Interpret a simple statement of financial position and make deductions from it		Unit Test-2 16-07-24-TUESDAY	www.cambridgeinternational.org Past Paper and Worksheet

Monthly Syllabus for the session 2024-25

Grade X (CAIE)

	5.5.1 Profitability 5.5.2 Liquidity 5.5.3 and analysing profitability ratios and liquidity ratios How to interpret the financial performance of a business by calculating 5.5.4 Why and how accounts are used		Class Test-2	www.cambridgeinternational.org Past Paper and Worksheet
AUGUST	<p>Revision for Half Yearly Examination</p> 4.1.1 The meaning of production 4.1.2 The main methods of production 4.2.1 Identify and classify costs 4.2.2 Economies and diseconomies of scale 4.2.3 Break-even analysis 4.3.1 Why quality is important and how quality 4.4.1 The main factors influencing the location and relocation decisions of a business 5.1.1 The need for business finance 5.1.2 The main sources of finance 5.2.1 The importance of cash and of cash-flow forecasting 5.2.2 Working capital 5.3.1 What profit is and why it is important 5.3.2 Income statements 5.4.1 The main elements of a statement of financial position 5.4.2 Interpret a simple statement of financial position and make deductions from it 5.5.1 Profitability 5.5.2 Liquidity 5.5.3 and analysing profitability ratios and liquidity ratios How to interpret the financial performance of a business by calculating 5.5.4 Why and how accounts are used			
September	Half Yearly Exams-		07-09-2024-SATURDAY	

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

IGCSE BIOLOGY

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	13.Excretion and homeostasis 14.Reproduction in plants	Quiz & Solving End of chapter questions	Revision for UT 1	https://wellcomecollection.org/works/h2parxes https://wellcomecollection.org/works/ask2jkuq https://pbiol.rsb.org.uk/genetics/introducing-gene-technologies/cloning-a-living-organism
MAY	15. Reproduction in Humans	multiple-choice or short-answer questions		www.youtube.com/watch?v=9SqRNUUOk7s
SUMMER	BREAK		SUMMER	BREAK
JUNE	16.Chromosomes, genes and proteins	multiple-choice or short-answer questions		www.nlm.nih.gov/exhibition/sciencemagicmedicine/pdf/teachersgeneticterms.pdf
JULY	17. Variation and selection 20. Biotechnology and genetic modification	Solving End of chapter questions Solving End of chapter questions	Revision for UT 2	https://pbiol.rsb.org.uk/environment/environmental-indicators/monitoring-water-pollution-with-invertebrateindicator-species www.hhmi.org/biointeractive/origin-species www.hhmi.org/biointeractive/animated-life-ar-wallace
AUGUST	18.Organisms and their environment 19. Human influences on ecosystem (to be continued)	Solving End of chapter questions Solving End of chapter questions		https://phet.colorado.edu/en/simulation/legacy/natural-selection
HALF YEARLY SYLLABUS : Chapters :13-20 Chapter 19 Partly				
13.Excretion and homeostasis 14.Reproduction in plants 15. Reproduction in Humans 16.Chromosomes, genes and proteins 17. Variation and selection 18.Organisms and their environment 19. Human influences on ecosystem (to be continued) 20. Biotechnology and genetic modification				

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

CHEMISTRY

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	-Acid,Bases and Salt -Atoms, elements(recap) -Chemical Bonding (recap)	-Brainstorming session -Group Discussion	UT 1 Acid,bases and salt Atoms,elements and compounds	https://youtu.be/mGAKJ0b6dGw?si=rT7SRscyzsDU7_KA https://youtu.be/H27iLIN1CAs?si=jzqEAbMg7ZQLDf0l https://youtu.be/w3n90L8xWei?si=SfrmDTMyJsbfx-cu https://youtu.be/vkRT8Ay1sBM?si=YHd2WXVUp6pHV6bN https://youtu.be/Lrs4TjGmyig?si=sFsfxuj9rUTW5Wi https://youtu.be/U2pKAOEk_Cc?si=kfN7c5jUnUbFl668
MAY	-Periodic table -Metals	-Brainstorming session		https://youtu.be/XkzeLWei0kE?si=2-rk0Dh8UiHc4DH6
SUMMER	BREAK		SUMMER	BREAK
JUNE	-Metals -States of matter(recap) -Chemical energetics	-Brainstorming session -Group Discussion		https://youtu.be/ok9oF6OLxzo?si=zQ-j_rDieeVFVIBI
JULY	-Organic Chemistry 1 -Stoichiometry revision	-Brainstorming session -Group Discussion		https://youtu.be/cuH7eoagyEY?si=-lqMhMX1FMJURyxC
AUGUST	Revision	-Brainstorming sessions -Quiz		https://papacambridge.com/ https://www.physicsandmathstutor.com/chemistry-revision/igcse-cie/

MOCK 1 SYLLABUS

1. States of matter
2. Atoms, Elements and compounds
3. Bonding and structure
4. Stoichiometry- Chemical calculation
5. Periodic Table
6. Acid and Bases
7. Metals

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

BENGALI

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	বিসর্গ সন্ধি, ভাষণ লিখন, বাক্য পরিবর্তন	Oral test Worksheet	UT I Syllabus 1. বিসর্গ সন্ধি 2. বাক্য পরিবর্তন 3. বাগধারা	Last 10 Years paper
MAY	বাগধারা, ক্লেজ পরিচ্ছেদ	Worksheet Class Test		Last 10 Years paper
SUMMER	BREAK		SUMMER	BREAK
JUNE	সম্পূর্ণ সন্ধি, ব্যাকরণ	Oral test Worksheet		Last 10 Years paper
JULY	বোধ পরীক্ষণ (OEQ), প্রতিবেদন লিখন, পত্র লিখন	Worksheet Class Test	UT II Syllabus 1. সম্পূর্ণ সন্ধি 2. ক্লেজ প্যাসেজ 3. বোধপরীক্ষণ (OEQ)	Last 10 Years paper
AUGUST	বোধ পরীক্ষণ (MCQ), প্রবন্ধ রচনা, সংলাপ রচনা	Class test Revision worksheet		Last 10 Years paper
HALF YEARLY SYLLABUS বিসর্গ সন্ধি, ভাষণ লিখন, বাক্য পরিবর্তন বাগধারা, ক্লেজ পরিচ্ছেদ সম্পূর্ণ সন্ধি, ব্যাকরণ বোধ পরীক্ষণ (MCQ), প্রতিবেদন লিখন, পত্র লিখন বোধ পরীক্ষণ (OEQ), প্রবন্ধ রচনা, সংলাপ রচনা				

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

ACCOUNTING

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	Correction of errors Control accounts Valuation of inventory	Formative	Correction of errors Accounting rules	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-accounting-0452/past-papers
MAY	Partnerships	Formative		https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-accounting-0452/past-papers
SUMMER	BREAK	Formative	SUMMER	BREAK
JUNE	Limited companies	Formative		https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-accounting-0452/past-papers
JULY	Clubs and societies Calculation and understanding of accounting ratios Interpretation of accounting ratios	Formative	Valuation of inventory Partnerships	https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-accounting-0452/past-papers
AUGUST	Inter-firm comparison Incomplete records Manufacturing accounts	Formative		https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-accounting-0452/past-papers

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

HALF YEARLY SYLLABUS

Introduction to accounting
Double entry book-keeping
The trial balance
Double entry book-keeping
Petty cash books
Business documents
Books of prime entry
Financial statements-Part-A
Financial statements- Part- B
Accounting rules
Other payables and other receivables
Accounting for depreciation and disposal of non-current assets
Irrecoverable debts and provisions for doubtful debts
Bank reconciliation statements
Journal entries and correction of errors
Control accounts
Valuation of inventory
Partnerships
Limited companies
Clubs and societies
Calculation and understanding of accounting ratios
Interpretation of accounting ratios
Inter-firm comparison
Incomplete records
Manufacturing accounts

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

Economics

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	4. Government and the macroeconomy	the role of government the macroeconomic aims of government possible conflicts between macroeconomic aims		
MAY	Government and the macroeconomy	reasons for government spending 4.3.3 reasons for taxation 4.3.4 classification of taxes 4.3.5 principles of taxation 4.3.6 impact of taxation 4.3.7 definition of fiscal policy 4.3.8 fiscal policy measures 4.3.9 effects of fiscal policy on government macroeconomic aims	Ut 1: government and the macroeconomy: unit 4.1	
SUMMER	BREAK		SUMMER	BREAK
JUNE	Government and the macroeconomy	definition of supply-side policy supply-side policy measures effects of supply-side policy measures on government macroeconomic aim		
JULY	5. Economic development	comparing living standards and income distribution policies to alleviate poverty and redistribute income the effects of changes in the size and structure of population on different countries differences in economic development between countries	Ut 2: unit 4.7,4.8	
AUGUST	6. International trade and globalisation)	advantages and disadvantages of specialisation at a national level role of multinational companies (MNCs) Foreign exchange rates consequences of foreign exchange rate fluctuations consequences of current account deficit and surplus policies to achieve balance of payments stability		

Monthly Syllabus for the session 2024-25 Grade X (CAIE)

MATHEMATICS

MONTH	TOPIC	MODE OF ASSESSMENT	REINFORCEMENT PORTION	ADDITIONAL RESOURCES
APRIL	Graphs: Equation of a Straight Line.	Bridge class		Worksheet-1
MAY	Graphs (contd.) Plotting of curves Interpreting graphs Graphical solution of equations. Distance-Time & Speed-Time graphs	Revision + Real life application. Quiz	Unit Test-1 Equation of a straight line.	Worksheet-2 PYQs
SUMMER			SUMMER	BREAK
JUNE	Differentiation Sets Vectors	Revision + Real life application. Quiz		Worksheet-3 PYQs
JULY	Functions. Statistics	Revision + Real life application. Quiz	Unit Test-2 Graphs Sets	Worksheet-4 PYQs
AUGUST	Probability Revision	Revision + Real life application. Quiz	HALF YEARLY SYLLABUS Graphs Set Vectors Functions Statistics Probability	Worksheet-5 PYQs