

G.D.GOENKA WORLD SCHOOL
SYLLABUS FOR PREBOARD EXAMINATION-JANUARY 2018
GRADE X

ENGLISH -Literature

Literature 0486
Merchant of Venice Complete text Act 1,2,3,4,5
An Inspector Calls complete text Act 1,2,3
Mansfield Park complete text
15 Poems from songs of ourselves
She Was a Phantom of Delight
Grandma Knitting
Father Returning home
Clod and Pebble
Lovers infiniteness
Love 3
Heart and Mind
Stabat Mater
Song
Passion
Lion Heart
Coming Home
Tiger in the Menagerie
Last Sonnet
Lost Woman

ENGLISH -Language

Language 0500 FLE
Letter Writing, Journal entry
Writer's effect
Report writing
Article writing
Speech writing
Conversation /dialogue /interview
Narrative writing
Descriptive writing
Note making
Summary writing

ENGLISH AS A SECOND LANGUAGE:

(As per CIE syllabus) Reading: Advertisements brochures, leaflets , Manual, Report, newspapers, magazine articles with graphical Element Writing: Form filling , Note making , Summary writing, Descriptive Writing ,Articles, Formal & Informal letters, Email Writing , Diary Writing Listening : Tape Scripts Speaking : Oral Assessment Cards

HINDI –

(P-1)Written examination consisting of six exercises that test a range of reading and writing skills.Types of task include:short answer questions ,multiple matching,note making,summarywriting ,functional writing,extended writing.

(P-2) Listening (Based on CD)

FRENCH-

A. Everyday activities Home life and school

Food, health and fitness, Home life,
School routine,
Eating and drinking
Health and fitness

B.Personal and social life Self, family and personal relationships

Holidays and special occasions
Self, family, pets, personal ,relationships House and home
Leisure, entertainments, invitations Eating out Festivals
and special occasions Holidays; getting around
Accommodation

C.The world around us Home town and local area

Natural and made environment
People, places and customs
Home town and geographical surroundings Shopping
Public services Natural environment Weather Finding the
way Meeting people Places and customs Travel and
transport

D.The world of work Continuing Education Careers and employment

Language and communication in the work place
Further education and training Future career plans.

E .The international world Tourism at home and abroad

Life in other countries and communities
World events and issues
Holiday travel and transport, Weather, Meeting people.

GERMAN –

Self, family, friends, [description of people & personal relationships, everyday life, clothing, Internet, Hobbies/Leisure activities, Type of home, describing ones home/rooms, helping around the house/household chores, pocket money, School life, subjects, options, strengths, weaknesses, Food, meals, keeping fit, eating healthy, eating out, Parts of the body, Illness' & getting hurt [includes accidents] buying basic medical supplies, fixing an appointment with the doctor, Overlaps with 'local area', understanding the environment, environmental **problems & solutions, Overlaps with 'Travel & Tourism' and 'food'**

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Travel and Transport-reinforcement & detail, Holiday plans, types of accommodation, weather, Means of transport, public & private transport, advantages & disadvantages of both, Transport

ECONOMICS:

1. The basic economic problem, choice and the allocation of resources

1.The basic economic problem

2. The allocation of resources, how markets work and market failure

1.Economic systems

2. How markets work

3.Social Costs and benefits

3. The individual as producer, consumer and borrower

1. Money and finance

2.Occupation and earnings

3.The role of trade unions

4.Spending, Saving and borrowing

4.The Private firm as producer and employer

1.Types of business organizations

2.Organization of production

3.Growth of firms

4.Competition

5.Role of government in an economy

1.Government economic policies.

2.Taxation

6.Economic indicators

1.Price inflation

2.Employment and unemployment

3.Output and growth

7.Developed and Developing economies, trends in production, population and living standards

1.Developed and less developed economies

2.Balancing international payments

8. International Aspects

1.International specialization and trade

2.Balancing international payments

BUSINESS STUDIES: Complete syllabus as per CIE

1 Understanding business activity

• Business activity

• Classification of businesses

• Enterprise, business growth and size

• Types of business organisation

• Business objectives and stakeholder objectives

2 People in business

• Motivating workers

• Organisation and management

• Recruitment, selection and training of workers

• Internal and external communication

3 Marketing

• Marketing, competition and the customer

• Market research

• Marketing mix

• Marketing strategy

4 Operations management

• Production of goods and services

• Costs, scale of production and break-even analysis

• Achieving quality production

• Location decisions

5 Financial information and decisions

• Business finance: needs and sources

• Cash-flow forecasting and working capital

• Income statements

• Balance sheets

• Analysis of accounts

6 External influences on business activity

• Government economic objectives and policies

• Environmental and ethical issues

• Business and the international economy

HISTORY

1. Were the peace treaties of 1919-23 fair ?
2. To what extent was the league of nations a Success?
3. Why had international peace collapsed by 1939?
4. Who was to blame for the cold war?
5. How effectively did the USA contain the spread of communism?

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6. How secure was the USSR's control over Eastern Europe 1948- 1989?
7. Why did events in the gulf matter , C.1970-2000?

Depth studies – Germany and china

GEOGRAPHY

- 1.Population
- 2.Migration
- 3.Settlement and urban growth
- 4.Urban Change
- 5.Urbanization in Developing countries
- 6.Drainage basins and river
- 7.Ecosystems-Tropical Rain forests and Desert
- 8.Industry
- 9.Energy Resources
- 10.Employment structure
- 11Plate Tectonics
- 12.River
- 13.Coasts
- 14.Farming/Soil
- 15.Tourism
- 16.Globalisation and Development
- 17.Environmental Risks

GLOBAL PERSPECTIVES

Demographic change
Education
Employment
Fuel and energy
Globalisation
Law and Criminality
Migration
Transport System

EVM-Complete syllabus as per CIE

1. Lithosphere
2. Hydrosphere
3. Atmosphere
4. Biosphere

PHYSICS

Complete syllabus as per CIE

Unit-1 General physics
Unit -2 Thermal Physics

Unit-3 Properties of water including light and sound
Unit-4 Electricity and magnetism
Unit-5 Atomic physics

BIOLOGY

Unit-1 Characteristics &classification of living organism
Unit-2 Organization and maintenance of organisms
Unit-3 Development of organisms and the continuity of life
Unit-4 Organisms and their environment

CHEMISTRY (0620)

- 1.The particulate nature of matter.
- 2.Experimental techniques
- 3.Atoms, elements and compounds
- 4.Stoichiometry
- 5.Electricity and chemistry
- 6.Chemical energetics
- 7.Chemical Reactions
- 8.Acid, bases and salts
- 9.The periodic table
- 10.Metals
- 11.Air and Water
- 12.Sulfur
- 13.Carbonates
- 14.Organic chemistry

PHYSICAL EDUCATION

Unit 1-Factors affecting performance

- 1.Skill
- 2.Motivation and mental preparation
- 3.Skeleton and joints
- 4.Muscles and tendons
- 5.Circulatory and respiratory systems
- 7.Physique
- 8.Drugs

Unit-2Health safety and training

- 1.Health
- 2.Diet
3. Games:Safe practice
- 4.Injuries

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Unit 3-Global events

Unit 4. Media

COMPUTER SCIENCE

Section 1

Theory of Computer Science

- 1.1 Data representation
 - 1.1.1 Binary systems
 - 1.1.2 Hexadecimal
 - 1.1.3 Data storage
- 1.2 Communication and Internet technologies
 - 1.2.1 Data transmission
 - 1.2.2 Security aspects
 - 1.2.3 Internet principles of operation
- 1.3 Hardware and software
 - 1.3.1 Logic gates
 - 1.3.2 Computer architecture and the fetch-execute cycle
 - 1.3.3 Input devices
 - 1.3.4 Output devices
 - 1.3.5 Memory, storage devices and media
 - 1.3.6 Operating systems
 - 1.3.7 High- and low-level languages and their translators
- 1.4 Security
- 1.5 Ethics

Section 2

Practical Problem-solving and Programming

- 2.1 Algorithm design and problem-solving
 - 2.1.1 Problem-solving and design
 - 2.1.2 Pseudocode and flowcharts
- 2.2 Programming
 - 2.2.1 Programming concepts
 - 2.2.2 Data structures; arrays
- 2.3 Databases

MATHEMATICS EXTENDED

- 1.NUMBER
- 2.ALGEBRA 1
- 3.MENSURATION
- 4.GEOMETRY
- 5.ALGEBRA 2
- 6.TRIGONOMETRY
- 7.GRAPHS
- 8. SETS,VECTORS and FUNCTION
- 9.STATISTICS And PROBABILITY
- 10. MATRICES and TRANSFORMATION

MATHEMATICS -CORE

SHAPE and SPACE 1

ALGEBRA 1

NUMBER1

HANDLING DATA1

SHAPE and SPACE 2

ALGEBRA 2

NUMBER 2

PROBABILITY

SHAPE and SPACE 3

NUMBER 3

ICT

- 1 Types and components of computer systems
- 2 Input and output devices
- 3 Storage devices and media
- 4 Networks and the effects of using them
- 5 The effects of using IT
- 6 ICT applications
- 7 The systems life cycle
- 8 Safety and security
- 9 Audience
- 10 Communication
- 11 File management
- 12 Images
- 13 Layout
- 14 Styles
- 15 Proofing
- 16 Graphs and charts
- 17 Document production
- 18 Data manipulation
- 19 Presentations
- 20 Data analysis
- 21 Website authoring