

DPS STS DHAKA
MID TERM SYLLABUS
GRADE 8
2018-19
Bangla Syllabus 2018-19
Grade: 8

Mid Term

Topic:

গদ্য:

লেখার দক্ষতা বৃদ্ধিতে সহায়ক বিষয়: -

- 1। সুখী মানুষ
- 1। ভাবসম্পসারণ
- 2। মংডুর পথে
- ২। সারাংশ/ সারমর্ম
- ৩। বাংলা ভাষার জনুকথা
- ৩। কম্পিউহেন্শন

পদ্য:

৪। চিঠি

- 1। নারী
- ৫। রচনা (সৃজনশীল লেখা)
- 2। আবার আসিব ফিরে
- ৬। কর্ম অনুশীলন

৭। শ্রুতলিপি

সহায়ক পাঠঃ

একাত্তরের চিঠি

ব্যাকরণ:

১। বিপরীত শব্দ

২। প্রতিশব্দ

৩। বাগধারা

৪। এক কথায় প্রকাশ

ENGLISH:

General Reading Comprehension (unseen)

Commenting on Writer's Choice of Language

Summary Writing

Response Writing: Formal Letter, Informative Speech, Newspaper Report

Free Hand Writing

Literature: Journey to the Centre of the Earth

Subject- General Mathematics

- **Chapter 1 : Ratio and Proportion, Percentages, Speed, Distance and Time**
- **Chapter 2 : Quadratic Equation, Problem solved by quadratic equation**
- **Chapter 3 : Full**
- **Chapter 4 : Fundamental Results**

Syllabus for Mid Term Examination
Session : 2018- 2019
Additional Mathematics
Grade : VIII

Subject	Chapter number and name	Unit	Content
Additional Mathematics	Ch-3 Indices, Surds and Logarithms	3.1	Indices and surds
		3.2	Exponential Equations
		3.3	Logarithms
		3.4	Common and Natural Logarithms
		3.5	Laws of Logarithms
		3.6	Logarithms Equations
		M.Ex 3	
	Ch.- 4 Quadratic Expressions and Equations	4.1	Maximum/Minimum Value of a Quadratic Expression
		4.2	Roots of a Quadratic Equation
		4.3	Solving Quadratic Inequalities
		M.Ex 4	Solving Cubic Equations
	Ch.- 7 Coordinate Geometry	7.1	Distance of Two Points
		7.2	Midpoint of a Line Joining Two Points
		7.3	Gradient of a line Passing through Two Points
		7.4	Equations of a Straight Line
		7.5	Equations of Parallel and Non-Parallel Lines
		7.6	Equations of a Perpendicular lines
		7.7	Perpendicular Bisector
		7.8	Intersection of a Straight Line and a Curve
		M.Ex 7	

Chemistry grade 8

Textbook: Complete Chemistry for Cambridge IGCSE

Sl. No.	Chapter No.	Name of the chapter	Topic
1	Chap: 4 Pg 53-59	Atoms combining	Topic 4.7- Comparing ionic and covalent compounds Topic 4.8- Giant covalent structures Topic 4.9- The bonding in metals
2	Chap: 5 Pg 66-74	Reacting masses and chemical equations	Topic 5.1- The names and formulae of compounds Topic 5.2- Equations for chemical reactions Topic 5.3- The masses of atoms, molecules. and ions Topic 5.4- Some calculations about masses and %
3	Chap-6 Pg 76 -90	Using moles	Topic 6.1- The mole Topic 6.2- Calculations from equations, using the mole Topic 6.3- Reactions involving gases Topic 6.4- The concentration of a solution Topic 6.5- Finding the empirical formula Topic 6.6- From empirical to final formula Topic 6.7- Finding % yield and % purity
4	Chap-11 Pg 148-164	Acids and alkalis	Topic 11.1- Acids and alkalis Topic 11.2- A closer look at acids and alkalis Topic 11.3- The reactions of acids and bases Topic 11.4- A closer look at neutralization Topic 11.5- Oxides Topic 11.6- Making salts Topic 11.7- Making insoluble salts by precipitation Topic 11.8- Finding concentrations by titration
5	Chap-12 Pg 166 - 180	The Periodic Table	Topic 12.1- An overview of the Periodic Table Topic 12.2- Group I: the alkali metals Topic 12.3- Group VII: the halogens Topic 12.4- Group 0: the noble gases Topic 12.5- The transition elements Topic 12.6- Across the Periodic Table

BIOLOGY SYLLABUS FOR GRADE 8
TERM 2 / SESSION: 2018 - 2019

CHAPTER NO.	CHAPTER TITLE
Chapter 4	BIOLOGICAL MOLECULES
Chapter 6	PLANT NUTRITION
Chapter 7	ANIMAL NUTRITION
Chapter 11	RESPIRATION AND GAS EXCHANGE (only 11.1 and 11.2)

Revision: All the previously completed chapters (Ch- 1,2,3 and 5) will also be included for the Mid -term examination.

Grade 8 Syllabus For 2nd Term A.Y 2018-2019

5. Forces and matter
6. energy transformation and energy transfer
7. energy resources
8. work and power
9. Kinetic model of matter
10. Transfer of Thermal Energy

Reference to Federal Physics

The above chapters will be taught during the 2nd Semester.

These chapters are a guideline from the Text Book: Federal Physics.

The teachers will follow their own pace providing additional notes, and or materials as deemed suitable for their respective sections.

ICT Grade-8 (Mid Term Syllabus)

Book: Cambridge IGCSE ICT 2nd Edition

Chapter 5: The Effects of Using ICT

Chapter 6: ICT Applications

Chapter 17. Document Production

Chapter 18. Data Manipulation

Question Pattern:

F/B, T/F, One Word Answer, Full Forms,

Drawing Diagrams/devices, Short question, Broad Question

Theoretical Assessment Pattern:

1. Multiple choice based on Pictures and practical concept
2. Analytical Questions
3. Diagram/flowchart based on particular topics of a chapter.
4. Practical problem solving questions
5. Descriptive questions and steps
6. Advantages and disadvantages
7. Self assessment questions. E.g. Any Innovative Idea has to be explained based on ICT.

Practical Assessment Pattern:

1. **Presentation:** designing master slide, creating chart, inserting image, slide orientation, animation and transitions.
2. **Access:** Designing Table, Relationship Between tables, Form Design, Query Design, Report Creation.

Necessary Softwares: Microsoft Office (Word, Power Point, Excel, Front Page, Access)

Economics Mid Term Syllabus

Text Book: Cambridge IGCSE and O Level Economics (course book), Second edition

Topic	Chapter
Price elasticity of demand	11
Price elasticity of supply	12
Market economic system	13
Market failure	14

Mixed economic system	15
Money and banking	16
Households	17

Business Studies Syllabus- Grade 8, Mid Term, Session 2018-19

Text Book: Cambridge IGCSE Business Studies (4th edition) Borrington & Stimpson

Chapter 6- Motivating workers

The importance of a well-motivated workforce:

- Why people work and what motivation means
- The concept of human needs – Maslow’s hierarchy
- Key motivational theories: Taylor and Herzberg

Methods of motivation:

- Financial and non-financial rewards and methods
- Recommend and justify appropriate method(s) of motivation in given circumstances

Chapter 7- Organization and Management

Draw, interpret and understand simple organizational charts:

- Simple hierarchical structures: span of control, hierarchy, chain of command and delegation
- Roles, responsibilities and inter-relationships between people in organizations

The role of management:

- Functions of management – planning, organizing, coordinating, commanding and controlling
- Importance of delegation; trust versus control

Leadership styles:

- Features of the main leadership styles – autocratic, democratic and laissez-faire
- Recommend and justify an appropriate leadership style in given circumstances

Trade unions:

- What a trade union is and the benefits of workers being union members

Chapter 8- Recruitment, selection and training of workers

The methods of recruiting and selecting workers:

- Recruitment and selection
- Difference between internal and external recruitment
- Main stages in recruitment and selection of staff
- Benefits and limitations of part-time and full-time workers

The importance of training and the methods of training:

- Importance of training to a business and workers
- Benefits and limitations of induction training, on-the- job training and off-the- job training

Why reducing the size of the workforce might be necessary:

- Difference between dismissal and redundancy with examples to illustrate the difference
- Understand situations in which downsizing the workforce might be necessary, e.g. automation or reduced demand for products
- Recommend and justify which workers to recruit/make redundant in given circumstances

Legal controls over employment issues and their impact on employers and employees:

- Legal controls over employment contracts, unfair dismissal, discrimination, health and safety, legal minimum wage

Chapter 9- Internal and external communication

Why effective communication is important and the methods used to achieve it:

- Effective communication and its importance to business
- Benefits and limitations of different communication methods including those based on information technology (IT)
- Recommend and justify which communication method to use in given circumstances

Demonstrate an awareness of communication barriers:

- How communication barriers arise and problems of ineffective communication; how communication barriers can be reduced or removed

Chapter 10- Marketing, competition and the customer

The role of marketing:

- Identifying customer needs
- Satisfying customer needs
- Maintaining customer loyalty; building customer relationships

Market changes:

- Why customer/consumer spending patterns may change
- The power and importance of changing customer needs
- Why some markets have become more competitive
- How business can respond to changing spending patterns and increased competition

Concepts of niche marketing and mass marketing:

- Benefits and limitations of each approach to marketing

How and why market segmentation is undertaken:

- How markets can be segmented, e.g. according to age, socio-economic grouping, location, gender
- Potential benefits of segmentation to business
- Recommend and justify an appropriate method of segmentation in given circumstances

Session-2018-19
Grade- VIII
Subject- Accounting

Chapter Number	Name of chapters
1	Introduction to accounting
2	Double entry book-keeping part A
3	The Trial balance
4	Double entry book keeping part-B
5	Petty cash book
6	Business documents

French second term syllabus:

Page 80-87, text Book.

Content as follows :

- Different festivals in France.
 - Vocabulary related to music
 - Verb conjugation of reflexive and irregular verbs.
 - Making imperative sentences
 - How to say timing in French
 - Describing daily activities
 - Reading comprehension
 - Family tree to describe family members
- And related exercises from Exercise Book.

