FINAL TERM SYLLABUS
GRADE 8
2018-19
Bangla Syllabus 2018-19
Grade: 8

Topic:

গদ্য:

১। তৈলচিত্রের ভূত

২। শিল্পকলার নানাদিক

৩। বাংলা নববর্ষ

পদ্য :

১। একুশের গান

২। পাছে লোকে কিছু বলে

লেখার দক্ষতা বৃদ্ধিতে সহায়ক বিষয়:-

১। ভাবসম্পসারণ

২। সারাংশ

৩। কম্প্রিহেন্শন

৪। ই-মেইল

৫। রচনা (সৃজনশীল লেখা)

৬। কর্ম অনুশীলন

৭। শ্রুতলিপি

Note : প্রয়োজনে সংযোজন ও বিয়োজন হতে পারে।

ENGLISH:

General Reading Comprehension (unseen)
Commenting on Writer's Choice of Language
Summary Writing
Response Writing: Official report, Persuasive Speech, Persuasive article, Journal Entries
Free Hand Writing
Literature: Journey to the Centre of the Earth- Chapter 16 to the end

FRENCH:

Main book : Page 92-108
Exercise book: Page 43-53

a. Uses of verbs : Aller and Venir.
b. Introduction to French speaking countries.
c. Preposition of places.
d. Structure of near future and recent past.
e. How to describe activities for vacation.
f. Uses of WH words.
g. Past tense.(le passé composé)
h. Self introduction and uses of polite form.
I. Vocabulary : page 109- 117.

Final Term Syllabus

Grade 8

General Mathematics

1. Chapter 3: Mensuration
   3.5   Volume
   3.6   Surface Area

2. Chapter 4: Geometry
   4.2   Pythagoras' Theorem
   4.3   Symmetry
   4.4   Similarity
   4.5   Circle Theorem

3. Algebra 2

   5.1   Algebraic fraction

   5.2   Changing the subject of a formula

   5.3   Variation

DPS STS DHAKA

Syllabus for Final Term Examination

Session : 2018- 2019

Additional Mathematics

Grade : VIII

Subject	Chapter number and name	Unit	Content
Additional Mathematics	Ch-5 Remainder and Factor theorem	5.1	Polynomial Identities
		5.2	Remainder Theorem
		5.3	Factor Theorem
		5.4	Solving Cubic Equations
		M.Ex 5	
	Ch.- 9 Functions	9.1	Introduction to function
		9.2	Composite Functions
		9.3	Inverse Functions
		9.4	Absolute valued Functions
		M.Ex 9	
	Ch-10 Trigonometry Functions	10.1	Trigonometric ratios and General Angles

		10.2	Trigonometric ratios and Any Angle
	Ch.- Sequence and Series		Worksheets and Handouts will be provided.

Chemistry grade 8

Session 2018 – 2019

Syllabus for Final Term

Textbook: Complete Chemistry for Cambridge IGCSE

Sl. No.	Chapter No.	Name of the chapter	Topic
1	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
2	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

3	Chap-13 Pg 178 - 188	The behavior of metals	Topic 13.1- Metals: a review Topic 13.2- Comparing metals for reactivity Topic 13.3- Metals in competition Topic 13.4- The reactivity series Topic 13.5- Making use of the reactivity series
4	Chap-15 Pg 206 - 218	Air and water	Topic 15.1- What is air? Topic 15.2- Making use of air Topic 15.3- Pollution alert! Topic 15.4- The rusting problem Topic 15.5- Water supply Topic 15.6- Living in space

SYLLABUS FOR GRADE 8
FINAL TERM / SESSION: 2018 - 2019

CHAPTER NO.	CHAPTER TITLE
Chapter 1	**Classification**
Chapter 2	**Cells**
Chapter 3	**Movement in and out of cell**
Chapter 4	**The Chemicals of Life**
Chapter 5	**Enzymes**
Chapter 6	**Plant nutrition**
Chapter 7	**Animal nutrition**
Chapter 8	**Transport in Plants**
Chapter 11	**Respiration and gas exchange**
Chapter 20	**Organisms and their Environment**

NOTE : All the chapters mentioned above will be included for MCQ paper -2. For Paper 4 and 6 selected chapters will be given.

PHYSICS:
Final Term A.Y 2018-2019.

Chapter 1: Making Measurements
1.1 Measuring Length and Volume
1.2 Improving precision in measurements
1.3 Density
1.4 Measuring time

Chapter 2: Describing motion
2.1 Understanding Speed
2.2 Distance-time Graphs
2.3 Understanding Accelerations
2.4 Calculating speed and accelerations

Chapter 3: Forces and Motion
3.1 Lift off
3.2 Mass, weight and gravity
3.3 Falling and Turning
3.4 Force, Mass and acceleration
3.5 Momentum
3.6 More about scalars and vectors

Chapter 4: Turning Effects of Forces
4.1 The moment of a force
4.2 Calculating moments
4.3 Stability and center of mass

Chapter 5: Forces and matter
5.1 Forces acting on solids
5.2 Stretching springs
5.3 Hooke's law
5.4 Pressure
5.5 Calculating Pressure

Chapter 6: Energy Transformations
6.1 Forms of energy
6.2 Energy conversions
6.3 Conservation of energy
6.4 Energy calculations

Chapter 8: Work and Power
8.1 Doing work
8.2 Calculating work done
8.3 Power

8.4 Calculating power

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Chapter 9: The Kinetic model of Matter
9.1 States of matter
9.2 The kinetic model of matter
9.3 Forces and the kinetic theory
9.4 Gases and the kinetic theory

Chapter 10: Thermal properties of matter
10.1 Temperature and temperature scales
10.2 Designing a thermometer
10.3 Thermal Expansion
10.4 Thermal Capacity
10.5 Specific Heat Capacity
10.6 Latent Heat

Chapter 11: Thermal Energy Transfers
11.1 Conduction
11.2 Convection
11.3 Radiation
11.4 Some consequences of thermal energy transfers

Information & Communication Technology(ICT) Grade-8 (Final Term Syllabus)	
	Chapter 4. Networks and the effects of using them
	Chapter 5. The effects of using ICT
	Chapter 6. ICT Applications
	Chapter 7. System of life cycle
	Chapter 19. Presentation
Book: Cambridge IGCSE ICT 2nd Edition	**Chapter 20. Data Analysis (Spreadsheet)**
	Question Pattern:
	F/B, T/F, One Word Answer, Full Forms,
	Drawing Diagrams/devices, Short question, Broad Question

Theoretical Assessment Pattern:	Practical 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.	**1. Presentation:** designing master slide, creating chart, inserting image, slide orientation, animation and transitions. **2. Spreadsheet:** Creating spreadsheet, working with cell references, data proofing, validation and formulae. **Necessary Softwares:** Microsoft Office (Word, Power Point, Excel, Front Page, Access)

Business Studies Syllabus

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

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

Chapter 11- Market research

The role of market research and methods used:

• Market-oriented businesses (uses of market research information to a business)

• Primary research and secondary research (benefits and limitations of each)

• Methods of primary research, e.g. postal questionnaire, online survey, interviews, focus groups; the need for sampling

• Factors influencing the accuracy of market research data

Presentation and use of market research results:

• Analyze market research data shown in the form of graphs, charts and diagrams: draw simple conclusions from such data

Chapter 12- The Marketing mix- product

• The costs and benefits of developing new products

• Brand image – impact on sales and customer loyalty

• The role of packaging

• The product life cycle: main stages and extension strategies; draw and interpret a product life cycle diagram

• How stages of the product life cycle can influence marketing decisions, e.g. promotion and pricing decisions

Chapter 13- The Marketing mix- price

• Pricing methods: cost plus, competitive, penetration, skimming and promotional; their benefits and limitations

• Recommend and justify an appropriate pricing method in given circumstances

• Understand the significance of price elasticity: difference between price elastic demand and price inelastic demand; importance of the concept in pricing decisions

Chapter 14- The Marketing mix- promotion and technology in marketing

Promotion:

• The aims of promotion

• Different forms of promotion and how they influence sales, e.g. advertising, sales promotion

• The importance of the marketing budget in making promotion decisions; need for cost effectiveness in spending the marketing budget

Technology and the marketing mix:

• Define and explain the concept of e-commerce

• The opportunities and threats of e-commerce to business and consumers

• Use of the internet and social networks for promotion

Chapter 15- The Marketing mix- place

Place – distribution channels:

• Advantages and disadvantages of different channels

• Recommend and justify an appropriate distribution channel in given circumstances

Syllabus for Final Term Exam
Session-2018-19
Grade-   VIII
Subject- Accounting

Chapter Number	Name of chapters
7	Books of Prime Entry
8	Financial Statement – Part A
9	Financial Statement – Part B
Notes:	Revision on all First Term and Mid Term's Chapters

ECONOMICS:

Chapters 13 to 19