



IGCSE-I DATE SHEET FOR FIRST TERM DECEMBER 2022

Date	Day	Subject	Code	Duration
12-12-2022	Monday	Mathematics	0580	3 Hours
13-12-2022	Tuesday	English	0500	3 Hours
14-12-2022	Wednesday	Biology	0610	3 Hours
		Economics	0455	2 Hours 15 Mins
15-12-2022	Thursday	Computer Science	0478	1 Hour 45 Mins
		Urdu	0539	3 Hours
19-12-2022	Monday	Chemistry	0620	3 Hours
		Business Studies	0450	2 Hours 30 Mins
20-12-2022	Tuesday	Islamiyat	0493 / 01	1 Hour 30 Mins
			0493/02	1 Hour 30 Mins
21-12-2022	Wednesday	Physics	0625	3 Hours
		Commerce	7100	2 Hours
		Accounting	0452	3 Hours
22-12-2022	Thursday	History & Culture of Pakistan	0448/01	1 Hour 30 Mins
		Environment of Pakistan	0448/02	1 Hour 30 Mins

Note:

- ❖ The exams are mandatory.
- ❖ Bring your own stationary.
- ❖ The school timings for the exams are 8:00am-12:00pm.
- ❖ In case of absence due to medical reason, medical certificate must be sent with an application.
- ❖ Please adhere to the timings as no extra time will be given to late arrivals.
- ❖ If you have any clash, kindly inform the coordinator prior.

1ST TERM EXAMINATION SYLLABUS FOR IGCSE-I

Accounting

<ol style="list-style-type: none"> 1. Fundamentals of Accounting <ul style="list-style-type: none"> • Concept of Accounting and Bookkeeping • Accounting terminology • Accounting equation 2. Verification of accounting records <ul style="list-style-type: none"> • Balancing off the 'T'accounts and transfer To the trial balance. • Concept of trial balance, its importance, and limitations 3. Preparation of financial statements <ul style="list-style-type: none"> • Concept of Final accounts • Trading & Profit and loss • Balance Sheet • Income statement: • Calculation of gross and net profit, uses of P&L account. 	<ol style="list-style-type: none"> 4. Sources and recording of Data <ul style="list-style-type: none"> • Introduction of Double Entry System • General Journal and posting to ledgers or T. accounts • Books of prime/original entries and their importance. • Business documents • Invoice, debit note, credit note, statement of account, cheque, receipt • Two column cash book and its preparation Trade discount and cash discount • Concept of Overdraft • Three Column cash book and its preparation • Sales daybook, sales ledger, general ledger. • Purchase daybook and purchases ledger • Return inwards and return outwards daybooks and their posting to the relevant ledgers.
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Biology

<ol style="list-style-type: none"> 1. Characteristics of living organisms 2. concept and use of classification system 3. Features of organisms 4. Dichotomous keys 5. Cell structure and organization 6. levels of organization 	<ol style="list-style-type: none"> 7. size of specimens 8. Diffusion 9. Osmosis 10. Active transport 11. Biological molecules 12. Enzymes 13. Photosynthesis 14. Leaf structure and Mineral requirement 15. Diet
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Business studies

1. Purpose of business Activities

- Concept of needs, wants and scarcity
- Economic problems and factors of production
- Concept of specialization, division of labor and opportunity cost

2. Business objectives

- Definition of business objectives and its importance
- Importance of stakeholders, conflicts between stakeholders
- stakeholders and their major concerns

3. Types of business activities

- Levels of economic activities
- Difference between public and private sector

4. Free market economy

- Characteristics, advantages, and drawbacks in detail

5. Planned or command economy

- Characteristics, advantages, and drawbacks

6. Mixed economy

- Economic systems and their detailed evaluation
- Concept of privatization along with arguments in favor and against privatization

7. Business growth

- Types of business growth internal and external
- Types of mergers and their advantages and drawbacks
- Ways of measuring the size of the business

8. Multinational firms

- Characteristics
- Advantages and drawbacks

9. Forms of business organizations

- Sole traders(advantages and drawbacks)
- Partnership(advantages and drawbacks)
- Difference between sole traders and partnership

10. Forms of business organizations

- Concept of joint stock companies - public and private limited companies.
- Difference between plc and pvt companies
- Franchise businesses
- Advantages and drawbacks to franchisor and franchisee
- Difference between cooperative and corporations

11. Concept of enterprise and entrepreneur

- Characteristics of a successful entrepreneur
- How business plan helps entrepreneur

12. Concept of small business

- Characteristics, advantages, and drawbacks

13. Failure of few businesses

- Reasons for failure
- Should government support them or not
- Social entrepreneur and objectives of social businesses

Chemistry		
<p>1. KP Theory:</p> <ul style="list-style-type: none"> ➤ States of matter ➤ Diffusion <p>2. Experimental design:</p> <ul style="list-style-type: none"> ➤ Purification Method ➤ Crystallization ➤ Evaporation ➤ Filtration ➤ Distillation ➤ Fractional distillation ➤ Chromatography 	<p>3. Differences between Elements, Compounds, Mixtures</p> <p>4. Atomic Structure:</p> <ul style="list-style-type: none"> ➤ Symbols ➤ Isotopes ➤ Ionic Bonding ➤ Covalent Bonding ➤ Macromolecules ➤ Metallic Bonding ➤ Explain in terms of structure and bonding <p>Properties of metals:</p> <p>(a) good electrical conductivity</p> <p>(b) malleability and ductility</p>	<p>4. Formula</p> <ul style="list-style-type: none"> ➤ Construct chemical equation ➤ Balancing equation ➤ Ionic Equation <p>5. Periodic Table</p> <ul style="list-style-type: none"> • Identify trends in groups, given information about the elements • Noble gases

Computer Science	
<p>1. Hardware</p> <ul style="list-style-type: none"> • Input and output devices • Data storage <p>2. Data representation</p> <ul style="list-style-type: none"> • Number system • Text, sound, and images • Data storage and compression 	<p>3. Software</p> <ul style="list-style-type: none"> • Types of software and interrupts • Types of programming language, translators, and integrated development environments (IDEs)

English

Unit1: Cape Town

- Summary

Robinson Crusoe

- Summary
- Journal Entry

Unit2:DirectedWriting

- “A Rock and a Hard Place”
- Informal Letter
- Directed Writing
- Formal Letter

Unit 3:Language of Description

Life of Pi

Crowded Market

- Descriptive Writing

Unit 4:

Inferring Writer’s Attitude Narrative writing

Unit 9:

Facing the Unknown

- Narrative Writing

Workbook:

Unit1:ComprehensionandSummary

Unit2:Summary Writing

Unit#2:“BearsandApes”

Unit3:SimplyFlying

- Descriptive
- Narrative
- Letter(Formal/Informal)
- Journal
- Article

Word Smart Book

- Words with A
- Words with B
- Words with C
- Words with D
- Words with E
- Words with F

Economics

1. Introduction to economics

2. Basic economic problem

3. Economic and free goods

4. Difference between microeconomics and macroeconomics

5. Factors of production and their rewards

6. Mobility of the factors of production

7. Quantity and quality of the factors of production

8. Opportunity Cost

9. Production possibility curve

10. Market economic system

11. Advantages and disadvantages of the market economic system

12. Planned economic system

13. Mixed economic system

14. Functions and characteristics of money

15. The role and importance of central banks and commercial banks for government, producers, and consumers

16. Classification of firms

17. In terms of primary/secondary/tertiary sectors and private/public sector, and the relative size of firms

18. Causes and forms of the growth of firms

19. Mergers

20. Economies and diseconomies of scale

21. Influences on spending, saving, and borrowing

22. Trade Union

23. Role of trade unions

24. Advantages and disadvantages of trade union activity

25. labor-intensive and capital-intensive production

26. production and productivity

27. Demand for FOP

Islamiyat		
<p><u>Life in Medina</u></p> <ul style="list-style-type: none"> • 1--5A.H <p><u>History and importance of Quran</u></p> <ul style="list-style-type: none"> • Compilation of Quran during the time of Rightly guided caliphs • Uses of Quran in daily lives <p><u>First Islamic Community</u></p> <ul style="list-style-type: none"> • Services and Importance of emigrants and Helpers • Scribes of divine revelation <p><u>History and importance of Hadith</u></p> <ul style="list-style-type: none"> • Structure of Hadith • Methods used by major compilers 	<p><u>Caliphate of Hazrat Umar(RA)</u></p> <ul style="list-style-type: none"> • Expansion of the Islamic Empire • (Battles undertaken against the Persian and the Byzantines) • Administration of Hazrat Umer(R.A) • Martyrdom and Character <p><u>Articles of Faith</u></p> <ul style="list-style-type: none"> • Life after death • Predestination <p><u>Pillars of Islam</u></p> <ul style="list-style-type: none"> • Zakat(charity) • Fasting 	<p><u>Surahs:</u></p> <ul style="list-style-type: none"> • Surah Alaq(96:1-5) • Surah Fatiha(1) • Surah Zilzaal(99) • Surah Baqarah(2) • Surah AnNaas(114) <p><u>Hadith</u></p> <ul style="list-style-type: none"> • 11 • 12, • 13 • 14 • 15

ICT
<p>Chapter1-4 MS Word Task of Paper 2.</p>

Math		
<p><u>Book- D2</u></p> <ul style="list-style-type: none"> • Chapter:3 Expansion and Factorization of Quadratic Expression • Chapter:4 Further Expansion and Factorization of Algebraic Expression • Chapter:5 Quadratic Equations and Graphs 	<ul style="list-style-type: none"> • Chapter:6 Algebraic Fractions and Formulae Exercise6A Exercise6B(Q1.-Q3.Only) Exercise 6C(Q1.-Q Only) 	<ul style="list-style-type: none"> • Chapter: 12 VolumeandSurfaceAreaofPyramids,ConesandSpheres(IncludesCompositeFigures) • Chapter:14 Sets(Includes Shading) • Chapter:16 Statistical Diagrams

Pakistan Studies

HISTORY	GEOGRAPHY
<p><u>History Timeline from 1909 -1937 all topics from book</u></p> <ol style="list-style-type: none"> 1. MintoMorley1909 2. Reversal of partition of Bengal 3. LucknowPact1916 4. Montagu-ChelmsfordReforms1919 5. Rowlett act 6. AmritsarMassacre1919 7. KhilafatMovement1919-1924 8. SimonCommission1927 9. NehruReport1928 10. 14pointsofJinnah1929 11. Allahabadaddress1930 12. SaltMarch1930 13. RoundtableConference1931-32 14. GovtofIndiaact1935 15. 1937Election 	<p>Climate - Complete Chapter</p> <ul style="list-style-type: none"> • Elements of climate • Climatic regions and their features • Sources of rainfall • Hazards <p>Agriculture - Complete Chapter</p> <ul style="list-style-type: none"> • Types of agriculture • Agricultural processes • Individual crops • Green revolution • Vegetable and fruit farming • Livestock farming • Types ,distribution, reasons

Physics

<ul style="list-style-type: none"> • Length and time, • Speed, velocity, and acceleration • Mass and weight • Density(Floating Liquid don't mix) • Freefall(9.81m/s²) • Forces • Factors affecting centripetal Force Friction or Drag Of forces 	<ul style="list-style-type: none"> • Turning Effect(Moments) • Equilibrium • Centre of mass • Scalars and vectors • Energy • Scalars and vectors • Energy(all Types including Electrostatic) 	<ul style="list-style-type: none"> • Energy sources • Work • Power • Conservation of Energy(Sankey Diagrams) • Electrical Power generation from Sources • Pressure • Momentum • Collisions
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Urdu

تفہیم سبق نمبر 23
سوال نمبر 1,3
خلاصہ ، ذخیرہ الفاظ

سبق نمبر 24
تصویری مشق 1,2,3,8
خط/آی میل

وہ اور میں سبق نمبر 26
سوال نمبر 1(1,2,3,4)
سوال نمبر 3(الف , ب
سوال نمبر 7
ذخیرہ الفاظ

سبق نمبر 27
جھوٹ کے پاؤں نہیں ہوتے
سوال نمبر 1,8
ذخیرہ الفاظ

سبق نمبر 27
مرد مسلمان
سوال نمبر 2,3,4,5,6
علامہ اقبال کی سوانح عمری

سبق نمبر 35
تفہیم
سوال نمبر 1,2,5 خلاصہ
ذخیرہ الفاظ

مضامین
میرا پسندیدہ مشغلہ 1
آداب و اطوار-2
ناگہانی آفت-3
دوستی-4
انٹرنیٹ-5