



ST. MARY'S *Catholic High School, Dubai*

PORTION FOR THE FIRST TERM EXAMINATION – January, 2024

ACCOUNTING

Year 13

Company Financial Statements

Issue of Shares

Reserves, revaluation of assets and company related journal entries.

Amalgamation and Merger of Companies

Cash Flow Statement

Marginal Costing and Absorption Costing

Break even analysis

Investment Ratios



مدرسة القديسة مريم الكاثوليكية الثانوية – دبي ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

Portion of First Term Exam Academic year (2023-2024)

Portion of year13 Arabic (A)

المادة المقررة لامتحان اللغة العربية الفصل الدراسي الأول الصف الثالث عشر

القراءة

- 1- نص شعري : أرق على أرق - المتنبى
- 2- نص شعري : البركة - البحتري
- 3- نص معلوماتي : لماذا نعد النجوم.
- 4- قصة قصيرة: سلطان بن سالم القاسمي.
- 5 - قصة قصيرة: علامة تعجب.
- 6 - قصة قصيرة: شاعرتان مبدعتان منذ الصغر- سلطان العميمي.
- 7- نص خارجي لقياس المهارات القرائية.

النحو

- 1- الجملة الاسمية ومكملاتها:
- كان وأخواتها – إن وأخواتها – كاد أخواتها (أفعال المقاربة والرجاء والشروع)- ظن وأخواتها – لا النافية للجنس.
- 2- جميع المهارات النحوية التي سبق دراستها
(الاستثناء – صيغ المبالغة – اسما الزمان والمكان- اسم التفضيل ...)

البلاغة

- 1- الصور البيانية (التشبيه والاستعارة)
- 2- المحسنات البديعية (المقابلة و الطباق، الترادف، الجناس).
- 3-الاسلوب الخبري والانشائي بأنواعه.

الكتابة

- كتابة في أحد النصوص الأدبية التالية: السردية أو الإقناعية أو الوصفية.
- كتابة استجابة أدبية لنص أدبي.
 - تلخيص .



Biology Portions for First Term Examination – Jan, 2024

Year 13 – Paper 1

Biology B - Book 1 – Paper 1

<u>Topic 1- Biological molecules</u> 1.1 Chemistry for life. 1.2 Biological molecules -1 1.3 Biological molecules - 2 1.4 Enzymes Text Book – Pg.8 - 67	<u>Topic 3- Classification</u> 3.1 Classification 3.2 Natural selection 3.3 Biodiversity Text Book – Pg.150 - 209
<u>Topic 2- Cells and viruses</u> 2.1 Prokaryotic cells. 2.2 Eukaryotic cells. 2.3 Eukaryotic cell division 2.4 Meiosis & sexual reproduction Text Book – Pg.68 - 149	<u>Topic 4 – Exchange and transport</u> 4.1 Cell transport mechanisms 4.2 Gas exchange 4.3 Circulation 4.4 Transport in plants Text Book – Pg. 210 - 293

Year 13 – Paper 2

Biology B - Book 2 – Paper 2

<u>Topic 5- Energy for life processes</u> 5.1 Cellular Respiration 5.2 Photosynthesis Text Book – Pg.10 -41	<u>Topic 7 – Modern genetics</u> 7.1 Using gene sequencing 7.2 Factors affecting gene expression 7.3 Gene technology Text Book – Pg.94 - 135
<u>Topic 6- Microbiology and pathogens</u> 6.1 Bacteria and disease 6.2 Non bacterial pathogens 6.3 The response to infection Text Book – Pg.42 - 91	<u>Topic 8- Origins of genetic variation</u> 8.1 Genetic information 8.2 Gene pools Text Book – Pg.136 - 173



ST. MARY'S *Catholic High School, Dubai*

PORTION FOR THE FIRST TERM EXAMINATION – January, 2024

BUSINESS

Year 13

Paper 1

Theme 1 - Whole

Theme 4 - Chapters 66 to 77

Paper 2

Theme 2 - Whole

Theme 3 - Chapters 44 to 62



Chemistry Portion for First Term Examination – Jan, 2024

Year 13

Paper 1

TOPIC 1-Atomic structure and the periodic table

1.1 Atomic structure

1.2 The Periodic Table

TOPIC 2-Chemical bonding and structure

2.1 Giant Structures

2.2 Discrete Molecules

2.3 Physical properties related to structure and bonding.

TOPIC 3-Redox reactions

3.1 – Oxidation and reduction in terms of electrons

3.2 – oxidizing agents and reducing agents

TOPIC 4-Inorganic chemistry and the periodic table

4.1 – Group 2

4.2 – Group 7

TOPIC 5-Formulae, equations and amounts of substance

5.1 – Empirical and molecular formula

5.2 – Amount of substance

5.3 – Equations and calculations

5.4 – Errors and uncertainties

5.5 – Yield and atom economy

5.6 – Types of reaction

TOPIC 6-Organic chemistry

6.1 – Introduction to organic chemistry

6.2 – Hydrocarbons

6.3 – Halogenoalkanes

6.4 – Alcohols

TOPIC 7-Modern analytical techniques

7.1 – Mass spectrometry

7.2 – Infrared spectroscopy

TOPIC 8-Chemical energetics

8.1- Heat energy and Enthalpy

8.2 Bond Enthalpy

TOPIC 9-Reaction kinetics

9.1 – Reaction rate

TOPIC 10-Chemical equilibrium

10.1 – Reversible reactions and dynamic equilibrium

10.2 – Equilibrium position

Paper 2

TOPIC 11 - Further equilibrium

11.1 – Chemical equilibrium

TOPIC 12 - Acid - base equilibria

12.1 – Strong and weak acids

12.2- Acid – Base titrations

TOPIC 14 - Further Redox

14.1 – Standard electrode potential

14.2 – Redox in action

TOPIC 15 – Transition metals

15.1 – Principles of transition metal chemistry

15.2 – Transition metal reactions

15.3 – Transition metals as catalysts

TOPIC 17 - Further organic chemistry

17.1 Chirality

17.2 Carbonyl compounds

17.3 Carboxylic acids

17.4 Arenes-benzene

17.6 organic structures

17.7 Organic analysis



ST. MARY'S *Catholic High School, Dubai*

PORTION FOR THE FIRST TERM EXAMINATION – January, 2024

ECONOMICS

Year 13

Paper 1 - Theme-1 : Whole

Theme 3: Chapters 41- 56

Paper 2- Theme 2: Whole

Theme 4: Chapters 61-78



ST. MARY'S *Catholic High School, Dubai*

PORTION FOR THE FIRST TERM EXAMINATION 2023-2024 ENGLISH LITERATURE YEAR 13

UNIT 3 Post 1900 Unseen Poetry and Prose

TOTAL MARKS 50

Assessment duration: 2 hours.

Open book examination

MAIN OBJECTIVES

AO1: Articulate informed, personal and creative responses to literary texts, using associated concepts and terminology, and coherent, accurate written expression

AO2: Analyse ways in which meanings are shaped in literary texts

AO3: Demonstrate understanding of the significance and influence of the contexts in which literary texts are written and received

AO4: Explore connections across literary texts

AO5: Explore literary texts informed by different interpretations

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Section A –Post-1900 Poetry (20 Marks)

- Students answer one essay question on a post-1900 unseen poem.
- The unseen poem will be printed in the Source Booklet.

Section B – Prose

Colonization and After

- Heart of Darkness – Joseph Conrad (Part I)
- The Lonely Londoners – Samuel Selvon (Pages 1-105)

Students answer one comparative essay question from a choice of two, on the two studied prose texts from their chosen theme. (30 MARKS)

Unit- 4

TOTAL MARKS 50

Assessment duration: 2 hours.

Open book examination

MAIN OBJECTIVES

AO1: Articulate informed, personal and creative responses to literary texts, using associated concepts and terminology, and coherent, accurate written expression

AO2: Analyse ways in which meanings are shaped in literary texts

AO3: Demonstrate understanding of the significance and influence of the contexts in which literary texts are written and received

AO4: Explore connections across literary texts

AO5: Explore literary texts informed by different interpretations

Section A –Shakespearean Drama (Hamlet Acts I-V)

- Students answer one essay question from a choice of two on their studied play. (25 MARKS)

Section B – Section B: Pre 1900 Poems

The New Oxford Book of Victorian Verse, editor Christopher Ricks (OUP, 2008)

- Students answer one essay question from a choice of two on their chosen movement.

- The named poems will be printed in the Source Booklet. (25 Marks)

Victorian Poetry

Alfred Tennyson

From In Memoriam: VII ‘Dark house, by which once more I stand’

From In Memoriam: XCV ‘By night we linger’d on the lawn’

Charlotte Brontë

‘The Autumn day its course has run—the Autumn evening falls’

‘The house was still—the room was still’

‘I now had only to retrace’

‘The Nurse believed the sick man slept’

Charlotte Brontë (perhaps by Emily Brontë)

Stanzas – [‘Often rebuked, yet always back returning’]

Christina Rossetti

Remember

Echo

May

A Birthday

Somewhere or Other

Thomas Hardy

At the Inn

A Wife in London

Drummer Hodge

I Look Into My Glass

The Darkling Thrush

PATTERN OF THE FIRST TERM EXAMINATION PAPER JANUARY 2024

SUBJECT: ENGLISH LITERATURE IAL YEAR 13

**Paper Reference: Pearson Edexcel International Advanced Subsidiary in English Literature (XET01)
Pearson Edexcel International Advanced Level in English Literature (YET01)**

UNIT 3

Total Marks 50

Time: 2 hours

(Including reading time)

There will be **two** sections on the paper. Students should be advised to spend equal time (**about 1 hour**) on each section of the paper.

SECTION A : Post-1900 Unseen Poetry (20 Marks)

Students are required to answer one essay question on a post-1900 unseen poem.

Students are required to:

- show knowledge and understanding of the function of genre features and conventions in poetry
- show knowledge and understanding of a range of ways to read texts, including reading for detail of how writers use and adapt language, form and structure in texts, responding critically and creatively
- communicate fluently, accurately and effectively their knowledge, understanding and critical evaluation of texts
- identify and explore how attitudes and values are expressed in texts
- use literary critical concepts and terminology with understanding and discrimination
- make appropriate use of the conventions of writing in literary studies, referring accurately and appropriately to texts and sources.
- Assessment Objectives covered are AO1, AO2, AO3, AO4 and AO5

Section B – Prose

Colonisation and After (30 Marks)

- Heart of Darkness – Joseph Conrad
- The Lonely Londoners – Samuel Selvon

Students answer one comparative essay question from a choice of two, on the two studied prose texts from their chosen theme.

Students are required to:

- show knowledge and understanding of how genre features and conventions operate in prose fiction texts
- show knowledge and understanding of a range of ways to read texts, including reading for detail of how writers use and adapt language, form and structure in texts, responding critically and creatively
- show knowledge and understanding of a range of literary texts and make connections and explore the relationships between texts
- show knowledge and understanding of the contexts in which texts have been produced and received and understanding of how these contexts influence meaning
- identify and explore how attitudes and values are expressed in texts
- communicate fluently, accurately and effectively their knowledge, understanding and evaluation of texts
- use literary critical concepts and terminology with understanding and discrimination
- make appropriate use of the conventions of writing in literary studies, referring accurately and appropriately to texts and sources.
- Assessment Objectives covered are AO1, AO3, AO3, AO4 and AO5.

UNIT 4

Total Marks 50

Time: 2 hours_

(Including reading time)

There will be **two** sections on the paper. Students should be advised to spend equal time (**about 1 hour**) on each section of the paper.

SECTION A : Shakespeare- Hamlet

- Students answer one essay question from a choice of two on their studied play. (25 MARKS)

Students are required to:

- show knowledge and understanding of how Shakespeare uses dramatic forms to shape meaning in drama texts and evoke responses in audiences
- show knowledge and understanding of a range of ways to read and experience texts, responding critically and creatively
- show knowledge and understanding of the contexts in which texts have been produced and received and understanding of how these contexts influence meaning

- respond to and evaluate texts, drawing on their understanding of interpretations by different readers such as literary critics
- identify and explore how attitudes and values are expressed in texts
- communicate fluently, accurately and effectively their knowledge, understanding and evaluation of texts
- use literary critical concepts and terminology with understanding and discrimination
- make appropriate use of the conventions of writing in literary studies, referring accurately and appropriately to texts and sources.

Assessment Objectives covered are AO1, AO2, AO3, AO4 and AO5.

Section B –Victorian Poetry

- Students answer one essay question from a choice of two on their chosen movement. (25 Marks)

Students are required to:

- show knowledge and understanding of the function of genre features and conventions in poetry
- show knowledge and understanding of a range of ways to read texts, including reading for detail of how writers use and adapt language, form and structure in texts, responding critically and creatively
- show knowledge and understanding of the contexts in which texts have been produced and received and understanding of how these contexts influence meaning
- communicate fluently, accurately and effectively their knowledge, understanding and critical evaluation of texts
- identify and explore how attitudes and values are expressed in texts
- use literary critical concepts and terminology with understanding and discrimination
- make appropriate use of the conventions of writing in literary studies referring accurately and appropriately to texts and sources

Assessment Objectives covered are AO1, AO2, AO3, AO4 and AO5.



ST. MARY'S *Catholic High School, Dubai*

ISLAMIC STUDIES “B”

PORTION FOR THE FIRST TERM EXAMS 2023-24

YEAR 13

1. Responsibility in Islam
2. Allah's Messenger and Social life
3. Social Interaction Good Conduct and Manners
4. The Prophetic Methodology in Health Care
5. National services is a Shariah Duty
6. Prohibited Sales
7. Extremism



FIRST TERM EXAMINATION PORTION – JAN 2024

YEAR 13 - MATHEMATICS (Paper 1, 2, 3)

Paper 1- Pure Mathematics-100 Marks (2 Hours)

Paper 2- Pure Mathematics-100 Marks (2 Hours)

Paper 3- Statistics and Mechanics (50 +50= 100 Marks) - 2 Hours

Pure Mathematics(Paper 1 & 2)

- Pure Mathematics Book 1- Entire Content(Ch 1 to 14)
- Pure Mathematics Book 2- (Ch 1 to 9)

Statistics & Mechanics(Paper 3)

- Statistics- Entire content from Book 1(Ch1 to 7) and Book 2(Ch 1,2,3)
- Mechanics- Entire content from book 1(Ch 8 to 11)
 - Book 2 (Ch 4, 5 and 6)



Physics Portions for First Term Examination – Jan, 2024

Year 13

Paper 1

Topic 1 - Working as a Physicist

Topic 2 - Mechanics

Topic 3 - Electric circuits

Topic 4 - Materials

Topic 5 - Waves and particle nature of light

And concepts from relevant practicals will be included.

Paper 2

Topic 1- Working as a Physicist

Topic 6.2 Circular Motion

Topic 7.1 Electric fields

Topic 7.2 Capacitors

Topic 7.31 Magnetic fields

Topic 7.32 Electric motors

Topic 7.33 Magnetic forces

Topic 9- Thermodynamics

Topic 10 – Nuclear Radiation

Topic 13- Oscillations.

And concepts from relevant practicals will be included.



ST. MARY'S Catholic High School, Dubai

1st Term examination January 2024

Portion for psychology year 13

Year	Portion for 1st term examination
13	<p>Paper 1:</p> <p>Social Psychology: Chapter 1: Social Psychology, page 4-69</p> <ol style="list-style-type: none">1. An introduction to social psychology2. Content in social psychology3. Methods on social psychology4. Studies in social psychology5. Key questions in social psychology6. Practical investigation in social psychology <p>Chapter 5: Methods in social psychology, page 282 -314</p> <p>Chapter 6: Mathematical elements in social Psychology, page 387-399</p> <p>Chapter 7: Practical investigation in social psychology, page 417- 430</p> <p>Cognitive Psychology: Chapter 2: Cognitive Psychology, page 74-129</p> <ol style="list-style-type: none">1. An introduction to cognitive psychology2. Content in cognitive psychology3. Methods in cognitive psychology4. Studies in cognitive psychology5. Key questions in cognitive psychology6. Practical investigation in cognitive psychology7. Issues and debates in cognitive psychology <p>Chapter5: Methods in cognitive psychology, page 315 – 339</p>



Chapter 6:

Mathematical elements in cognitive psychology, page 400 - 406

Chapter 7:

Practical investigation in cognitive psychology. page 431-442

Biological Psychology:

Chapter 3: Biological Psychology, page 132-200

1. An introduction to biological psychology
2. Content in biological psychology
3. Methods in biological psychology
4. Studies in biological psychology
5. Key questions in biological psychology
6. Issues and debates in biological psychology

Chapter 5:

Methods in biological psychology, page 339 – 363

Chapter 6:

Mathematical elements in biological psychology, page 406 – 411

Chapter 7:

Practical investigation in biology psychology, page 442-454

Learning Theories:

Chapter 4: Learning Theories, page 203-274

1. An introduction to learning theories
2. Content in learning theories
3. Methods in learning theories
4. Studies in learning theories
5. Key questions in learning theories



Chapter 5:
Methods in learning theories, page 364-378

Chapter 6:
Mathematical elements in learning theories, page 411-416

Chapter 7:
Practical investigation in learning theories, page 454-466

Year 13:

Paper 2:

Chapter 1: Clinical psychology, page 1- 54 / 87-109 / 125-129/ 139- 141

1. Summary of learning objectives
2. An introduction to clinical psychology
3. Content in clinical psychology
4. Studies in clinical psychology
5. Key question in clinical psychology

Chapter 2: Methods, math's and practical application in Clinical psychology,
page 142-152

1. Health and care professional council
2. Researching mental health -longitudinal designs
3. Cross-cultural designs

Chapter 4: Child Psychology, page 359 – 419; 452 - 474

1. Summary of leaning objectives
2. An introduction to child psychology
3. Content in child psychology
4. Studies in child psychology
5. Key questions in child psychology