



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

PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

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
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Portion of First Term Exam Academic year (2024-2025)

Portion of year13 Arabic (A)

المادة المقررة لامتحان اللغة العربية الفصل الدراسي الأول

الصف الثالث عشر

**** القراءة والنصوص :**

- نص خارجي .
- قصيدة البركة للبحثري - للحفظ الأبيات من (1 إلى 6) .
- سلطان بن سالم القاسمي (السيرة الغيرية) .
- النصوص حولنا (1) (نص معلوماتي) .
- لماذا نعد النجوم ؟ (نص معلوماتي) .
- أنسنة المدن (نص معلوماتي) .
- علامة تعجب (قصة قصيرة) .
- ذكريات و أماني (قصة قصيرة) لمظفر الحاج مظفر .

**** البلاغة :**

- الخبرات السابقة من مثل : التشبيه والاستعارة بنوعيهما المكنية والتصريحية والمحسنات البديعية من مثل : (الطباق والمقابلة والسجع والجناس)
- الكناية .

**** القواعد النحوية :**

- الخبرات النحوية السابقة من مثل : (الجملة الاسمية والجملة الفعلية ، أنواع الخبر ، الفعل المبني للمجهول ونائب الفاعل ، الأسماء الخمسة ، العدد والمعدود ، جميع أنواع المفعولات ، التركيب الإضافي ، التركيب النعتي ، المفرد والمثنى والجمع ، الحال ، التمييز ، العدد ، المعدود)
- التوابع - اسما الزمان والمكان - أفعال المقاربة والرجاء والشروع - اسم الآلة - لا النافية للجنس
- الأساليب في النحو : (الاختصاص والاستثناء والنداء)

**** الكتابة :**

- التعبير الإبداعي :

- من خلال الاسترشاد بدرس النصوص حولنا سيتم تكليف الطالب بكتابة جميع أنواع النصوص المقررة وفقا لهذا الدرس : (المعلوماتي ، التفسيري ، السردي ، الإقناعي ، الإرشادي ، الوصفي)
- مع الحرص على السلامة اللغوية والإملائية وحسن الخط ، كذلك الالتزام بعلامات الترتيب .
- كتابة تلخيص أو استجابة أدبية حسب المطلوب في الورقة الامتحانية .

- التعبير الوظيفي :

- من مثل كتابة الرسائل والتغريدات واللافتات والبرقيات . . . الخ



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

BIOLOGY

Year 13 – Paper 1

Biology B - Book 1

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



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

BIOLOGY

Year 13 – Paper 2

Biology B - Book 2

Topic 5- Energy for life processes

- 5.1 Cellular Respiration
- 5.2 Photosynthesis

Text Book – Pg.10 -41

Topic 6- Microbiology and pathogens

- 6.1 Bacteria and disease
- 6.2 Non bacterial pathogens
- 6.3 The response to infection

Text Book – Pg.42 - 91

Topic 7 – Modern genetics

- 7.1 Using gene sequencing
- 7.2 Factors affecting gene expression
- 7.3 Gene technology

Text Book – Pg.94 - 135

Topic 8- Origins of genetic variation

- 8.1 Genetic information
- 8.2 Gene pools

Text Book – Pg.136 – 173

Topic 9 – Chemical control in mammals and plants

- 9.1 4 - Chemical control systems in plants
- 9.1 5 - Phytochrome and flowering -
- 9.1 6 - Phytochrome and Photomorphogenesis

Text Book – Pg.183 -191

Topic 10 – Ecosystems

- 10.1 The nature of ecosystems

Text Book – Pg.246 – 267



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

BUSINESS STUDIES

YEAR 13

Paper 1

Whole of Theme 1 **and**

Theme 4

- Chapters 66-77

Paper 2

Whole of Theme 2 **and**

Theme 3

- Chapters 44- 65



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ECONOMICS

YEAR 13

Paper 1 - Theme-1 : Whole

Theme 3: Chapters 41- 56

Paper 2- Theme 2: Whole

Theme 4: Whole



ST. MARY'S Catholic High School, Dubai

PORTION FOR THE FIRST TERM EXAMINATION 2024-2025

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

.

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 (30 MARKS)

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.

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 (25 MARKS)

Hamlet Acts I-III

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

Section B – Section B: Pre 1900 Poems (25 Marks)

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.

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’
- ✓ From Maud: I.xi ‘O let the solid ground’ 37
- ✓ Maud: I.xviii ‘I have led her home, my love, my only friend’
- ✓ From Maud: I.xxii ‘Come into the garden, Maud’
- ✓ From Maud: II.iv ‘O that ’twere possible’

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 2025

SUBJECT: ENGLISH LITERATURE IAL YEAR 13

Paper Reference: 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 must answer one compulsory essay question on one unseen post-1900 poem**
- **The unseen poem will be printed in a Source Booklet.**

Students are required to:

- ✓ **Show knowledge and understanding of the function of key features in poetry**
- ✓ **Show knowledge and understanding of a range of ways to read poetry, including reading for detail of how poets use and adapt language, form and structure in poems, responding critically and creatively**
- ✓ **Communicate fluently, accurately and effectively their knowledge, understanding and critical evaluation of poetry**
- ✓ **Identify and explore how attitudes and values are expressed in poetry**
- ✓ **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 and AO2

Section B – Post-2000 Prose

- **Students must answer one essay question from a choice of two on their chosen prose texts from their chosen theme.**
- **The essay questions will require students to compare the two prose texts and consider relevant contextual factors. (30 MARKS)**

Theme: Colonisation and After

- **Heart of Darkness, Joseph Conrad**
- **The Lonely Londoners, Samuel Selvon**

Students are required to:

- ✓ **Show knowledge and understanding of how key features operate in prose fiction texts**
- ✓ **Show knowledge and understanding of a range of ways to read prose 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 prose fiction texts and make connections and explore the relationships between two texts**
- ✓ **Show knowledge and understanding of the contexts in which prose texts have been written and understanding of how these contexts influence meaning**
- ✓ **Identify and explore how attitudes and values are expressed in prose texts**
- ✓ **Communicate fluently, accurately and effectively their knowledge, understanding and evaluation of prose 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 and AO4.

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

- **Students must answer one essay question from a choice of two on their chosen text.**
- **The essay questions will give a statement that students must respond to and consider relevant contextual factors and different interpretations of the text. (25 Marks)**

Hamlet by William Shakespeare

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 drama texts, responding critically and creatively**
- ✓ **Show knowledge and understanding of the contexts in which drama texts have been written and understanding of how these contexts influence meaning**
- ✓ **Respond to and evaluate drama texts, drawing on their understanding of interpretations by different audiences/readers**
- ✓ **Identify and explore how attitudes and values are expressed in drama texts**
- ✓ **Communicate fluently, accurately and effectively their knowledge, understanding and evaluation of drama 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 and AO5.

Section B – Pre-1900 Poetry

- **Students must answer one essay question from a choice of two on their chosen poetry movement.**
- **The essay questions will give a statement that students must respond to and consider relevant contextual factors and different interpretations of the text. (25 Marks)**

The Victorians: prescribed poems from The Oxford Book of Victorian Verse, Editor Christopher Ricks, (OUP, 2008)

Students are required to:

- ✓ **Show knowledge and understanding of the function of key features in poetry**
- ✓ **Show knowledge and understanding of a range of ways to read poetry, including reading for detail of how writers use and adapt language, form and structure in poems, responding critically and creatively**
- ✓ **Show knowledge and understanding of the contexts in which poetry has been written and understanding of how these contexts influence meaning**
- ✓ **Communicate fluently, accurately and effectively their knowledge, understanding and critical evaluation of poetry**
- ✓ **Identify and explore how attitudes and values are expressed in poetry**
- ✓ **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 and AO5.



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ISLAMIC STUDIES B

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 Healthcare



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FIRST TERM EXAMINATION PORTION – JAN 2025

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)



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

PHYSICS

YEAR 13

Paper 1

Topic 1 - Working as a Physicist

Topic 2 - Mechanics

Topic 3 - Electric circuits

Topic 4 - Materials

Topic 5 - Waves and the particle nature of light

And concepts from relevant practicals will be included.

Paper 2

Topic 1- Working as a Physicist

Topic 6 – Further Mechanics

Topic 7 - Electric and magnetic fields

Topic 9 - Thermodynamics

Topic 10 – Nuclear Radiation

Topic 13 - Oscillations.

And concepts from relevant practicals will be included.



Psychology-2024-2025

PORTIONS - Year 13

First Term Examinations -January2025

Year	Topics
13 <u>Paper 1</u>	<p><u>Social Psychology:</u> 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><u>Cognitive Psychology:</u> 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> <p>Chapter 6: Mathematical elements in cognitive psychology, page 400 - 406</p> <p>Chapter 7: Practical investigation in cognitive psychology. page 431 - 442</p>

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

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Paper 2

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

1. An introduction to clinical psychology
2. Content in clinical psychology
3. Studies in clinical psychology
4. 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. An introduction to child psychology
2. Content in child psychology
3. Studies in child psychology
4. Key questions in child psychology



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

CHEMISTRY

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



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

CHEMISTRY

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



PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

CHEMISTRY

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 16 - Further Kinetics

16.1 – Further kinetics

TOPIC 17 - Further organic chemistry

17.1 Chirality

17.2 Carbonyl compounds

17.3 Carboxylic acids

17.4 Arenes-benzene

17.5 Amines, Amide, Amino acids and proteins.