



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **ACCOUNTING**

## **YEAR 11**

**All the Yr. 9 & Yr.10 topics.**

Business documents

Types of Business organisations

Stake holders

ICT in Accounting

Professional Ethics

Financial statements of sole traders with all adjustments

Partnership Accounts.

Errors, rectification and suspense accounts.

Irrecoverable debts and Allowance for doubtful debts.

Accounting Ratios

Accounting concepts



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

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

Portion of year11 Arabic (A)

المادة المقررة لامتحان اللغة العربية الفصل الدراسي الأول

الصف الحادي عشر

القراءة

- 1- نص شعري من العصر الجاهلي : إذا المرء لم يدنس.
- 2- نص معلوماتي : الأمل والطموح
- 3- نص معلوماتي: تقنية الهولوجرام
- 4- سيرة ذاتية: اسمها تجربة
- 5- قصة قصيرة: مصباح الحمام.
- 6- قصة قصيرة: الخبز
- 7- نص خارجي لقياس المهارات القرائية.

النحو

- 1- صيغة المبالغة
- 2- الصفة المشبهة
- 3- جميع المهارات النحوية التي سبق دراستها  
( الممنوع من الصرف- الميزان الصرفي - العدد - الأفعال التي تنصب مفعولين )

البلاغة

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

الكتابة

- 1- كتابة في أحد أنواع النصوص التالية: السردية أو المعلوماتية أو الإقناعية أو الوصفية، أو مقال تحليلي.
- كتابة سيرة أدبية ( ذاتية - غيرية ).
- تلخيص لسيرة ذاتية.



مدرسة القديسة مريم الكاثوليكية الثانوية – دبي  
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**PORTION FOR FIRST TERM EXAM (2024-2025)**

**ARABIC (B) YEAR 11**

**Topic:**

**In this test we focus (for reading exam)**

- Work with passion (All work send through PPT and WS) درس الشغف بالعمل
- Job opportunities (All work send through PPT and WS) درس فرص العمل
- The job (All work send through PPT and WS) درس الوظيفة
- C.V of a hard-working student سيرة طالب مجتهد
- school of mother poem قصيدة مدرسة الأم
- Unseen text
- All the vocabularies done
- All verbs done
- All exercises done on the worksheets and notebook on all the topics.

**GRAMMAR:-**

- Review the Grammar of the Arabic language مراجعة القواعد والنحو اللغة العربية
- Question word
- Adjectives
- Connected word
- Adverbs ( place and time )
- The analyse الأعراب
- Sentence start with verb and noun الجملة الاسمية والفعلية
- Related pronouns الضمائر المتصلة
- Numbers الأعداد

**WRITING:-**

- C.V السيرة الذاتية
- The importance of work and its benefits
- An article about the importance of planning. يكتب مقال عن أهمية التخطيط.
- Write about a person who created a job opportunity اكتب عن شخصية اوجدت فرصة عمل



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **BIOLOGY**

### **Year 11 – Paper 1**

#### **Paper 1**

#### **Topic 1– Key Biological Concepts**

- 1a. Microscopes.
- 1b. Plant & animal cells.  
*Core practical – Using Microscopes*
- 1c. Specialized cells .
- 1d. Inside bacteria.
- 1e. Enzymes & Nutrition.
- 1f. Testing foods.  
*Core practical – Testing Foods*
- 1g. Enzyme action.
- 1h. Enzyme activity.  
*Core practical – pH & enzymes*
- 1i. Transporting substances .  
*Core practical – Osmosis in potato slices*

#### **Text Book – Pg.1 - 28**

#### **Topic 2– Cells and Control**

- 2a. Mitosis.
- 2b. Growth in animals.
- 2c. Growth in plants.
- 2d. Stem cells.
- 2e. The brain.
- 2f. Brain& spinal cord problems.
- 2g. The nervous system.
- 2h. The eye.
- 2i. Neurotransmissions speeds.

#### **Text Book – Pg.30 - 49**

#### **Topic 3 – Genetics**

- 3a. Sexual and asexual reproduction.
- 3b. Meiosis.
- 3ci. DNA.
- 3cii. DNA extraction.
- 3d. Protein synthesis.
- 3e. Genetic variants & phenotypes.
- 3f. Mendel.
- 3g. Alleles.
- 3h. Inheritance.
- 3i. Multiple and missing alleles.
- 3j. Gene mutations.
- 3k. Variation.

#### **Text Book – Pg.50 - 74**

#### **Topic 4– Natural selection and Genetic modification**

- 4a. Evidence for human evolution.
- 4b. Darwin's theory.
- 4c. Development of Darwin's theory.
- 4d. Classification.
- 4e. Breeds and varieties.
- 4f. Tissue Culture.
- 4g. Genes in agriculture and medicine.
- 4h. GM and agriculture
- 4i. Fertilisers and biological control.

#### **Text Book – Pg.76 - 94**



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **BIOLOGY**

### **Year 11 – Paper 2**

#### **Paper 2**

#### **Topic 5 – Health, Disease and the Development of medicines**

- 5a. Health and Disease.
- 5b. Non-communicable diseases.
- 5c. Cardiovascular diseases.
- 5d. Pathogens.
- 5e. Spreading pathogens .
- 5f. Virus life cycles
- 5g. Plant defences.
- 5h. Plant diseases.
- 5i. Physical and chemical barriers.
- 5j. The immune response
- 5k. Antibiotics.

*Core practical – Antibiotics*

- 5l. Monoclonal antibodies

**Text Book – Pg.96 - 122**

#### **Topic 6 – Plant Structures and their functions**

- 6a. Photosynthesis.
- 6b. Factors that affect photosynthesis.  
*Core practical – Light intensity & Photosynthesis*
- 6c. Absorbing water & mineral ions
- 6d. Transpiration & translocation.
- 6e. Plant adaptations
- 6f. Plant hormones.
- 6g. Uses of plant hormones.

**Text Book – Pg.124 - 140**

#### **Topic 7– Animal Coordination, Control and Homeostasis**

- 7a. Hormones.
- 7b. Hormonal control of metabolic rate.
- 7c. The menstrual cycle
- 7d. Hormones & the menstrual cycle
- 7e. Control of blood glucose.
- 7f. Type 2 diabetes.
- 7g. Thermoregulation.
- 7h. Osmoregulation.
- 7i. The kidneys.

**Text Book – Pg.142- 160**

#### **Topic 8 – Exchange & transport in animals**

- 8a. Efficient transport and exchange
- 8b. Factors affecting diffusion

**Text Book – Pg.162 - 165**



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## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **BUSINESS STUDIES**

## **YEAR 11**

### **Paper 1**

Whole of Theme 1

### **Paper 2**

Whole of Theme 2



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

**FIRST TERM EXAMINATION PORTION– JAN 2025**

**IGCSE COMPUTER SCIENCE - YEAR 11**

## **Unit 1: Problem Solving**

- Chapter 1 – Understanding Algorithms
- Chapter 2 – Creating Algorithms
- Chapter 3 – Sorting and Searching Algorithms
- Chapter 4 – Decomposition and Abstraction

## **Unit 2: Programming**

- Chapter 5 – Develop code
- Chapter 6 – Making programs easy to read
- Chapter 7 – Strings
- Chapter 8 – Data structures
- Chapter 9 – Input / Output
- Chapter 10 – Subprograms
- Chapter 11 – Testing and Evaluation

## **Unit 3: Data**

- Chapter 12 – Binary
- Chapter 13 – Data Representation
- Chapter 14 – Data Storage and compression
- Chapter 15 – Encryption

## **Unit 4: Computers**

- Chapter 16 – Machines and computational models
- Chapter 17 –Hardware
- Chapter 18 – Logic
- Chapter 19 – Software
- Chapter 20 – Programming Languages

## **Unit 5: Communication and the Internet**

- Chapter 21 – Networks
- Chapter 22 – Network security
- Chapter 23 – The Internet and the World Wide Web

## **Unit 6: The Bigger Picture**

Chapter 24 – Computing and the environmental impact of technology

Chapter 25 – Privacy

Chapter 26 – Digital Inclusion

Chapter 27 – Professionalism

Chapter 28 – Computing and the legal Impact of technology

### **EDEXCEL INTERNATIONAL GCSE (9-1) COMPUTER SCIENCE**

**Student Book (David Waller, Chris Charles, Pete Dring, Alex Hadwen-Bennett, Jason Welch,  
Shaun Whorton)**

**NOTE: REFER TEXTBOOK, POWERPOINT PRESENTATIONS AND ACTIVITIES**

**POSTED IN GOOGLE CLASSROOM**





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## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **ECONOMICS**

## **YEAR 11**

Entire portion of Year 9, Year 10 and Year 11 as per board specification



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

**PORTION FOR THE FIRST TERM EXAMINATION JANUARY 2025**

**ENGLISH LITERATURE YEAR 11**

**PAPER 1**

**TOTAL MARKS 80**

**Assessment Duration: 1 hour and 45 minutes.**

**Closed book (texts are not allowed in the examination).**

## **MAIN OBJECTIVES**

- Develop skills to analyse how the language, form, structure and context of texts can create meanings and effects.
- Develop skills to maintain a critical style and informed personal response.

**Section A – Shakespeare: a two-part question, with the first task focused on an extract of approximately 30 lines. (20 MARKS)**

**The second task is focused on how a theme reflected in the extract is explored elsewhere in the play. (20 MARKS)**

**Macbeth Acts I-IV**

**Section B – Post-1914 British play or novel: ONE essay question. (40 MARKS)**

**An inspector calls Acts I & 2**

**PAPER 2**

**TOTAL MARKS 80**

**Assessment duration: 2 hours and 15 minutes.**

**Closed book (texts are not allowed in the examination).**

**MAIN OBJECTIVES**

- **Develop skills to analyse how the language, form, structure and context of texts can create meanings and effects.**
- **Develop skills to maintain a critical style and informed personal response.**
- **Develop comparison skills.**

**Section A – 19th-century novel: a two part question, with the first part focused on an extract of approximately 400 words. (20 MARKS)**

**The second part is an essay question exploring the whole text. (20 MARKS)**

**Dr Jekyll chapter 1-7**

**Section B – Part 1: ONE question comparing a named poem from the Pearson Poetry Anthology collection to another poem from that collection. The named poem will be shown in the question paper. (20 MARKS)**

**Part 2: ONE question comparing two unseen contemporary poems. (20 MARKS)**

**Poems:**

**Poems in the Relationship Collection:**

- **La Belle Dame Sans Merci: A Ballad by John Keats (Romantic)**
- **A Child to his Sick Grandfather by Joanna Baillie (Romantic)**
- **She Walks in Beauty by Lord Byron (Romantic)**
- **A Complaint by William Wordsworth (Romantic)**
- **Neutral Tones by Thomas Hardy (Lit Heritage)**
- **My Last Duchess by Robert Browning (Lit Heritage)**
- **How do I love thee? (Sonnet 43) by Elizabeth Barrett Browning (Lit Heritage)**
- **1st Date – She & 1st Date He by Wendy Cope (Contemporary)**

- **Valentine by Carol Ann Duffy (Contemporary)**
- **One Flesh by Elizabeth Jennings (Contemporary)**
- **i wanna be yours by Clarke John Cooper (Contemporary)**
- **Love's Dog by Jen Hatfield (Contemporary)**
- **The Manhunt (Laura's Poem) by Simon Armitage (Contemporary)**
- **My Father Would Not Show Us by Ingrid de Kok (Contemporary)**

**Poems in the Belonging Collection:**

- **To My Sister by William Wordsworth (Romantic)**
- **The Sunday Dip by John Clare (Romantic)**
- **Clear and Gentle Stream by Robert Bridges (Lit Heritage)**
- **I Remember, I Remember by Thomas Hood (Lit Heritage)**
- **Island Man by Grace Nicholls (Contemporary)**
- **Peckham Rye Lane by Amy Blakemore (Contemporary)**
- **We Refugees by Benjamin Zephaniah (Contemporary)**
- **Us by Zaffar Kunial (Contemporary)**
- **In Wales, Wanting to be Italian by Imtiaz Dharker (Contemporary)**
- **Kumukanda by Kayo Chingonyi (Contemporary)**
- **Jamaican British by Raymond Antrobus (Contemporary)**
- **My Mother's Kitchen by Choman Hardi (Contemporary)**
- **The Émigrée by Carol Rumens (Contemporary)**

**PATTERN OF THE FIRST TERM EXAMINATION PAPER JANUARY 2025**

**SUBJECT: ENGLISH LITERATURE (9-1) CLASS: YEAR 11**

**Paper Reference: Specification Pearson Edexcel Level 1/Level 2 GCSE (9 - 1) in English Literature (1ET0)**

**PAPER 1**

**Total Marks 80**

**Time: 1 hour and 45 minutes.  
(Including reading time)**

There will be **two** sections on the paper. Students should be advised to spend equal time ( **about 50 minutes** ) on each section of the paper.

**SECTION A: SHAKESPEARE- MACBETH (Total marks 20+20= 40 Marks)**

**Part a) is focused on the close language analysis of an extract (AO2). The extract will be approximately 30 lines in length.**

**Part b) is focused on how a theme from the extract is explored elsewhere in the play (AO1 and AO3). The focus will be on maintaining a critical style and demonstrating an understanding of the relationship between the text and the context in which it was written.**

- **Assessment Objectives covered are AO1, AO2 and AO3.**

**AO1 Read, understand and respond to texts Students should be able to: ● maintain a critical style and develop an informed personal response ● use textual references, including quotations, to support and illustrate interpretations**

**AO2 Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate**

**AO3 Show understanding of the relationships between texts and the contexts in which they were written**

**Section B – POST-1914 BRITISH PLAY OR NOVEL- AN INSPECTOR CALLS (40 MARKS)**

**Students answer ONE essay question from a choice of two on their studied text.**

- **Each question will be preceded by a short quotation from the text, to provide a stimulus for the response.**

- Questions will focus on one of more of the following areas: plot, setting(s), character(s) and theme(s) and will require students to explore the question in relation to the context.

- Marks will also be given for accurate use of spelling, punctuation and grammar.

- Assessment Objectives covered are AO1, AO3 and AO4.

**AO1 Read, understand and respond to texts Students should be able to:** • maintain a critical style and develop an informed personal response • use textual references, including quotations, to support and illustrate interpretations

**AO3 Show understanding of the relationships between texts and the contexts in which they were written**

**AO4 Use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation**

## **PAPER 2**

**Total Marks 80**

**Time: 2 hour and 15 minutes,  
(Including reading time)**

There will be two sections on the paper. Students should be advised to spend equal time ( about 1 hour and 5 minutes ) on each section of the paper.

### **SECTION A: 19th-century novel- Dr. Jekyll & Mr. Hyde**

**(Total marks 20+20= 40 MARKS)**

**Students complete a two part question.**

**Part 1 is focused on a close language analysis of an extract of approximately 400 words.**

**Part 2 questions may focus on different aspects of the text, requiring exploration of one of more of the following areas: plot, setting(s), character(s), and theme(s).**

**Assessment Objectives covered are AO1 and AO2.**

**AO1 Read, understand and respond to texts Students should be able to:** • maintain a critical style and develop an informed personal response • use textual references, including quotations, to support and illustrate interpretations

**AO2 Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate**

**Section B – Poetry since 1789**

**(Total marks 20+20= 40 MARKS)**

**Part 1: students answer ONE question on one named poem from the poetry anthology collection, reproduced in the question paper, and one poem of choice.**

**Students will compare the poems. Questions will focus on the language, form, structure of the poem (AO2) and the contexts in which the poems were written (AO3).**

**AO2 Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate**

**AO3 Show understanding of the relationships between texts and the contexts in which they were written.**

**Part 2: students answer ONE question comparing two unseen contemporary poems that are linked by a theme.**

**Students are required to compare the poets' portrayals of the theme through their use of language, form and structure (AO1 and AO2).**

**AO1 Read, understand and respond to texts Students should be able to: • maintain a critical style and develop an informed personal response • use textual references, including quotations, to support and illustrate interpretations**

**AO2 Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate**



## PORTIONS FOR FIRST TERM EXAM – JANUARY 2025

# HISTORY

### YEAR 11

<u>Unit</u>	<u>Topic</u>	<u>TEXT BOOK Pages</u>
Unit 1 to Unit 5	A World Divided: Superpower Relations: 1943-72	Pages 2-94
Unit 1 and Unit 5	Germany: Development of Dictatorship, 1918-45	Pages 2-110
Unit 1 to 5	The USA 1918-41	Pages 2-110
Unit 1 to Unit 5	The Changing role of International Organisations: The League and the UN, 1919-2011	Pages 2-112
Revise the formats well. Refer to all work done in the notebook		





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

**FIRST TERM EXAMINATION PORTION – JAN 2025**

**IGCSE ICT- YEAR 11**

**Contents**

**UNIT 1: Digital Devices**

**Chapter 1: Digital Devices**

**Chapter 2: Software**

**Chapter 3: Memory and Processors**

**UNIT 2: Connectivity**

**Chapter 4: Digital communication**

**Chapter 5: Networks**

**UNIT 3: Operating Online**

**Chapter 6: Risks to data and personal information**

**Chapter 7: Impact of the internet**

**Chapter 8: Online communities**

**Chapter 9: The implications of digital technologies**

**Chapter 10: Online information**

**EDEXCEL INTERNATIONAL GCSE (9-1)**

**Information and Communication Technology**

**Student book (Pete Bell)**

**NOTE: REFER TEXTBOOK, POWERPOINT  
PRESENTATIONS AND WORKSHEETS POSTED IN  
GOOGLE CLASSROOM**



- مدرسة القديسة مريم الكاثوليكية الثانوية – دبي .
- قسم التربية الإسلامية (1) .

المادة المقررة لامتحان التربية الإسلامية للفصل الدراسي الأول (يناير 2025) للصف الحادي عشر /  
طلاب العرب للعام الدراسي ( 2024 – 2025 )

- 1 – المدارس الفقهية .
  - 2 – السيدة سَكِينة بنت الحُسَيْن رحمها الله .
  - 3 – سورة الكهف (أصحاب الكهف) ، الآيات من 9 إلى 27 (جميعها للحفظ) .
  - 4 – مراحل جمع القرآن .
  - 5 – الوقف عطاء ونماء .
  - 6 – التنمية البشرية في الإسلام .
- \*\* بالإضافة إلى بعض النقاط البسيطة من المادة المقررة التي تم الاختبار فيها في شهر أكتوبر ،  
و الخبرات السابقة في قواعد التلاوة من مثل : ( القلقة – الإخفاء – الإظهار – الإدغام )  
\*\* و بعض الأسئلة التي تتعلق بالسلوكيات التي يعتمدها الطالب المسلم كنهج للحياة .
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## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **ISLAMIC STUDIES B**

## **YEAR 11**

### **Paper 1**

1. Believing in Allah
2. Matters of life and Death
3. Marriage and the family
4. Additional Notes

### **Paper 2**

5. Section 1: Belief and values
6. Section 2: Community and tradition
7. Section 3: Worship and Celebration
8. Living the Muslim Life
9. Additional Notes



**MATHEMATICS FIRST TERM EXAMINATION PORTION- JAN 2025**

**YEAR 11**

**PAPER 1 - 1MA1/1H – NON CALCULATOR – 80 MARKS - 1 ½ HOURS**

**PAPER 2 - 1MA1/2H – CALCULATOR – 80 MARKS - 1 ½ HOURS**

**PAPER 3 - 1MA1/3H – CALCULATOR – 80 MARKS - 1 ½ HOURS**

UNIT 13 – More Trigonometry

UNIT 19 – Proportion and Graphs

UNIT 17 – More Algebra

UNIT 14 – Further Statistics

**REVISION UNITS**

UNIT 1 – Number

UNIT 2 – Algebra

UNIT 3 – Interpreting and Representing Data

UNIT 4 – Fractions and Percentages

UNIT 5 – Angles and Trigonometry

UNIT 6 – Graphs

UNIT 7 – Area and Volume

UNIT 8 – Transformations and Constructions

UNIT 9 – Equations and Inequalities

UNIT 11 – Multiplicative Reasoning

UNIT 12 – Similarity and Congruence

UNIT 15 – Equations and Graphs

**Note : Formula sheet will be provided**

**Higher Tier Formulae Sheet**

**Perimeter, area and volume**

Where  $a$  and  $b$  are the lengths of the parallel sides and  $h$  is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2} (a + b) h$$

Volume of a prism = area of cross section  $\times$  length

Where  $r$  is the radius and  $d$  is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

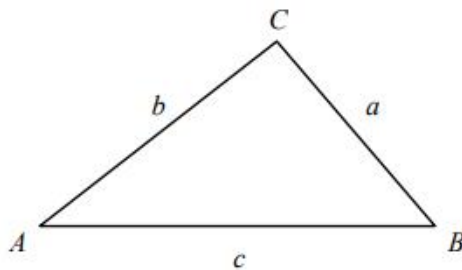
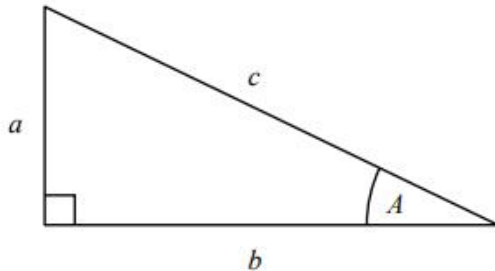
**Quadratic formula**

The solution of  $ax^2 + bx + c = 0$

where  $a \neq 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

**Pythagoras' Theorem and Trigonometry**



In any right-angled triangle where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle  $ABC$  where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

In any triangle  $ABC$  where  $a$ ,  $b$  and  $c$  are the length of the sides:

$$\text{sine rule: } \frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\text{cosine rule: } a^2 = b^2 + c^2 - 2bc \cos A$$

$$\text{Area of triangle} = \frac{1}{2} a b \sin C$$

**Compound Interest**

Where  $P$  is the principal amount,  $r$  is the interest rate over a given period and  $n$  is number of times that the interest is compounded:

$$\text{Total accrued} = P \left( 1 + \frac{r}{100} \right)^n$$

**Probability**

Where  $P(A)$  is the probability of outcome  $A$  and  $P(B)$  is the probability of outcome  $B$ :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

$$P(A \text{ and } B) = P(A \text{ given } B) P(B)$$

**END OF EXAM AID**

**The following formulae will be provided for students within the relevant examination questions.**

**Perimeter, area, surface area and volume formulae**

Where  $r$  is the radius of the sphere or cone,  $l$  is the slant height of a cone and  $h$  is the perpendicular height of a cone:

$$\text{Curved surface area of a cone} = \pi r l$$

$$\text{Surface area of a sphere} = 4\pi r^2$$

$$\text{Volume of a sphere} = \frac{4}{3}\pi r^3$$

$$\text{Volume of a cone} = \frac{1}{3}\pi r^2 h$$



**Psychology-2024-2025**

**PORTIONS - Year 11**

***First Term Examinations -January2025***

<b>Sr. No</b>	<b><u>Paper1</u></b>	<b>Topics</b>
<b>1</b>		<b>Development</b>
<b>2</b>		<b>Memory</b>
<b>3</b>		<b>Psychological problems</b>
<b>4</b>		<b>The Brain and Neuropsychology</b>
<b>5</b>		<b>Social Influence</b>
	<b><u>Paper2</u></b>	
<b>1</b>		<b>Research methods</b>
<b>2</b>		<b>Criminal Psychology</b>
<b>3</b>		<b>The Self</b>
<b>4</b>		<b>Sleep and Dreaming</b>

**Refer to psychology textbook and notebook.**

**All relevant resources, Power Point presentation and notes are shared on Google classroom for your reference.**



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **Year 11**

#### **Year 11 - Paper 1**

##### **SC1-States of matter**

SC1a -States of matter

##### **SC2-Methods of separating and purifying substances**

SC2a – Mixtures

SC2b – Filtration and crystallization

SC2c – Paper chromatography

SC2d – Distillation

SC2e – Drinking water

##### **SC3-Atomic structure**

SC3a – Structure of atom

SC3b – Atomic number and mass number

SC3c - Isotopes

##### **SC4-The periodic table**

SC4a –Elements and the periodic table

SC4b- Atomic number and the periodic table

SC4c- Electronic configurations and periodic table





## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **SC5-Ionic Bonding**

SC5a – Ionic bonds

SC5b – Ionic lattices

SC5c- Properties of ionic compounds

### **SC6-Covalent Bonding**

SC6a – Covalent bonds

### **SC7-Types of Substance**

SC7a – Molecular compounds

SC7b- Allotropes of carbon

SC7c – Properties of metals

SC7d – Bonding models

### **SC8-Acids and alkalis**

SC8a – Acids, alkalis and indicators

SC8b – Looking at acids

SC8c – Bases and salts

SC8d – Alkalis and balancing equations

SC8e – Alkalis and neutralization

SC8f – Reactions of acids with metals and carbonates

SC8g - Solubility



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **SC9 – Calculations involving masses**

SC9a-Masses and empirical formulae

SC9b-Conservation of mass

SC9c – Moles

### **SC10 – Electrolytic Processes**

SC10a - Electrolysis

SC10b – Products from electrolysis

### **SC11 – Obtaining and using metals**

SC11a – Reactivity

SC11b – Ores

SC11c – Oxidation and reduction

SC11d – Life cycle Assessment and recycling

### **SC12-Reversible reactions and equilibria**

SC12a-Dynamic equilibrium

### **SC13 – Transition metals, Alloys and Corrosion**

SC13a – Transition metals

SC13b – Corrosion

SC13c – Electroplating

SC13d – Alloying

SC13e – Uses of metals and their alloys



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **SC14 – Quantitative Analysis**

SC14a – Yields

SC14b – Atom economy

SC14c – Concentrations

SC14d – Titrations and calculations

SC14e – Molar volume of gases

### **SC15-Dynamic Equilibria**

SC15a-Fertilisers and Haber process

SC15b-Factors affecting equilibrium

### **Year 11 - Paper 2**

#### **SC3-Atomic structure**

SC3a – Structure of atom

SC3b – Atomic number and mass number

SC3c - Isotopes

#### **SC4-The periodic table**

SC4a –Elements and the periodic table

SC4b- Atomic number and the periodic table

SC4c- Electronic configurations and periodic table



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **SC5-Ionic Bonding**

SC5a – Ionic bonds

SC5b – Ionic lattices

SC5c- Properties of ionic compounds

### **SC6-Covalent Bonding**

SC6a – Covalent bonds

### **SC7-Types of Substance**

SC7a – Molecular compounds

SC7b- Allotropes of carbon

SC7c – Properties of metals

SC7d – Bonding models

### **SC9 – Calculations involving masses**

SC9a-Masses and empirical formulae

SC9b-Conservation of mass

SC9c – Moles

### **SC17-Groups in the periodic table**

SC17a - Group1

SC17d - Group 0



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **SC18 – Rates**

SC18a – Rates of reaction

SC18b - Factors affecting reaction rates

SC18c – Catalysts and activation energy

### **SC19 -Heat energy changes in chemical reactions**

SC19a - Exothermic and endothermic reactions

SC19b - Energy changes in reactions

### **SC20 – Fuels**

SC20a – Hydrocarbons in crude oil and natural gas

SC20b – Fractional distillation of crude oil

SC20c – The alkane homologous series

SC20d – Complete and incomplete combustion

eSC20e – Combustible fuels and pollution

SC20f – Breaking down hydrocarbons

### **SC21 – Earth and Atmospheric science**

SC21a – The early atmosphere

SC21b – The changing atmosphere

SC21c – The atmosphere today

SC21d – Climate change



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **CHEMISTRY**

### **SC22 – Hydrocarbons**

SC22a – Alkanes and alkenes

SC22b – Reactions of alkane and alkenes

### **SC25 – Qualitative Analysis**

SC25a – Flame tests and photometry

SC25b – Tests for positive ions

SC25c - Tests for negative ions

### **SC26 – Bulk and surface properties of matter**

SC26a – Choosing materials

SC26b - Composite materials

SC26c - Nanoparticles



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

## **PORTION FOR FIRST TERM EXAMINATIONS JANUARY 2025** **ENGLISH LANGUAGE – YEAR 11**

### **Paper 1 – Fiction and Imaginative Writing**

#### **Overview of content**

- Study selections from a range of prose fiction.
- Develop skills to analyse and evaluate 19<sup>th</sup> century fiction extracts.
- Develop imaginative writing skills to engage the reader.
- Use spelling, punctuation and grammar accurately.

#### **Overview of assessment**

- Section A – Reading: questions on an unseen 19<sup>th</sup> century fiction extract.
- Section B – Writing: a choice of two writing tasks. The tasks are linked by a theme to the reading extract.  
The imaginative writing task may include:
  - Short story based on a prompt or the images given.
  - Personal account
- The total number of marks available is 64.
- Assessment duration 1 hour and 45 minutes.

### **Paper 2 – Non-fiction and Transactional Writing**

#### **Overview of content**

- Study a range of 20<sup>th</sup> and 21<sup>st</sup> century non-fiction texts (including literary non-fiction).
- Develop skills to analyse evaluate and compare non-fiction extracts.
- Develop transactional writing skills for a variety of forms, purposes and audiences.
- Use spelling, punctuation and grammar accurately.

#### **Overview of assessment**

- Section A – Reading: questions on two thematically linked, unseen non-fiction extracts.
- Section B – Writing: a choice of two writing tasks. The tasks are linked by a theme to the reading extracts.  
The transactional writing tasks may include:
  - Newspaper report
  - Newspaper article
  - Magazine article
  - Speech writing
  - Recount
  - (Multiple) Diary entry
  - Informative Writing (Leaflet/Guide)
  - Travelogue
- The total number of marks available is 96.
- Assessment duration: 2 hours and 5 minutes.

**PATTERN OF THE FIRST TERM EXAMINATION PAPER JANUARY 2025**

**SUBJECT: ENGLISH LANGUAGE (9-1) CLASS: YEAR 11**

**Paper Reference: Specification Pearson Edexcel Level 1/Level 2 GCSE (9 - 1) in English Language (1EN0/01)**

**PAPER 1 FICTION AND IMAGINATIVE WRITING**

**Total Marks 64**

**Time: 1 hour and 45 minutes.**

**(Including reading time)**

There will be **two** sections in the paper. Students should be advised to spend **1 hour on Section A and 45 minutes on Section B.**

**SECTION A : 19<sup>th</sup> Century Fiction- Unseen Passage (24 Marks)**

- **The length of the 19th-century fiction extract will be approximately 650 words.**
- **There will be a mixture of short and extended response questions on the extract.**

**Assessment Objectives covered are AO1, AO2 and AO4**

**AO1: Identify and interpret explicit and implicit information and ideas**

**Select and synthesize evidence from different texts**

**AO2: Explain, comment on and analyze how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views**

**AO4: Evaluate texts critically and support this with appropriate textual references**

**Section B: Imaginative Writing (Total marks 40)**

- **Writing tasks are linked by a theme to the reading extract. Different aspects of the theme will be reflected in each task.**
- **One of the writing tasks will provide two images that students can use to help them generate ideas for their writing. Students can write a response that draws on just one or neither of the images.**

**Assessment Objectives covered are AO5 and AO6.**

**AO5: Communicate clearly, effectively and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences.**

**Organize information and ideas, using structural and grammatical features to support coherence and cohesion of texts.**



**AO6: Candidates must use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.**

**PAPER 2 NON-FICTION AND TRANSACTIONAL WRITING**

**Total Marks 96**

**Time: 2 hour and 5 minutes.**

**(Including reading time)**

There will be **two** sections in the paper. Students should be advised to spend **1 hour 20 minutes** on **Section A** and **45 minutes** on **Section B**

**SECTION A: 20<sup>th</sup> and 21<sup>st</sup> Century Non-Fiction- Unseen Passages (Total marks 56)**

- **Two unseen non-fiction extracts, from 20th- and 21st-century texts. One of these texts will be literary non-fiction.**
- **The word count across the two extracts will be approximately 1000 words. The minimum length of an extract will be 300 words.**
- **Questions will be on Text 1, followed by Text 2. There will be a mixture of short and extended response questions on the extracts.**
- **Students' ability to synthesize across two texts will be assessed in a separate question.**
- **The final question of this section requires students to compare the writers' ideas and how they are presented in the two texts.**

**Assessment Objectives covered are AO1, AO2, AO3 and AO4**

**AO1: Identify and interpret explicit and implicit information and ideas**

**Select and synthesize evidence from different texts**

**AO2: Explain, comment on and analyze how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views**

**AO3: Compare writers' ideas and perspectives, as well as how these are conveyed, across two or more texts**

**AO4: Evaluate texts critically and support this with appropriate textual references.**

**Section B – Transactional Writing (Total marks 40)**

- **Writing tasks are linked by a theme to the reading extracts.**
- **It is possible for the same form (for example a letter, an article) to be present on both tasks in the same paper but with a different focus and/or audience.**

**Assessment Objectives covered are AO5 and AO6.**

**AO5: Communicate clearly, effectively and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences.**

**Organize information and ideas, using structural and grammatical features to support coherence and cohesion of texts**

**AO6: Candidates must use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.**



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **PHYSICS**

### **YEAR 11 - Paper 1**

SP1 Motion (1a, 1b, 1c, 1d)

SP2 Motion and Forces (2a, 2b, 2c, 2d, 2e, 2f, 2g, 2h, 2i)

SP3 Conservation of energy (3a, 3b, 3c, 3d, 3e, 3f)

SP4 Waves (4a, 4b, 4c, 4d, 4e, 4f, 4g)

SP 5 Light and the Electromagnetic Spectrum (5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i)

SP 6 Radioactivity (6a, 6b, 6c, 6d, 6e, 6f, 6g, 6h, 6i, 6j, 6k, 6l, 6m)

SP 7 Astronomy (7a, 7b, 7c, 7d, 7e)

### **YEAR 11 - Paper 2**

SP 8 Energy-forces doing work (8a)

SP9 Forces and their Effects (9a, 9b, 9c)

SP10 Electricity and circuits (10a, 10b, 10c, 10d, 10e, 10f, 10g, 10h, 10i)

SP11 Static Electricity (11a, 11b, 11c)

SP14 Particle model (14a, 14b, 14c, 14d, 14e)

SP15 Forces and matter (15a, 15b, 15c, 15d)

*And concepts from relevant practicals will be included.*



## **PORTIONS FOR FIRST TERM EXAM – JANUARY 2025**

# **VALUES EDUCATION**

## **YEAR 11**

### **1. Paper 1: Beliefs and Values**

Section 1 (1.1 - 1.7)

Section 2 (2.1 - 2.8)

Section 3 (3.1 - 3.6)

Section 4 (4.1 - 4.5)

### **2. Paper 2: The Religious Community**

#### **Section 1: Origins and their Impact on the Community**

Section 1.1 - Religious Texts and Sources of Authority

Section 1.2 - Founders and Leaders

#### **Section 2: Celebration and Pilgrimage**

Section 2.1 - Festivals and Celebrations