

## Grade 10 Exam Overviews

<b>Teacher</b>	<b>Class</b>	<b>Subject</b>
Mr. Peter Burbidge	10 A-B-C-D	English
<b>Section Description</b>	<b>Topics Covered</b>	<b>Example</b>
Section A: Multiple Choice	'Cinderella Man', Life (celebrity, biography, song, teenage development), Stereotypes, Vocabulary and Language, 'Billy Elliot'.	In 2014 what does actor mean? A. a man who acts. B. a male or female who acts. C. a celebrity. D. a male celebrity.
Section B: Vocabulary	Emotions Vocabulary	Is 'blissful' a good or bad feeling?
Section C: Reading Comprehension	The balloon debate setup, given written information, who would you remove?	If Nadech Kukimiya, Chompoo Arraya and Gaow Suprasara were in a balloon debate, give four reasons explaining who you would throw out.
Section D: Section D: Critical Thinking	Cultural change Use the past tense where appropriate	Write ten interesting things that are different from when your parents were teenagers.
Section E: Essay	Stereotypes	What stereotypes affect your teenage life?


<b>Teacher</b>	<b>Class</b>	<b>Subject</b>
<b>Mr. Jesse</b>	<b>10A Extra Class</b>	<b>Science</b>
<b>Section Description</b>	<b>Topics Covered</b>	<b>Example</b>
1. Section A: Multiple Choice	1. Parts of the cell 2. Movement of Substances Across the cell membrane 3. Chemical Composition of the Cell	1. Which part of the cell is responsible for controlling the activities in the cell? a. nucleus b. cytoplasm b. plasma d. none of these
2. Section B: Reading Comprehension	1. Chemical Composition of the Cell 2. Movement of Substance Across the Cell membrane	2. Make a diagram showing a turgid cell.
3. Section C: Essay Writing	Science Week Activities	3. Describe and explain any project you saw during the Science Week.

<b>Teacher</b>	<b>Class</b>	<b>Subject</b>
Miss Imee	10 ABCD	Science

Section Description	Topics Covered	Example
Section A: Multiple Choice (1-40)  40 points	<ul style="list-style-type: none"> <li>Scientific method</li> <li>physical quantities and units</li> <li>Linear motion</li> <li>scientific notation</li> <li>measuring instruments.</li> </ul>	The slope of a velocity-time graph is equal to: a) distance b) acceleration c) displacement d) speed
Section B: 1. Reading Comprehension (41- 59)  40 Points	<p>A. Read a scientific investigation and answer the questions in complete sentences.</p> <p>B. Identify which Law explains each situation.</p>	<p>What is the independent variable?</p> <hr/> <p>Which law explains why it's difficult to wake up on Mondays?</p>
Section C: Problem solving (60 -62)  20 points	Linear motion Show complete work	The velocity of an object travelling at constant speed is 5m/s, how long will it take this object to travel 30. m?

Teacher	Class	Subject				
Miss Imee	10A	Add. Chemistry				
Section Description	Topics Covered	Example				
Section A: Multiple Choice (1-40)  40 points	<ul style="list-style-type: none"> <li>atomic emission spectrum</li> <li>atomic structure</li> <li>electronic configuration</li> <li>periodic trend</li> <li>quantum numbers</li> <li>ionic bonding</li> <li>crystal lattice</li> <li>covalent bonding</li> <li>Lewis electron dot structure</li> <li>Born-Haber cycle.</li> </ul>	Group 1 elements have these kinds of orbitals: A. s only B. s,p,d,f C. s,p and d D. f only				
Section B: Short answer questions and drawing diagrams (41- 58)  40 Points	<p>A. Writing and naming chemical formula</p> <p>B. Draw the Lewis electron dot structure and bonding.</p> <p>C. Predict Valence Shell Electron Pair Repulsion (VSEPR) and molecular shapes and bond</p>	<table border="1"> <tr> <td>Formula</td> <td>Name (stock system)</td> </tr> <tr> <td>CuNO<sub>3</sub></td> <td></td> </tr> </table>	Formula	Name (stock system)	CuNO <sub>3</sub>	
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CuNO <sub>3</sub>						
Section C: Essay (59)	Chemical bonding	Write an essay between 150 to 200 words about ionic bonding				

20 points		
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Teacher	Class	Subject
Ms. Shubhashree	10 A (Additional)	Mathematics
Section Description	Topics Covered	Example
Section A: Find areas/volumes of figures	Finding out the areas/ volumes of different figures through polynomials	Find the volume of the cube with sides $(3x + 5)$ square feet each.  
Section B: Rewrite expressions, Polynomials	Properties of real numbers, Polynomials	Use the Distributive law to rewrite the expression $4 ( 2x + 3 )$
Section C: Definitions and Explanations	Absolute value and Absolute value Inequalities	Explain with number line representation why absolute value can never be negative.
Section D: Find Interval Notations for absolute value inequalities	Absolute value Inequalities	Find the interval notations for $ 5x+4  < 30$

Teacher	Class	Subject						
Ms. Shubhashree	10 A, B, C, D	Mathematics						
Section Description	Topics Covered	Example						
Section A: Multiple Choice	Real Numbers, Properties, absolute values, n th root	Under the Associative Property of Addition, the expression $(m + 10) + 4$ Will become: A. $(m + 4) + 10$ B. $m + (4 + 10)$ C. $m + (10 + 4)$ D. $14 + m$						
Section B: Labeling	Real numbers, Properties of real numbers, polynomials	<table border="1"> <tr> <td>Expressions</td> <td>Properties used</td> </tr> <tr> <td><math>3X ( y.z ) = 3 x (z.y)</math></td> <td></td> </tr> <tr> <td><math>X^2 . 1 = X^2</math></td> <td></td> </tr> </table>	Expressions	Properties used	$3X ( y.z ) = 3 x (z.y)$		$X^2 . 1 = X^2$	
Expressions	Properties used							
$3X ( y.z ) = 3 x (z.y)$								
$X^2 . 1 = X^2$								

Section C: Vocabulary (Match the following, filling in blanks with appropriate words)	Real numbers, absolute value	Absolute value of a real number can never be.....
Section D: Solving problems	Absolute value equalities	$ 3x - 4  = 6x + 5$ $ 7y + 9  + 4 = 4$

Teacher	Class	Subject	
Mr. Racid	Year 10 A-D	Social Studies	
Section Description	Topics Covered	Example	
<p><b>Section A</b> <b>Multiple Choice</b></p> <p>In this section the students will answer 40 Multiple Choice Questions.</p>	<p>The students need to study the following chapters:</p> <p>Chapter 1 Investigating the Past</p> <p>Chapter 2 Civilisations, Kingdoms and Empires</p> <p>Chapter 3 Government and Society</p> <p>They need to study the following:</p> <ul style="list-style-type: none"> <li>→ How do we measure history?</li> <li>→ The different types of sources</li> <li>→ The Indus Valley and The Shang Civilisations</li> <li>→ The timelines of Indus Valley and Shang Civilisations</li> </ul>	<p>How many years did the Zhou Dynasty rule China?</p> <p>A) 575 years B) 650 years C) 15 years D) 254 years</p>	
<p><b>Section B</b> <b>Vocabulary</b></p> <p>In this section the students will do a Matching Type test.</p>	<p>The students need to review all of the vocabulary learnt in semester 1</p>	<p><b>Column A</b></p> <p><u>B</u> A place near the sea and uses the sea for fishing and trade.</p>	<p><b>Column B</b></p> <p>A. civilisation B. maritime C. barter</p>

<p><b>Section C</b> <b>Short-Answer Questions</b></p>	<p>The students need to study the following topics:</p> <ul style="list-style-type: none"> <li>→ The features of civilisation</li> <li>→ Centralised and Decentralised government</li> <li>→ How do we measure history?</li> <li>→ Why do we study history?</li> </ul>	<p>1. What are the advantages and disadvantages of a decentralized government for a ruler? (4 marks)</p>
<p><b>Section D</b> <b>Essay / Discussion</b></p> <p>In this section students are required to write Two Essays of 200 words each.</p>	<ul style="list-style-type: none"> <li>→ The Shang and The Indus Valley Civilisations</li> <li>→ Different types of sources</li> <li>→ Works of historians and archaeologists</li> <li>→ The Caste System</li> </ul>	<p>How do we know that the Dongson people of ancient time had built civilisation? Support your answers with evidence.</p>

Teacher	Class	Subject
Mr. Racid	Year 10 A	History
Section Description	Topics Covered	Example Questions
<p><b>Section A</b> <b>Multiple Choice</b></p> <p>In this section the students will answer 20 Multiple Choice Questions.</p>	<p>The students need to study the following topics:</p> <ul style="list-style-type: none"> <li>→ Making Decisions</li> <li>→ Influences on Your Decisions</li> <li>→ Examining Your Decisions</li> <li>→ Setting and Reaching Your Goals</li> <li>→ Communications and Refusal Skills</li> </ul>	<p>1) Which of the following is not a strategy for active listening? A) Face the person who is speaking B) Make eye contact with the speaker C) To avoid misunderstanding, summarize what person has said D) All of the above</p>
<p><b>Section B</b> <b>Short-Answer Questions</b></p>	<p>The students need to study the following topics:</p> <ul style="list-style-type: none"> <li>→ Influences on Your Decisions</li> <li>→ Making Decisions</li> <li>→ Setting Your Goals</li> </ul>	<p>1) What are the three steps to reaching your goals?</p>
<p><b>Section C</b> <b>Essay</b></p> <p>In this section students are</p>	<p>The students need to study the following topics:</p> <ul style="list-style-type: none"> <li>→ Making Decisions</li> <li>→ Examining Your Decisions</li> </ul>	<p>1. How could you use active listening to avoid a situation in some cases? to check</p>

required to write Two  
Essays of 150 words each.

➔ Communication Skills and Refusal  
Skills