

# Presbyterian High School

## END OF YEAR EXAMINATION

Exam Preparatory Notes

5 Oct 2016 – 14 Oct 2016

Level: Sec Four Normal (Academic)

As at 22 Sep 2016

Subject	Classes	Exam Format	Chapter/Topic/Area Tested	Remark
English	4B1	<p><b>Paper 1 Writing 70m (1hr 50min)</b>            Section A: Editing (10 marks)            Section B: Situational Writing (30 marks)            Section C: Continuous Writing (30 marks)</p> <p><b>Paper 2 Comprehension 50m (1hr 50min)</b>            Respond to questions based on            Section A: A Visual Text (5 marks)            Section B: Either a narrative or a recount (20 marks)            Section C: A non-narrative text and write an 80-word response to a summary writing task. (25 marks)</p>	<p><b>Paper 1 Section A:</b>            Identify and edit grammatical errors in a short written text. Error types tested: articles, conjunctions, tenses, verb forms, word forms and adverbs of time.</p> <p><b>Paper 1 Section B:</b>            Write 250 - 350 words on a given situation which will involve viewing a visual text. Pupils are required to write the text, i.e. it can be an email, a letter, a speech or a report, based on what has been covered in class, to suit the purpose, audience and context.</p> <p><b>Paper 1 Section C:</b>            Pupils choose one out of four topics to write a text of 350 - 500 words in continuous prose. The topics set may cover different types of texts, (i.e. it can be a Recount, Narrative, Expository or Information text, based on what has been covered in class.)</p> <p><b>Paper 2:</b>            Question types: Literal, Inferential, Quotation, Vocabulary, Own Words, How language achieves impact, Evaluative and Summary questions based on the visual text and the reading comprehension passages.</p>	<p>Language proficiency will be evaluated.            Application of accumulative knowledge of language use, grammar and vocabulary, as well as reading and writing skills, is required.</p>

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<b>Additional Mathematics</b>	4B1	<p>Paper 1 (1h 45 min) - 70 marks</p> <p>10 to 12 short questions</p> <p>Paper 2 (1h 45 min) - 70 marks</p> <p>8 to 10 long questions</p>	<p>Chapter 1-6, 9, 11-17.1, 18.1-18.2 and 19</p> <p>Range of questions which include understand and apply mathematical concepts and skills to formulate and solve problems.</p>	<p>Bring along calculators.</p> <p>Review worksheets, assignments and homework issued from textbook for during revision. Practice past year exam papers.</p>
<b>Science (Physics)</b>	4B1	<p>Duration: 1 hr 15 min</p> <p>Multiple Choice Questions (5 marks)</p> <p>Structured Question answer all questions (25 marks)</p> <p>Long structured Questions – Answer any 2 out of 3 questions (20 marks)</p>	<p>Ch 1 Physical Quantities</p> <p>Ch 2 Kinematics</p> <p>Ch 3 Forces</p> <p>Ch 4 Mass, Weight &amp; Density</p> <p>Ch 5 Moments &amp; Stability</p> <p>Ch 6 Work Energy Power</p> <p>Ch 7 Pressure</p> <p>Ch 8 Kinetic Model of Particles</p> <p>Ch 9 Transfer of Thermal Energy</p>	<p>Bring along calculator, pencil, soft eraser, protractor and 30cm ruler.</p> <p>Revise all notes, worksheets, test papers and exam papers.</p>

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<b>Science (Chemistry)</b>	4B1	Duration: 1 hr 15 min  Section A - 5 marks MCQ  Section B - 25 marks Short Structured Questions  Section C - 20 marks Long Structured Questions Answer any two from three	Ch 1: Kinetic Particle Theory Ch 2: Measurement and Experimental Techniques Ch 3: Separation and Purification Ch 4: Elements, Compounds & Mixtures Ch 5: Atomic Structure Ch 6: Chemical Bonding Ch 7: Writing Chemical Equations Ch 8: The Mole Ch 9: Chemical calculations Ch 10: Acids and Bases Ch 11: Salts Ch 13: Metals (Exclude extraction of metals) Ch 14: The Periodic Table	Bring pen, calculator, mechanical pencils with 2B lead, soft eraser and long ruler.  Pupils are to use dark blue or black pens in answering the questions.
<b>Social Studies</b>	4B1	50% of Combined Humanities Duration: 1 hr 45 min  <b>Section A:</b> Source-based Questions (SBQ) (Compulsory) [35m]  <b>Section B:</b> Structured essay Questions (SEQ) (3 SEQ questions choose 1) [15m]	<b><u>Theme 1: Understanding Governance</u></b> <ul style="list-style-type: none"> <li>• <b>Book 3 Ch 2 :</b> Governance in Singapore;</li> <li>• <b>Book 3 Ch 3:</b> Managing Healthcare: Case Study of Singapore.</li> </ul> <b><u>Theme 2: Conflict &amp; Harmony in Multi-Ethnic Societies</u></b> <ul style="list-style-type: none"> <li>• <b>Book 3 Ch 4:</b> Conflict in Multi-Ethnic Societies: Case Studies of Sri Lanka and Northern Ireland;</li> <li>• <b>Book 3 Ch 5:</b> Bonding Singapore.</li> </ul> <b><u>Theme 3: Managing International Relations</u></b>	<b>Section A: SBQ - Compulsory [35m]</b> All pupils must do the compulsory SBQ section: Pupils must be able to support arguments with evidence from the sources. For reliability questions, pupils could cite evidence from contextual knowledge where relevant.  <b>Section B: SEQ: [15m]</b> Each structured question comprises two sub-questions. Pupils must be able to demonstrate

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			<ul style="list-style-type: none"> <li><b>Book 3 Ch 6:</b> Managing Peace and Security: Deterrence and Diplomacy</li> </ul> <p><b><u>Theme 4: Sustaining Economic Development</u></b></p> <ul style="list-style-type: none"> <li><b>Book 4 Ch 2</b> Sustaining Economic Development in a globalizing world</li> </ul>	<p>their understanding and ability to explain, analyse and judgements or events and/or issues using the PEEL structure (State the main point, elaborate with explanations and examples and link to the issue in the question)</p>
<b>Geography (Elective)</b>	4B1	<p><u>Total : 50 marks</u></p> <p><b>Section A: [13marks]</b> Geographical Investigation</p> <p><b>Section B: [12 marks]</b> One structured question, includes one 8-mark LORMS question.</p> <p><b>Section C: [25 marks]</b> -One structured question, includes one 8-mark LORMS question</p> <p><b>Duration: <u>1 hr 40 min</u></b></p>	<p><u>Section A (13 marks; 35 minutes advised)</u> Answer 1 question out of 2 in this section. Questions on GI which will be based on Weather and Climate or Global Tourism.</p> <p><u>Section B (12 marks; 20 minutes)</u> Answer 1 structured question out of 2. One question will be purely Weather and Climate <b>or</b> Global Tourism; the other question will be a mix of Weather and Climate <b>and</b> Global Tourism.</p> <p><u>Section C (25 marks; 45 minutes advised)</u> Answer 1 structured question out of 2. One question will be purely Plate Tectonics <b>or</b> Food; the other question will be a mix of Plate Tectonics <b>and</b> Food</p>	<p><u>Section A:</u> Please bring along the following items: - Calculator - Writing materials including pen / pencil / eraser - Compass - Ruler - Protractor</p> <p><u>Sections B &amp; C:</u> Each structured question comes with sub-parts including an 8-mark LORMS question.</p> <ul style="list-style-type: none"> <li>Refer to the allocation of marks for each sub-part to ensure that there are sufficient points for your answers.</li> </ul>

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				<ul style="list-style-type: none"> <li>● Remember to indicate the sequence of the diagrams if more than one diagram is required.</li> <li>● Pace yourself in the exam - you should not spend more than 35 minutes on the GI question, and not more than 45 minutes on Section C.</li> </ul>
<b>Principles of Accounts</b>	4B1	<p><b>Paper 1:</b> 1 hour (40%): Answer 4 questions</p> <p><b>Paper 2:</b> 2 hours (60%):</p> <p>Section A: Answer three compulsory questions; one of which requires final accounts preparation. (48%)</p> <p>Section B: Choose 1 out 2 questions (12%)</p>	<ol style="list-style-type: none"> <li>1. Accounting principles and their applications</li> <li>2. Source documents and journals to record transactions</li> <li>3. Depreciation and sale of non-current assets</li> <li>4. Subsidiary ledgers, including cash and trade discount, dishonoured cheques</li> <li>5. Trial balance and correction of errors - including journal entries, effect of errors on gross and profit for the year, adjustments on profit</li> <li>6. Income statement and balance sheet with adjustments – sole proprietorship/ companies</li> <li>7. Ledger accounts with adjustments of accruals and prepayments, control accounts</li> <li>8. Bank reconciliation</li> <li>9. Allowance for impairment of trade receivables account, Impairment loss on trade receivables</li> <li>10. Inventory and valuation of inventory</li> <li>11. Companies accounts</li> <li>12. Theories related to each tested topic.</li> </ol>	<p>Calculators are allowed.</p> <p>Neatness and presentation are important.</p> <p>Workings must be shown.</p> <p>For Paper 2, submit question paper and answer scripts separately.</p>