



**SEC 3 NORMAL (ACADEMIC)**

**END-OF-YEAR EXAMS 2017**

**PREPARATION PACKAGE**

**(Updated on 01 Sep 2017)**

# How to Prepare for the Exams

## Preparing myself Academically

### Make a plan

- Using Assessment (MYE, Class Tests) to decide what to focus on.
  - Assessment is more than just a number. Assessment provides us information on what we need to do next.
  - Look through your past assessments and to pick out topics and skills that needs to improve before he can do better.
  
- Study Plan
  - With consideration of your weak areas and using a checklist. You can do a simple study plan.
  - A study plan is important because you have limited time left and a plan will help to utilize the time efficiently and also to help prioritize.
  - Tips on how to do an effective Study plan:
    - Specific – Indicate the specific chapter and or sub-topic.
    - Outcomes – Must have clear observable outcomes. i.e. Written answers, mind maps, notes, essays, etc.
    - Realistic – Don't over plan. Allow for a 10% buffer time.
  
- Positive Monitoring
  - Monitor your progress daily
  - If you are having problems following the plan, discuss with your teacher/parents/friend the obstacles that is preventing you to accomplish the revision planned.
  - If there is need, modify the study plan accordingly.

## Learning effectively and efficiently

- Active Learning
  - Learning is most effective if there are tangible outcomes. (Notes, Mind Maps, Practice papers, etc)
  - Ensure that you check your answers immediately after you have completed the practice.
  - Learn from your mistakes mistakes.
  
- Seeking Help
  - If you are looking for a teacher for help, it would be more effective for you to compile a list of queries to ask instead of just waiting for instruction from the teacher.
  - Small focused study groups can also help you seek answers from your peers.
  - If you are shy, you can look for your teachers in small groups.

### **Effective Learning Environment**

- Remove all distractions from the study area. This includes Mobile Phones, Laptops, Story Books, etc.
- Comfortable, but not too comfortable. A comfortable chair with a firm back. Don't study on the bed or sofa.
- Study area should be brightly lit. Use white lighting instead of warm lighting. Warm lighting is bad for the eyes and it will make you drowsy.
- Ensure that all resources (textbook, notes, assessment book) for the subject is within reach.
- Take regular breaks. Every 1-2 hours. (Take a walk, take a shower, have a snack BUT don't use your phone)

### **Being Healthy makes you learn better**

- Drink lots of water. You need to stay hydrated to be alert and awake.
- Exercising will keep the mind active and it releases endorphins which will help you stay positive. You can just exercise 10-15 minutes a day.
- Ensure that you have sufficient sleep. Do not study through the night. You will be inattentive in school the next day. Sleep deprivation also impacts memory, perception and judgement. 7-8 hours a day will be appropriate for a 13-16 year olds.
- Ensure that you have regular sleeping times. This is to help you remain alert during the day. This is especially important during the examination period.
- Snacking does helps to give energy boosts and keeps alert. However ensure that the snacks are healthy (Fish, nuts, berries, seeds, etc)
- Have a large and healthy breakfast. Breakfast provides a boot to ensure that you are not lethargic during the day.

The reason most people never reach their goals is that they don't define them, or ever seriously consider them as believable or achievable. Winners can tell you where they are going, what they plan to do along the way, and who will be sharing the adventure with them. ~**Denis Watley**

**Ever with the Best**

**--CWSS Academic Committee**

<b>Subject / Code</b>	ENGLISH LANGUAGE / 1190
<b>Day / Date</b>	<b>Paper 1:</b> Mon 25 Sep <b>Paper 2:</b> Thur 28 Sep <b>Paper 3:</b> Thur 5 Oct <b>Paper 4:</b> Wed 4 Oct
<b>Time</b>	<b>Paper 1:</b> 0800-0950 <b>Paper 2:</b> 0800-0950 <b>Paper 3:</b> 0800-0845 <b>Paper 4:</b> 0800-1300
<b>Duration</b>	<b>Paper 1:</b> 1h 50m <b>Paper 2:</b> 1h 50m <b>Paper 3:</b> 45m <b>Paper 4:</b> approx. 15m (per student)
<b>Marks</b>	<b>Paper 1:</b> 70marks <b>Paper 2:</b> 50marks <b>Paper 3:</b> 30marks <b>Paper 4:</b> 30marks
<b>Format &amp; Scope</b>	<b>Paper 1 : Writing</b> Editing, Situational Writing, Continuous Writing  <b>Paper 2: Comprehension</b> Visual Text, Narrative Text Comprehension, Non-narrative text comprehension, Summary  <b>Paper 3: Listening Comprehension</b>  <b>Paper 4: Oral</b> Reading Aloud, Spoken Interaction

<b>Subject / Code</b>	Mathematics 4045 (N Level)
<b>Day / Date</b>	<b>Paper 1:</b> Fri 29 Sep <b>Paper 2:</b> Mon 02 Oct
<b>Time</b>	<b>Paper 1:</b> 0800 - 0930 <b>Paper 2:</b> 0800 - 1000
<b>Duration</b>	<b>Paper 1:</b> 1h 30m <b>Paper 2:</b> 2h
<b>Marks</b>	<b>Paper 1:</b> 60 marks <b>Paper 2:</b> 60 marks
<b>Format</b>	<b>Paper 1:</b> Short Questions <b>Paper 2:</b> Long Questions
<b>Scope</b>	All Sec 1 to Sec 3 topics

<b>Subject / Code</b>	Mathematics / 4048 (O Level)
<b>Day / Date</b>	<b>Paper 1:</b> Fri 29 Sep <b>Paper 2:</b> Mon 02 Oct
<b>Time</b>	<b>Paper 1:</b> 08 00 - 10 00 <b>Paper 2:</b> 08 00 - 10 00
<b>Duration</b>	<b>Paper 1:</b> 2h <b>Paper 2:</b> 2h
<b>Marks</b>	<b>Paper 1:</b> 80 marks <b>Paper 2:</b> 80 marks
<b>Format</b>	<b>Paper 1:</b> Short questions <b>Paper 2:</b> Long questions
<b>Scope</b>	<b>1. All Lower Sec Topics</b> <b>2. Sec 3 topics:</b> <ul style="list-style-type: none"> <li>- Quadratic Equations and Functions</li> <li>- Linear Inequalities</li> <li>- Congruence and Similarity Tests</li> <li>- Area and Volume of Similar Figures and Solids</li> <li>- Coordinate Geometry</li> <li>- Trigonometry and Bearings</li> <li>- Mensuration</li> <li>- Graphical Solutions</li> <li>- Matrices</li> <li>- Geometric Properties of Circles</li> </ul>

<b>Subject / Code</b>	Science (Physics) /5105 P1 & P2
<b>Day / Date</b>	Mon 25 Sep
<b>Time</b>	1050 - 1205
<b>Duration</b>	1h 15m (for both P3 & P4)
<b>Marks</b>	50 marks
<b>Format</b>	<b>Paper 1 Multiple Choice Questions (20 marks)</b> 20 Questions (1 mark each)  <b>Paper 2 Section A (14 marks)</b> Structured Questions  <b>Paper 2 Section B (16 marks)</b> Choose 2 out of 3 free response questions (8 marks per question)
<b>Scope</b>	<b>Topics:</b> <ol style="list-style-type: none"> <li>1. Physical Quantities, Units and Measurement</li> <li>2. Kinematics</li> <li>3. Dynamics</li> <li>4. Mass, Weight and Density</li> <li>5. Turning Effect of Forces</li> <li>6. Pressure</li> <li>7. Work, Energy, Power</li> <li>8. Kinetic Theory of Matter</li> <li>9. Transfer of Thermal Energy</li> <li>10. Themometric Properties</li> </ol>

<b>Subject / Code</b>	Science (Chemistry) / 5105 P3 & P4
<b>Day / Date</b>	Mon 02 Oct
<b>Time</b>	1100 - 1215
<b>Duration</b>	1h 15m (for both P3 & P4)
<b>Marks</b>	50 marks
<b>Format</b>	<p><b>Paper 3 Multiple Choice Questions (20 marks)</b> 20 Questions (1 mark each)</p> <p><b>Paper 4 Section A (14 marks)</b> Structured Questions</p> <p><b>Paper 4 Section B (16 marks)</b> Choose 2 out of 3 free response questions (8 marks per question)</p>
<b>Scope</b>	<p><b>Topics:</b></p> <ol style="list-style-type: none"> <li>1. Kinetic Particle Theory / Particulate Nature of Matter</li> <li>2. Experimental techniques</li> <li>3. Purification of mixtures / Separation Techniques</li> <li>4. Atomic structure &amp; isotopes</li> <li>5. Chemical bonding &amp; Properties (ionic &amp; covalent)</li> <li>6. Chemical formulae &amp; equations (including ionic equations)</li> <li>7. Mole Concept</li> <li>8. Acids, Bases &amp; Salts</li> <li>9. Oxides &amp; pH Scale</li> <li>10. Air &amp; atmosphere</li> </ol>

<b>Subject / Code</b>	Combined Humanities/2216
<b>Day / Date</b>	<p><b>Paper 1 (Social Studies):</b> Thurs 28 Sep</p> <p><b>Paper 3 (History):</b> Tues 03 Oct</p> <p>Note: The School does not offer Paper 2 or Paper 4.</p>
<b>Time</b>	<p><b>Paper 1 (Social Studies):</b> 1050-1235</p> <p><b>Paper 3 (History):</b> 0800 - 0940</p>
<b>Duration</b>	<p><b>Paper 1 (Social Studies):</b> 1h 45m</p> <p><b>Paper 3 (History):</b> 1h 40m</p>
<b>Marks</b>	<p><b>Paper 1 (Social Studies):</b> 50 marks</p> <p><b>Paper 3 (History):</b> 50 marks</p>
<b>Format</b>	<p><b>Paper 1 (Social Studies):</b> Section A: Source-based Case Study 5 sub-questions all compulsory</p> <p>Section B: Short Response Questions Parts (a) and (b) are both compulsory</p> <p><b>Paper 3 (History):</b> Section A: SBQ 5 sub questions all compulsory</p> <p><b>Section B: SEQ</b> 2 sets of 8m and 12m questions. Choose one set only</p>
<b>Scope</b>	<p><b>Paper 1 (Social Studies):</b> Issue 1: Exploring Citizenship and Governance Issue 2: Living in a Diverse Society</p> <p><b>Paper 3 (History):</b> <b>Sec 3 Textbook</b> Chapter 1 Chapter 2 Chapter 3 Chapter 4 Chapter 6</p>

<b>Subject / Code</b>	Chinese N Level 1196 / Malay N Level 1197 / Tamil N Level 1198
<b>Day / Date</b>	Tues 26 Sep
<b>Time</b>	<b>Paper 1:</b> 0800 - 1000 <b>Paper 2:</b> 1100 - 1230
<b>Duration</b>	<b>Paper 1:</b> 2h <b>Paper 2:</b> 1h 30m
<b>Marks</b>	<b>Paper 1:</b> 60 marks, <b>Paper 2:</b> 70 marks
<b>Format</b>	<b>Paper 1:</b> Part 1- Email Writing, Part 2- Essay Writing <b>Paper 2:</b> Language Use and Comprehension
<b>Scope</b>	Format on Email Writing Narrative Essay Language Usage Comprehension Skills

<b>Subject / Code</b>	Chinese O Level 1160 / Malay O Level 1148 / Tamil O Level 1157
<b>Day / Date</b>	Tues 26 Sep
<b>Time</b>	<b>Paper 1:</b> 0800 - 1000 <b>Paper 2:</b> 1100 - 1230
<b>Duration</b>	<b>Paper 1:</b> 2h <b>Paper 2:</b> 1h 30m
<b>Marks</b>	<b>Paper 1:</b> 60 marks, <b>Paper 2:</b> 70 marks
<b>Format</b>	<b>Paper 1:</b> Part 1- Email Writing, Part 2- Essay Writing <b>Paper 2:</b> Language Use and Comprehension
<b>Scope</b>	Format on Email Writing Narrative and Argumentative Essay Language Usage Comprehension Skills

<b>Subject / Code</b>	Additional Mathematics / 4047
<b>Day / Date</b>	Wed 27 Sep
<b>Time</b>	0800 to 0945
<b>Duration</b>	1h 45m
<b>Marks</b>	70 marks
<b>Format</b>	13 to 15 questions
<b>Scope</b>	Chapter 1,2, 3,5,6,9,11,12 (exclude 2.4,3.6)

<b>Subject / Code</b>	English Literature, 2022
<b>Day / Date</b>	Wed 27 Sep
<b>Time</b>	1030 - 1200
<b>Duration</b>	1h 30m
<b>Marks</b>	50 marks
<b>Format</b>	<b>(a) Essay</b> <b>(b) Essay</b> <b>(c) Passage-Based Question</b> <b>Answer either (a) OR (b) AND (c)</b>
<b>Scope</b>	Julius Caesar (Whole book) Plot, Theme, Character and Author's Style

<b>Subject / Code</b>	Computing 7155
<b>Day / Date</b>	<b>Paper 1:</b> Tues 03 Oct <b>Paper 2:</b> Wed 27 Sep
<b>Time</b>	<b>Paper 1:</b> 1040 - 1210 <b>Paper 2:</b> 1030 - 1200
<b>Duration</b>	<b>Paper 1:</b> 1h 30m <b>Paper 2:</b> 1h 30m
<b>Marks</b>	<b>Paper 1:</b> 60 marks (70% weighting) <b>Paper 2:</b> 30 marks (30% weighting)
<b>Format</b>	<b>Paper 1: Written</b> A mixture of – Short answer questions – Matching questions – Cloze passage – Structured questions  <b>Paper 2: Lab-Based</b>
<b>Scope</b>	<b>Paper 1:</b> Chapter 1 to 5, 7 <b>Paper 2:</b> Chapters 1-7

<b>Subject / Code</b>	Principles of Accounts / 7088
<b>Day / Date</b>	<b>Paper 1:</b> Wed 27 Sep <b>Paper 2:</b> Tues 3 Oct
<b>Time</b>	<b>Paper 1:</b> 0800 - 0900 <b>Paper 2:</b> 1040 - 1240
<b>Duration</b>	<b>Paper 1:</b> 1h <b>Paper 2:</b> 2h
<b>Marks</b>	<b>Paper 1:</b> 40 marks <b>Paper 2:</b> 60 marks
<b>Format</b>	<b>Paper 1</b> Answer 3 to 4 compulsory structured questions. (40 marks)  <b>Paper 2</b> Section A (48 marks) Answer 3 compulsory structured questions. One question will be on the preparation of financial statements, which carries 24 marks. The remaining two questions average 12 marks.  Section B (12 marks) Answer any 1 out of 2 structured questions.
<b>Scope</b>	Chapter 1 to 11

<b>Subject / Code</b>	Food and Nutrition 6072
<b>Day / Date</b>	Wed 27 Sep
<b>Time</b>	0800 - 0930
<b>Duration</b>	1h 30m
<b>Marks</b>	80 marks
<b>Format</b>	Section A - Short answer question (20 m) Section B - Data Response Question (28 m) Section C - Essay (32 m)
<b>Scope</b>	Vitamins Minerals Water and dietary fibre Fruits and Vegetables Heat transfer and Methods of cooking Science behind food preparation and cooking Convenience Food



<b>Subject / Code</b>	D&T 7054/01
<b>Day / Date</b>	Wed 27 Sep
<b>Time</b>	0800 - 0930
<b>Duration</b>	1h 30m
<b>Marks</b>	70 marks
<b>Format</b>	<b>Part A:</b> 5 Questions: Answer <b>all</b> questions (28 marks) <b>Part B:</b> Answer <b>any 2</b> out of 3 questions (42 marks)
<b>Scope</b>	<b>Part A:</b> Design process <b>Part B:</b> Structure, Mechanism and Electronics

<b>Subject / Code</b>	Art / 6125 Paper 2
<b>Day / Date</b>	Fri 29 Sep
<b>Time</b>	1100 - 1400
<b>Duration</b>	3h
<b>Marks</b>	100 marks
<b>Format</b>	1 A3 size final art piece
<b>Scope</b>	Answer 1 out of 6 given themes *Students are given 3 weeks in advance to work on 10 pages of A3 size preparatory studies *Students to submit the 10 pages of A3 preparatory studies on the exam day