

# *Preliminary*

## EXAMINATION

## PREPARATION

Me: I'll revise when I get home

Me: Actually I'll just do a bit before bed

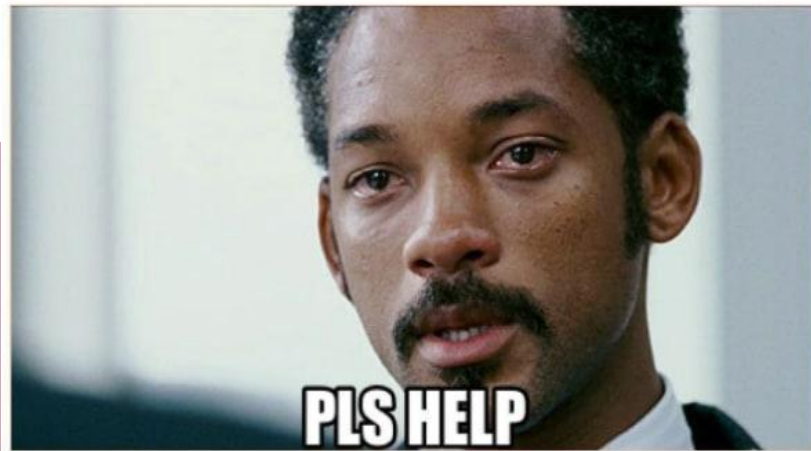
Me: Okay I'll deffo do some in the morning

Me: I guess I could just do some on the way to school

Me: Okay I should have time to do some at lunch

Me: If I revise outside the exam I should be fine

Me in the exam:



# STEP 1 - PLEASE DON'T BE THIS GUY

When you've done absolutely no preparation for an exam but you turn up anyway



# TRY THE TEST BELOW!



<http://www.educationplanner.org/students/self-assessments/learning-styles-quiz.shtml>

LET'S SEE..

HOW DO YOU LEARN  
BEST?

DO WHAT WORKS FOR  
YOU!

## 10 Quick Tips for Successful Exam Preparation

1. Give yourself enough time to study.
2. Use flow charts and diagrams.
3. **Practice** on old **exams**.
4. Explain your answers to others.
5. Organize study groups with friends.
6. Take regular breaks.
7. Plan the day of your **exams**.
8. Drink plenty of water.

The only advice I need

Google

How to sleep 8 hours in 4 hours

how to sleep 8 hours in 4 hours

HOT TIPS!



## Get started with THE POMODORO TECHNIQUE

- 1 Identify your tasks for the day
  - 2 Set a timer for 25 minutes
  - 3 Work for the duration of the timer
  - 4 Take a five minute break
- ★ After every fourth break, take a longer break of 15-30 minutes

# Successful Study Notes

1. Ensure to structure these off the **syllabus!**
2. Know the content, but also know how to **apply** it!
3. Use **colours** where possible (paper, highlighters, coloured dividers etc.)
4. Draw **images** to help prompt your memory
5. Use **Acronyms**
6. Create **study cards** with questions.
7. **Audio**-Record your notes, say them aloud, discuss them with a friend.
8. Study with a **Buddy!**



Exam Problems  
@ExamProblems

Trying to highlight all the important notes in your revision and being left with a piece of paper that's brighter than your future

me after studying less than half a page of my notes



# STUDY NOTES

# THE CORNELL NOTE TAKING METHOD

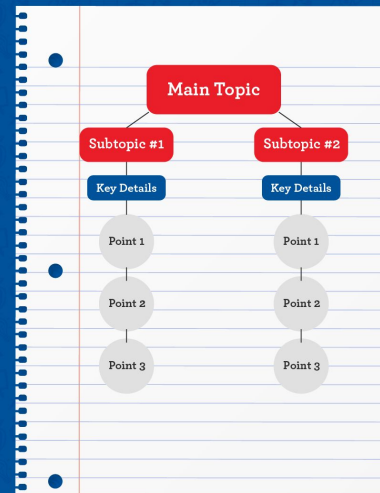
## BEST FOR

Understanding key ideas  
and relationships



SUMMARY  
2 INCHES

CUES 2.5 INCHES		NOTES 6 INCHES
<p>• <b>Cues</b></p> <p>2 After Class <i>Main ideas, prompts &amp; questions.</i></p>	<p>• <b>Notes</b></p> <p>1 During Class <i>Main points and details from class</i></p>	
<p>• <b>Summary</b></p> <p>3 After Class <i>Summary of the lesson, highlighting</i></p>		



# THE MAPPING NOTE TAKING METHOD

## BEST FOR

Visualizing connected  
topics and ideas



# THE OUTLINING NOTE TAKING METHOD

## BEST FOR

Easily creating study  
questions for review



	Today's Date
• <b>Main Topic</b>	
• <b>Subtopic #1</b>	
Key Point #1	
Key Point #2	
• <b>Subtopic #2</b>	
Key Point #1	
Key Point #2	
• <b>Main Topic #2</b>	
• <b>Subtopic #1</b>	
Key Point #1	
Key Point #2	
• <b>Subtopic #2</b>	
Key Point #1	
Key Point #2	



# EXAM STRUCTURE

You know when you in an exam, and you see everyone using ruler and you don't know what the ruler is for 🤔



## Design and Technology

### General Instructions

- Reading time – 5 minutes
- Working time – 1 hour and 30 minutes
- Write using black or blue pen
- Write your student number and/or name at the top of every page

**Total marks – 40**

### Section I – Pages 2–5

**10 marks**

Attempt Questions 1–10

Allow about 15 minutes for this section

### Section II – Pages 6–8

**15 marks**

Attempt Question 11

Allow about 35 minutes for this section

### Section III – Page 9

**15 marks**

Attempt Question 12

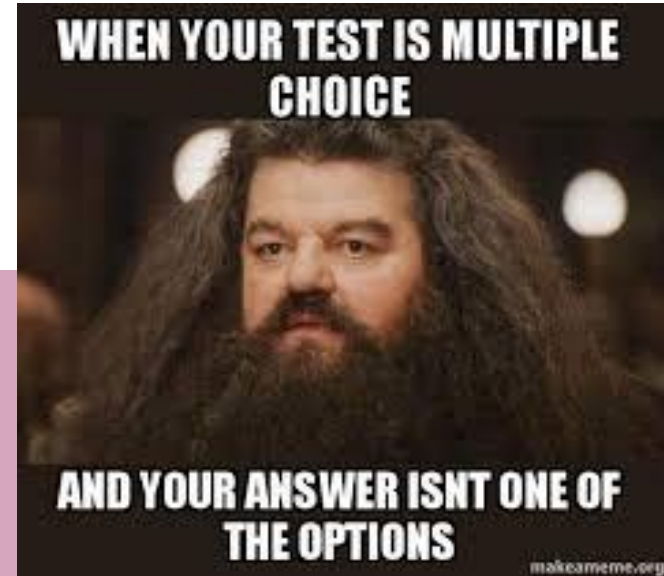
Allow about 40 minutes for this section

**This paper MUST NOT be removed from the examination room**

Multiple choice questions be like



# MULTIPLE CHOICE





# MULTIPLE CHOICE

- Easy marks, do not rush!
- Be sure to read the **FULL QUESTION**
- Use the process of **Elimination**, what questions are most certainly not correct?
- Always reflect on if the question is the **most correct**, some may trick you!




# SO, HOW'S IT LOOK?

- 4 Why do designers conduct market research prior to designing a new product?
- A. To develop a possible marketing campaign
  - B. To determine the level of consumer demand
  - C. To access alternative manufacturing techniques
  - D. To understand the impact of a life cycle analysis
- 5 Many Australian homes are currently being designed to bring the indoors to the outdoors.  
Which of the following has influenced this practice?
- A. Cultural diversity
  - B. Changing social trends
  - C. Technological changes
  - D. Changing nature of work
- 6 Which of the following should a designer first consider when conducting an analysis of a targeted audience?
- A. Market trends
  - B. Brand awareness
  - C. Purchasing power
  - D. Cost-to-value ratio
- 7 Why would a designer make prototypes after creating CAD models for a client?
- A. To save time and staff costs
  - B. To ensure funding by investors is secured
  - C. To demonstrate the final design to the client
  - D. To simulate possible issues that may arise in production

**Total Marks (10)**  
**Attempt Questions 1-10**  
**Allow about 10 minutes for this section**

Select the alternative A, B, C, D that best answers the question and indicate your choice with a cross (X) in the appropriate space on the grid below.

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				



Use a  
ruler/highlighter/pen  
as a guide!

# LETS PRACTICE!

- 9 Why do many manufacturing companies incorporate built-in obsolescence into their products?
- (A) To increase the probability of consistent sales
  - (B) To ensure that the product is sustainable in the market place
  - (C) To extend the product's life span beyond the warranty period
  - (D) To make the product safe to use for an extended period of time
- 10 How can designers best achieve sustainable design?
- (A) Create designs that follow the latest trends.
  - (B) Ensure that a product will be durable and competitive in the marketplace.
  - (C) Seek to reduce both the negative impact of the design on the environment and the cost to the consumer.
  - (D) Provide the consumer with products that are environmentally friendly and use the minimum amount of resources.

# AND A LITTLE MORE...

- 5 Which of the following best outlines why designers would use 3D modelling when presenting their designs to manufacturers?
- A. To ensure that the design is aesthetically appealing
  - B. To clarify any issues that may occur during production
  - C. To allow the manufacturers to visualise the final design
  - D. To show the manufacturers what the product must achieve
- 6 A design team is about to start developing a new range of products. Part of this process is the implementation of management plans.

These plans ensure that the products

- A. meet the intended purpose.
- B. address all legal requirements.
- C. are developed on time and on budget.
- D. meet the needs of the target market.

# SHORT ANSWER

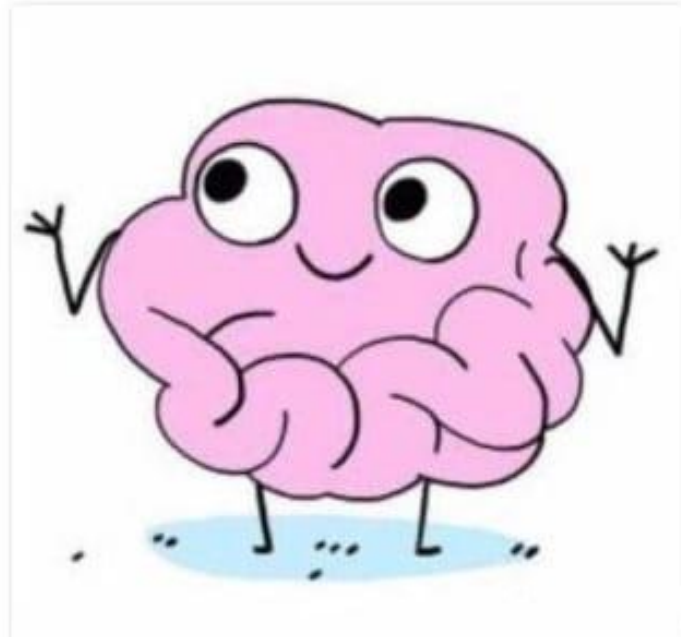
\*taking exam\*

Me: Hey Brain! Remember studying this stuff??

Brain: Yeah we totally studied that!

Me: Awesome! So what's the answer?

Brain:



# SHORT ANSWER

1. Read and **Breakdown** the Question-what is it asking?
2. Think of the **syllabus** dot point it related to.
3. Underline **key words**. Write down prompt words for yourself.
4. Keep to the point and follow **STEC**, avoid waffle
5. Keep an eye on the **time**.
6. **Don't panic** if you don't know, leave it until last and write what you can. Make an educated guess-better than a non-attempt!



# S-T-E-C

S	Statement - Answer the Question
T	Terminology - Use metalanguage
E	Example - Link to industry
C	Consequences



## LET'S HAVE A GO AS A CLASS...

## 2014 HSC

### Question 12 (6 marks)

Explain why new and emerging technologies will continue to be developed.

6

20 Lines of  
Writing →

This image shows a blank sheet of white paper with horizontal ruling lines. There are ten sets of lines across the page. Each set consists of three lines: a solid black line at the top, a dashed black line in the middle, and another solid black line at the bottom. The lines are evenly spaced and extend across the entire width of the page.

**2021 HSC**

## 4

[illegible]

(b) Discuss the use of technology to conduct an evaluation of a product.

4

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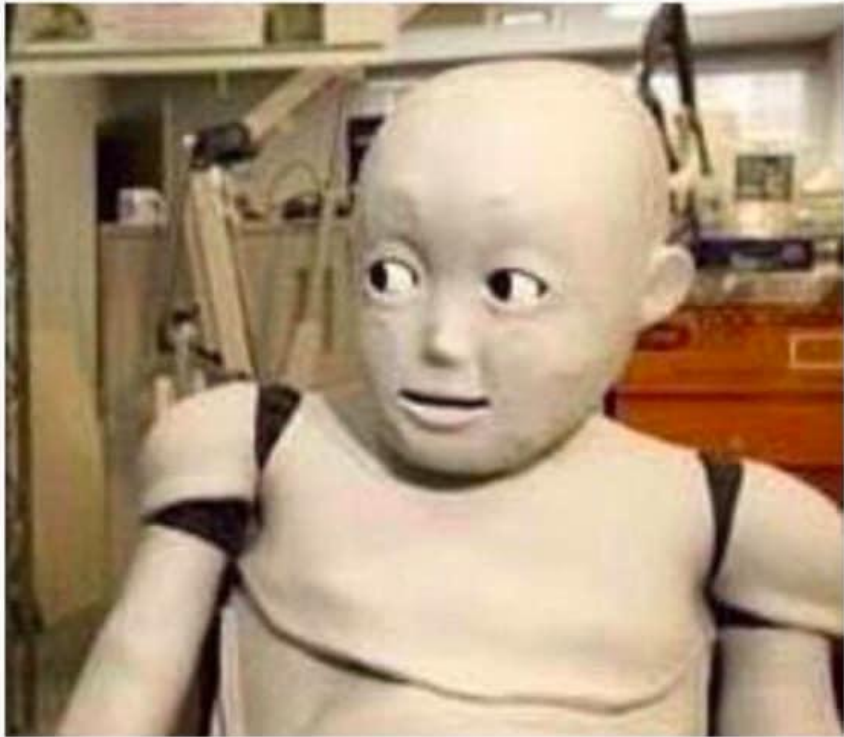
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2016 HSC

WHAT  
ABOUT A  
DISCUSS?

When you're struggling to write enough in the exam and see someone asking for more paper



# EXTENDED RESPONSE

# EXTENDED RESPONSE

1. Pick the syllabus **dot point**
2. Make a **plan/structure**
3. Quickly note down **key points/words/examples** to assist yourself
4. Structure **paragraphs** with intention
5. Always **link back** to the question

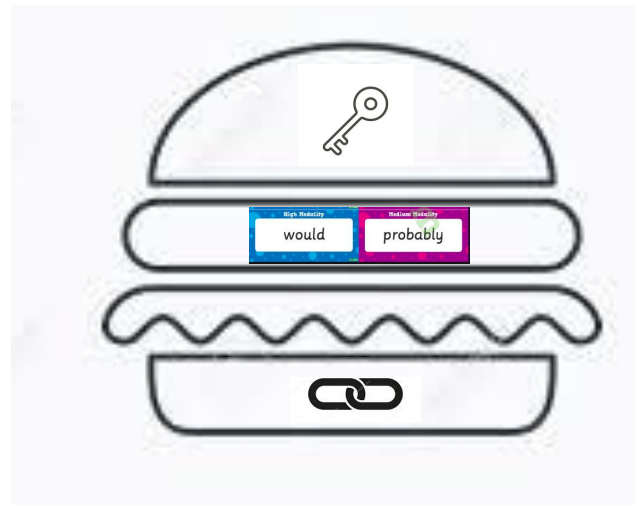
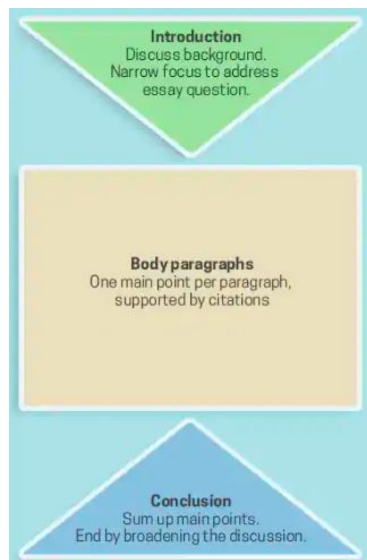
"thus"  
"nevertheless"  
"furthermore"  
"consequently"  
"regardless"  
"subsequently"  
"in addition"  
"simultaneously"





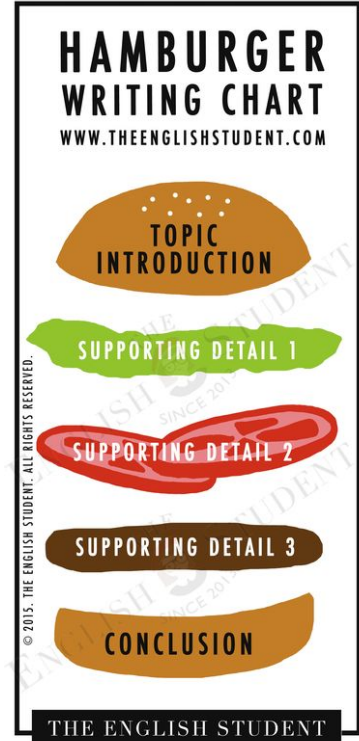
# EXTENDED RESPONSE FORMULA (A - P - I)

1. **Attack/Breakdown** the question
2. **Plan** your response
3. **IDEAL** (use metalanguage, modality, link to the question)



I	<b>Introductory</b> Sentence
D	Provide <b>detailed information</b> - Use Metalanguage (words that relate to this topic)
E	<b>Example</b> - Link to industry, think back to class practicals, videos we have watched, activities/experiments we have completed etc.
A	<b>Analysis</b> - tell me why, how, the consequences etc. <i>As a consequence...</i> <i>This demonstrates the...</i> <i>This was/is important because...</i> <i>This was/is significant because...</i>
L	<b>Link</b> back to the question and address it.

I-D-E-A-L



# HOW'S IT LOOK?

## **Section III**

**15 marks**

**Attempt Question 14**

**Allow about 40 minutes for this section**

Answer the question in the space provided. This space provides guidance for the expected length of response.

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Your answer will be assessed on how well you:

- demonstrate knowledge and understanding relevant to the question
  - communicate ideas and information using relevant examples
  - present a logical and cohesive response
-

# AND THE QUESTION?

**Question 14** (15 marks)

**2021 HSC**

The images below illustrate two innovative transport systems which have been developed with the aid of emerging technologies.



Delivery drone



Driverless truck

Analyse the legal issues and the economic issues that may arise due to the increased use of these innovative systems.

**OR**

**Question 14** (15 marks)

**2018 HSC**

Analyse how new and emerging technologies have improved current communication methods.

NOW APPLY A - P - I

**Question 14** (15 marks) 2018 HSC

Analyse how new and emerging technologies have improved current communication methods.

ATTACK	PLAN	IDEAL

THINK YOU ARE FINISHED?



READ OVER YOUR ANSWERS!

WRITE UNTIL THE END, THIS IS  
YOUR CHANCE TO SHOWCASE YOUR  
KNOWLEDGE.

Me: Maybe I should double check  
my answers

Inner me: If you didn't know it then  
you don't know it now



PLEASE  
REMEMBER  
THIS IS NOT  
FOREVER

When you see your friends outside having fun but you still have exams



# TIPS FOR STRESS...

