



## 12 Information Processes & Technology

### Task 2: Half Yearly Exam

**Exam Date:** Wednesday 10th April (8:40 - 10:45am)

**Distributed:** 16 Mar 2024    **Weighting:** 0% NESA HSC (100% Half Yearly Report)

**Task Type:** Written Exam    **Syllabus Outcome/s:** H1.1, H1.2, H2.1, H2.2

#### Task Description

Using syllabus outcomes and content as a guide, students will be examined on the key areas of learning listed below:

- Information Systems & Databases
  - Information Systems
  - Database Information Systems
  - Organisation of data and information
  - Storage & Retrieval
  - Other Information Processes including:
    - Displaying
  - Issues related to Information Systems & Databases
- Transaction Processing Systems
  - Characteristics of Transaction Processing Systems
  - Types of Transaction Processing Systems
  - Storing and Retrieving in Transaction Processing Systems
  - Information processes used in Transaction Processing Systems including:
    - Collecting
    - Analysing
  - Issues related to Transaction Processing Systems

The exam is 2 hours in length with 5 minutes reading time.

Section I:	20 marks	Multiple Choice
Section II:	30 marks	Short Answer
Section III:	30 marks	Short Answer/Extended Response

Total Marks = 80

## Preparation for this Task

As this is an examination you will need to prepare for this task by:

- Creating your summary notes page covering each topic listed above (you could use mind maps, flow charts, dot point lists etc).
- Completing practice questions
- Seeking teacher assistance on unclear work
- Ensuring all set work is up to date, including formative tasks and classwork activities

## NESA Glossary of Key Words

Understand the verbs associated with the task. These verbs will provide an understanding of the detail needed to successfully answer the questions. Some of the verbs typically associated with these questions include:

- **Analyse:** Identify components and the relationship between them; draw out and relate implications
- **Describe:** Provide characteristics and features
- **Discuss:** Identify issues and provide points for and/or against
- **Explain:** Relate cause and effect; make the relationships between things evident; provide why and/or how
- **Identify:** Recognise and name
- **Justify:** Support an argument or conclusion
- **Outline:** Sketch in general terms; indicate the main features of

## Details of Submission

Students will complete this task in the school hall on the date listed. Exam requirements are outlined below:

- Students will need to bring a black pen.
- Student name/ID must be written on the front of the examination paper and all writing booklets.
- The examination paper and writing booklets will be provided.
- Students are to attempt ALL questions.
- Students are NOT permitted to bring notes into the exam.
- Any student who is absent on the day of the examination must follow the illness/misadventure procedures in the school's assessment policy. Non-completion of the task without successful illness/misadventure appeal will receive a zero-mark and an N-Warning notification, as outlined in the Year 12 Assessment Booklet.

## Teacher Feedback and Student Self-Reflection

The task will be returned to students within **14 days** of the exam date. Teacher feedback including information on how to improve will be provided through written feedback and the marking criteria. Students can clarify or seek further feedback by speaking with their teacher.

Students will be required to complete a self-reflection form at the time they receive their assessment mark and teacher feedback. Self-reflection is an important part of the learning process as it provides an opportunity to reflect on the strength of their performance, as well as areas that have been identified to strengthen in future tasks.

Upon return of the task, students will also be expected to complete a self-reflection.

<https://forms.gle/oKo2B6iQ5UFFQW566>

## How does this link to my learning?

This task will draw together an understanding of fundamental Information Processes and Technology concepts, providing students with the opportunity to demonstrate their knowledge and understanding of Information Systems and Transaction Processing Systems. This task will also allow students to gain feedback on areas of strength and areas on which to improve for the HSC Course.

The structure and questioning style presented in this task will mirror that of the HSC examination.

## Assessment Procedures

Students should be fully aware of the School Assessment Procedures for their year group. These were provided at the beginning of the school year and are available off the school website under the 'Learning' menu for each year group.