Holy Cross College
Assessment
2019
Preliminary HSC Software Design and Development

Assessment Task No: 3
Preliminary HSC Examination

Date Handed Out
Monday 1 July 2019
(Term 2, Week 10)

Date of Task
Preliminary HSC Examination Block (Term 3, Week 7)

Weighting
40%

Total Marks
100

SUBMISSION INSTRUCTIONS
This task is to be completed in the Preliminary HSC Examination Block.

CONTENT (OR PURPOSE) FOR THE TASK
In order to demonstrate the knowledge and understanding developed in the areas of Concepts and Issues in the Design and Development of Software, Introduction to Software Development and Developing Software Solutions, students will be tested in a series of questions. The questions will challenge students to apply their understanding and knowledge to given scenarios and thus demonstrate their understanding.

TASK RUBRIC
In your response to the task and activities you will be assessed on how well you:

- demonstrate knowledge and understanding relevant to the question
- communicate using relevant terminology and concepts
- present a logical and cohesive response

OUTCOMES BEING ASSESSED, GENERAL CAPABILITIES & CROSS CURRICULUM PRIORITIES

| P1.1 | describes the functions of hardware and software |
| P2.1 | describes developments in the levels of programming languages |
| P2.2 | describes the effects of program language developments on current practices |
| P4.3 | uses a variety of development approaches to generate software solutions and distinguishes between these approaches |
| P5.2 | uses and develops documentation to communicate software solutions to others |
| P6.1 | describes the skills involved in software development |
# THE TASK

## EXAMINATION FORMAT

<table>
<thead>
<tr>
<th>Duration:</th>
<th>2 Hours + 5 Minutes Reading Time</th>
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<tbody>
<tr>
<td>Number of sections:</td>
<td>2</td>
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<tr>
<td>Other information:</td>
<td><strong>Total Marks - TBA</strong></td>
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- **Section I (Multiple Choice)**
  - Allow about 25 minutes for this section

- **Section II (Short Answer)**
  - Attempt ALL questions
  - Allow about 1 hour and 35 minutes for this section

## EQUIPMENT REQUIRED

- Black Pen
- Pencil
- Eraser
- Ruler

## TASK DETAILS

### Topics Assessed:

- Preliminary Topic 1: Concepts and Issues in the Design and Development of Software
- Preliminary Topic 2: Introduction to Software Development
- Preliminary Topic 3: Developing Software Solutions

## MARKING CRITERIA

<table>
<thead>
<tr>
<th>MARKING CRITERIA</th>
<th>Marks</th>
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<tbody>
<tr>
<td>Section I - Multiple Choice</td>
<td>TBA</td>
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<tr>
<td>Section II - Short Answer</td>
<td>TBA</td>
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