



VCAA ASSESSMENT ONLINE

THE COMPOSITION OF ON DEMAND ADAPTIVE TESTS



Table of Contents

1. General Adaptive Tests	3
2. Single Dimension Adaptive Tests	4

1. General Adaptive Tests

- ◆ The general English and Mathematics computer adaptive tests consist of 60 questions. Each student is presented with a different selection of questions drawn from a large question pool consisting of questions from the different dimensions of the domain.
- ◆ All questions within the item pool have been allocated a curriculum level from 2 to 6 and an estimated difficulty within that level, namely 'high' (H), 'medium' (M) or 'low' (L). These are combined for each item to form its sub-level, e.g. 3L.
- ◆ In a general Adaptive test, students are presented with 12 subtests. Each subtest contains **five** questions from a particular sub-level.
- ◆ If a student successfully answers 3 or more questions within a subtest, the next subtest the student receives will be at the next higher sub-level, e.g. if a student successfully answers 3 questions in a subtest at the 4M sub-level, the next subtest the student receives will be at the 4H sub-level.
- ◆ If a student successfully answers less than 3 questions within a subtest, the next subtest the student receives will be at the next lower sub-level, e.g. if a student successfully answers 2 questions in a subtest at the 4M sub-level, the next subtest the student receives will be at the 4L sub-level.
- ◆ Figure 1 shows the possible pathways through a Year 7 - 60 item general computer adaptive test. The first subtest within a test for Year 7 is at the 4H sub-level.

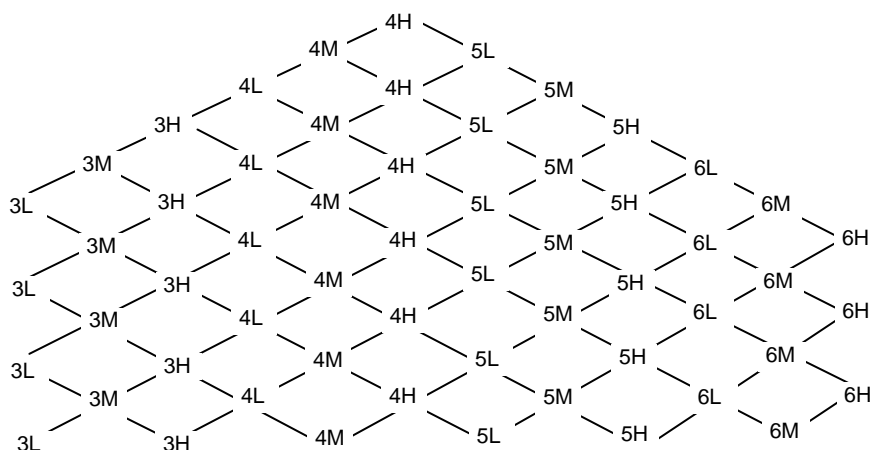


Figure 1: Possible pathway for a Year 7 - 60 Item General Adaptive Test.

- ◆ For the general English adaptive test, the 5 questions in the subtest consist of a mixture of reading, writing and spelling questions.
- ◆ For the general Mathematics adaptive test, the 5 questions in the subtest consist of questions from Number, Space, Structure, and Measurement, chance and data.

