

**CRITICAL REASONING  
TEST BATTERY  
(CRTB2)**

**&**

**CRITICAL REASONING  
TEST BATTERY  
(WITH ABSTRACT REASONING)  
(CRTB2 AR1)**

Sample question Booklet

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## Part One – Critical Verbal Reasoning

### *Instructions*

In this test you have to draw inferences from short passages of text.

- You will be presented with a passage of text followed by a number of statements.
- Your task is to decide, on the basis of the information contained in the passage, whether each statement is true, false, or cannot be inferred from the passage.
- Your decision should be based only on the information contained in the passage and not on your own knowledge or opinions.
- Please note that these examples are an indication of the **type** of questions you will be asked and the format that the questions will take, **not the level** or the difficulty of the questions you may encounter.

For each statement you will be asked which of the following three categories correctly describes whether the statement can be inferred from the passage.

- **TRUE:** This means that the statement directly follows from the facts provided within the passage. That is to say, the statement can be logically inferred from the information given in the passage.
- **CANNOT DETERMINE:** This means that there is not enough information provided within the text to infer whether the statement is either true or false.
- **FALSE:** This means that it is possible to infer from the information provided within the passage that the statement is definitely not true.

**SAMPLE**

## **SAMPLE Critical Verbal Reasoning Questions**

### **MARKETING WEEKLY**

While the number of commercial radio stations has doubled over the last ten years further growth is limited as no new radio frequencies are now available. While a few popular radio stations are making substantial profits most, however, are running at a loss. This is mostly due to poor audience figures limiting the amount that can be charged for advertising space. In this context, it is expected that some radio stations may go bankrupt within the next few years.

1. It is likely that the recent rapid expansion in the number of commercial radio stations will continue.

TRUE, FALSE, or CANNOT DETERMINE?

2. Audience figures affect a radio station's profitability.

TRUE, FALSE, or CANNOT DETERMINE?

3. Commercial radio stations are likely to increase their profitability over the next few years.

TRUE, FALSE, or CANNOT DETERMINE?

## Part Two – Critical Numerical Reasoning

### *Instructions*

- In this test you will have to draw inferences from numerical information which is presented in tabular form.
- You will be presented with a numerical table and asked a number of questions about this information.
- You will then have to select the correct answer from one of six possible choices.
- One and only one answer is correct in each case.
- Please note that these examples are an indication of the **type** of questions you will be asked and the format that the questions will take, **not the level** or the difficulty of the questions you may encounter.

## SAMPLE Critical Numerical Reasoning Questions

MEN						WOMEN					
% of Men, within each Age Group, citing each of the listed Characteristics as the most important feature of a car.						% of Women, within each Age Group, citing each of the listed Characteristics as the most important feature of a car.					
CHARACTERISTIC	20-29	30-39	40-49	50-59	60-69	CHARACTERISTIC	20-29	30-39	40-49	50-59	60-69
Performance	52	32	38	32	26	Performance	18	12	8	10	5
Economy	3	20	18	18	27	Economy	17	24	29	28	32
Reliability	20	28	18	22	38	Reliability	34	32	24	27	35
Safety	5	15	13	22	5	Safety	18	30	32	31	27
Design	20	5	13	6	4	Design	13	2	7	4	1

1. For Women, which is the least important feature of a car?

Performance	Economy	Reliability	Safety	Design	Cannot say
1	2	3	4	5	6

2. For men over the age of 39, what is the most important feature of the car?

Performance	Economy	Reliability	Safety	Design	Cannot say
1	2	3	4	5	6

3. For men under the age of 30 how many times more important is performance than safety?

5.1	9.8	11.0	5.0	10.4	Cannot Say
1	2	3	4	5	6

## **Answers:**

### **Critical Verbal Reasoning**

1. The correct response is FALSE. It is explicitly stated within the text that further growth in the number of radio stations is limited due to there being no new radio frequencies available.
2. The correct response is TRUE. It is explicitly stated that audience figures affect advertising revenue, thus affecting profitability.
3. The correct response is CANNOT DETERMINE. It is impossible to infer, from the information provided in the text, whether radio stations in general will become more profitable.

### **Critical Numerical Reasoning**

1. The correct answer is DESIGN. It can be seen in the table that amongst women, design was consistently chosen by the lowest percentage as the most important feature of a car.
2. The correct answer is PERFORMANCE. It can be seen that of all the features of a car, performance is the most highly rated by men over 39.
3. The correct answer to this question is 10.4. Of all males below 30, 5% identified safety and 52% identified performance as the most important feature of a car. 5% times 10.4 is %52.

## **CRTB2 AR1 ONLY**

### **Graduate Abstract Reasoning Exercise (AR1 / GRT1A)**

#### **Please Note:**

The CRTB2 AR1 includes the Critical Verbal and Critical Numerical reasoning exercises as well as the Graduate Abstract Reasoning Exercise. You only need to prepare for this section if you are sitting the CRTB2 AR1. If you are just sitting the CRTB2, you do not need to prepare for this section.

#### ***Instructions for Abstract Reasoning***

This assessment is designed to assess your ability to perceive and understand the relationships between abstract shapes and patterns.

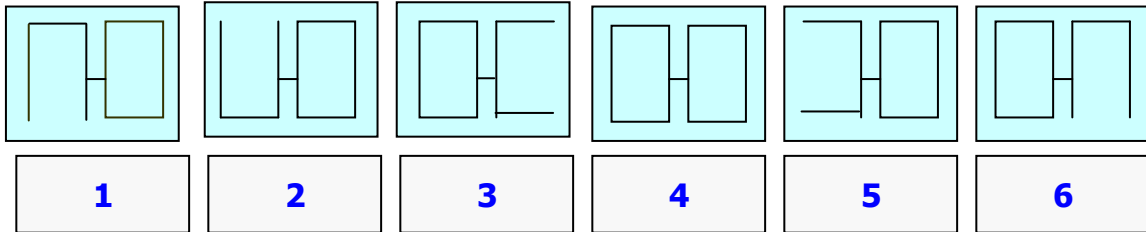
Each question has six possible answers. **One and only one** is correct in each case.

Please note that these examples are an indication of the type of questions you will be asked and the format that the questions will take, not the level or the difficulty of the questions you may encounter.

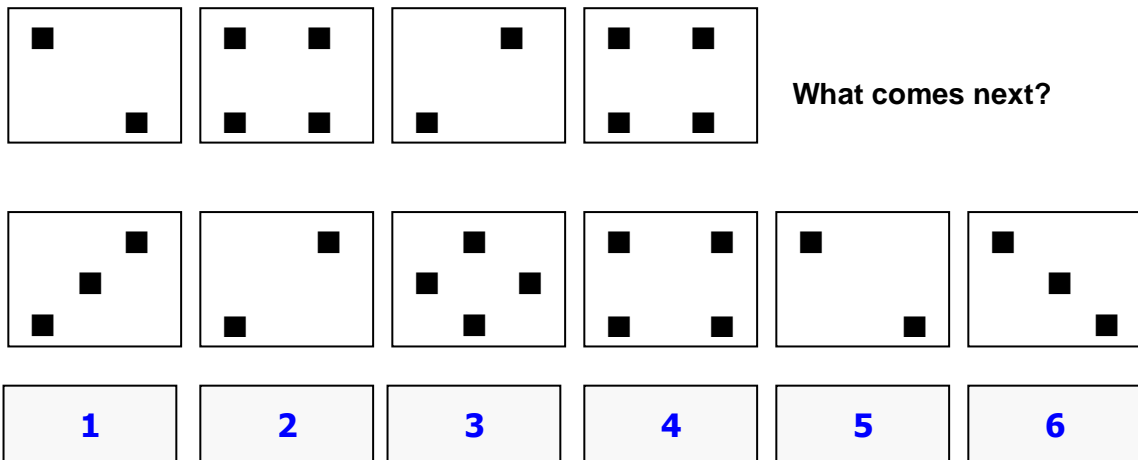
## SAMPLE Abstract Reasoning Questions

Example GRT1 Abstract questions:

1. Which of the following is the odd one out?



2.



## **SAMPLE**

### **GRT1A / AR1 Answers:**

1. **4** – This is the only answer in which both boxes are closed. All the others have one open box.
2. **5** – The top four boxes alternate 2,4,2,4 dots respectively. The orientation of the two-dot boxes alternate also.