

## GMAT Integrated Reasoning (IR) Syllabus

Integrated Reasoning (IR) is the latest test section included in the GMAT from 2012 onwards. This section comprises 12 questions are required to be attempted within 30 minutes. The IR score is measured on a separate scale of 1-8. The aim of the test is to evaluate student's ability to synthesize information, solve and conclude a correct answer. The questions come in two formats either it involves mathematical and verbal reasoning separately or the combination of both.

### GMAT IR Syllabus

The detailed IR syllabus is mentioned below.

#### Integrated Reasoning Question Types

Four types of questions are used in the Integrated Reasoning section:

1. **GMAT Multi-Source Reasoning**

In this, you have to gather information that is presented in multiple tabs. It includes questions related to Critical Reasoning and Quant. The information given may be presented in text or in charts form.

#### A. Multi-source reasoning –

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#### Example –

- Email #1
- Email #2
- Email #3

*Email from **administrator** to research staff*

*January 15, 10:46 a.m.*

Yesterday was the deadline for our receipt of completed surveys from doctors who were invited to participate in the Medical Practice Priorities Survey. Did we get enough returns from this original group of invitees to get reliable statistics? Do we need to invite additional participants?

Consider each of the following statements. Does the information in the three emails support the inference as stated?

- Yes
- No

- 
- 

The administrator is unwilling to invite as many participants in the second group as were invited in the first group.

- 
- 

The project coordinator does not expect to be able to meet the goal for numbers of completed surveys received.

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The administrator is willing to accept some risk of exceeding the budget for compensating participants.

[Download FREE GMAT IR Multi Reasoning questions here](#)

## 2. **GMAT Table Analysis**

You will be given a sortable table along with three different questions, each with two answer choices. Identify the useful and non-useful data to answer the questions based on it.

### **Syllabus for GMAT Exam**

#### **Table analysis –**

You will be given a sortable table along with three different questions, each with 2 answer choices. Differentiate between useful and non-useful data to answer the questions based on it.

#### **Example –**

For each of the following questions, select Yes if the statement can be shown to be true based on the information in the table. Otherwise, select No.

Yes No

Finland has 30.5% of 20+ years olds in tertiary education.

## 3. **GMAT Graphics Interpretation**

Test takers are provided with a graph or chart to analyze the information. There are two questions for which you have to interpret the graph and complete the statements by choosing the appropriate answer from the drop down menu.

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**Example –**

1) The graph below shows the different commuting options chosen by commuters in the Fairview City metropolitan region in 1995 and in 2005.

**Q.** the commuting mode increased by approximately 29% from 1995 to 2005 is \_\_\_\_\_.

- a. bike
- b. subway & bus
- c. commuter trains
- d. car

4. **GMAT Two Part Analysis**

TPA (Two-Part Analysis) questions include a short paragraph with information. Multiple Answer choices are presented in different columns and rows where each column stands for a component and is a part of the solution. You will have to select one answer from each column.

**Two-part analysis**

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**Example –**

The area of a triangle, in square meters, is  $\frac{7}{3}$  times the height in meters, and it is also  $\frac{13}{5}$  times the base, in meters.

In the table below, select a value for the height and value for the base, where both are measured in meters, so that the two values are jointly consistent with the information provided. Make only two selections, one in each column.

**Note –**

- You need to answer all the parts of a question consisting multiple parts to get credit. Partial answers are unacceptable
- You need to finish answering all the parts of the displayed questions to move to the next one. Once answered, you cannot go back and rectify or change it.

We'll be glad to assist you in your GMAT preparation journey. For any query related to GMAT and MBA give us a missed call at 08033172797, or you can drop an SMS. You can write to us at [gmata@byjus.com](mailto:gmata@byjus.com).

