The exam board (ACER) produces the material and the test candidate has to analyse, understand and answer correctly. Skills you must master are timing, specific skills according to the 3 sub types and accuracy in completing the answer sheet.

Also please note:

a/ The UMAT is the SAME test for ALL professions.

b/ The UMAT used to be divided into 3 distinct sub sections, comprising of 3 very different question types.

These 3 different question types are still part of the UMAT, however, they are not presented as 3 different sections anymore. All questions are mixed. This makes the UMAT harder as the 3 different sub tests require different skills and different ways of thinking.

1/ Logical Reasoning and Problem Solving

What does this Question Type test for? The Logical Reasoning and Problem Solving questions test the student’s ability to comprehend information, draw logical conclusions and reach a solution from a variety of different types of data sources, eg. tables, line graphs, barcharts, maps, diagrams or a short reading passage from a text book or lecture etc.

What will you learn? MasterCourse Teachers will demonstrate different question types/ question styles, various question structures, how to approach the various types, typical pit falls and distractors We train you in the strategies (tips- how to do these tasks) and practice with more questions of the same 4 sub-question styles. 1/ Data Interpretation, 2/ Logical Reasoning, 3/ Problem Solving, 4/ Statistics

A toy store in Sydney sells five boxes of marbles which contain either blue, green or red marbles or a combination of the colours. There has been a mix up with the manufacturer and all of the five boxes have had the wrong code written on them. The correct codes are as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Marbles</th>
</tr>
</thead>
<tbody>
<tr>
<td>B2</td>
<td>100 Blue marbles</td>
</tr>
<tr>
<td>G2</td>
<td>100 Green marbles</td>
</tr>
<tr>
<td>R2</td>
<td>100 Red marbles</td>
</tr>
<tr>
<td>B1R1</td>
<td>50 Blue marbles and 50 Red marbles</td>
</tr>
<tr>
<td>G1R1</td>
<td>50 Green marbles and 50 Red marbles</td>
</tr>
</tbody>
</table>

1. If the first box opened has the code B2 and the second box has code B1R1 and out of the combined 200 marbles, 50 were green, which of the following is true?

A) There cannot be a total of 150 red marbles
B) The other 150 marbles will contain at least 50 red marbles
There will be 200 green marbles.

Out of the remaining 150 marbles, 100 of them will not be blue.

A woman is showing her friend a photo and points to a man who is in the center of the photo. The woman says, "His brother's father is the only son of my grandfather." How is the woman related to the man?

A) Sister  
B) Aunt  
C) Grandmother  
D) Daughter

Of the following statements, both cannot be true but both can be false. Which are these two statements?

1. All dogs bark
2. Some dogs bark
3. No dogs bark
4. Some dogs do not bark

A) 1 and 2  
B) 3 and 4  
C) 1 and 3  
D) 2 and 4

Three car companies are all competing for the top spot in Australia. These three companies are Ford, Toyota and Holden. A questionnaire was sent out to 10000 Australian citizens to see which of the three companies had the most popular fleet of cars. It was seen that 1500 people only supported Toyota, 18% only supported Ford and 25% only supported Holden. 1000 of the Australians responded that they supported all three car companies while 32% said they supported both Toyota and Holden. How many people supported both Ford and Toyota?

A) 0%  
B) 12%  
C) 13%  
D) 35%

Understanding People

What does this Question Type test for? The Understanding People questions test the student’s ability to identify, understand the thoughts and behaviour of people of various personalities, in
different setting and in various situations. The student is also asked to infer future behaviour based on past thoughts and behaviour described. Reading people, Empathy etc are tested.

**What will you learn?** MasterCourse Teachers will demonstrate different question types/ question styles, various question structures, how to approach the various types, typical pitfalls and distractors. We train you in the strategies (tips - how to do these tasks) and practice with more questions of the same 4 sub-question styles. 1/ Doctor-Patient interaction, 2/ Other interactions, 3/ Reflective passages, 4 Cartoon interpretation.

![Cartoon](image)

**The Women on the right are most likely feeling**

A) Disinterested  
B) Unamused at the scientists  
C) Tired  
D) That their priorities are misunderstood.

My mother is mean to my father and me. Just recently my grandmother got really sick and my father has been over at her house all the time, trying to help her feel better but her condition is deteriorating. My grandmother is a widow and my father isn’t coping well at the prospect of losing his only remaining parent. I’m very close to my dad, he’s been there for me every time I’ve needed him, I can always rely on him. Recently I have found that I’ve been spending a lot of my time trying to make my dad feel better and I can see that he is trying to be happy for me but deep down, he can’t be happy. My mother isn’t making matters any better, she’s really mean and it’s like she is only using my dad for his money. They’re separated right now but my mum puts him through a lot of stress. I want them to just get divorced already, my father deserves better. Although I say that I want
them to divorce, deep down I know that it isn't the right thing. If my parents get divorced, I know that my mother will get custody of me which would just break my father's heart. My mother screams at me a lot, I love her but I also hate her, I remember her laughing at me when a bully at school called me fat.

I remember being 6 or 7 and me and my half sister would sit in our rooms and cry because we could hear my mum and dad fighting and screaming in the front room. Lucky for them they're older and they moved out. I still have to live with her, my mum has always been like this, she never tells me that she loves me and if I'm sad, she just pats me n the back and then leaves. I'm almost always sad, angry and sleepy. I stopped going to school and I don't eat, I feel so fat. I really want to go and live with my dad but I know if I left my mum, it would kill her.

1. The child stays with his mother because he most likely feels
   A) Obligated
   B) Love
   C) Afraid
   D) Alone
   
   (A)

Dr Shirley was my psychiatrist and I used to go and visit her regularly to treat me for my depression. She used to give me antipsychotic medication, I don't know why. For some reason, I decided to stop taking these pills and all of a sudden I experienced a number of symptoms that I didn't have before. It was as if the medication gave me these problems. I started to see things that weren't there and I would misinterpret objects that were put in front of me. For example, if I saw a blanket, if might mistake it for a towel or a curtain. I went back to my psychiatrist to discuss what was going on and he told me that my schizophrenia was getting worse. I had no idea what he was talking about. I had depression, not schizophrenia. Dr Shirley disagreed and told me it was the schizophrenia that was making me depressed. He said that there was nothing I could do except keep on taking the medication, and so I did. From day one I noticed that the antipsychotic medication wasn't doing anything. I was turning insane.

7. At the beginning of the passage, the patient is most likely feeling
   A) Detached
   B) Emotional
   C) Confused
   D) Saddened

   The following is an interaction between Sam and his friend Tom who are both 15.

Sam: I don't even understand why you would steal the cup from the bar in the first place!

Tom: Relax man, it's just a cup. I liked it.

Sam: You can't just take things because you like them, it's not like you can't afford to buy a cup. You've changed.
Tom: You are so snobby nowadays, what about the time we went to the shops and you ate that packet of chips without paying for it!

Sam: That was a long time ago

Tom: You're the one that's changed, don't pretend like you're some good Samaritan. You're just like me.

4. When Sam finds out that Tom has stolen the cup at the beginning of the passage, he feels:

A) ashamed
B) incredulous
C) annoyed
D) confused

3/Non-verbal Reasoning

What does this Question Type test for? The Non-verbal Reasoning questions test the student’s ability to identify and interpret patterns and sequences within various types of visual stimuli, e.g., shapes, numbers, letters, diagrams, etc.

What will you learn? MasterCourse Teachers will demonstrate different question types/question styles, various question structures, how to approach the various types, typical pitfalls and distractors. We train you in the strategies (tips—how to do these tasks) and practice with more questions of the same 6 sub-question styles. 1/ Missing number, 2/Fourth in a series, 3/Fifth in a Series, 4/ Pick the middle, 5/ Odd one out, 6/ Missing segment

Select the number which would most logically and simply complete the picture

A) 8
B) 3
C) 12
D) 5
E) 7
Select the picture that would most logically and simply be the fifth in the series.

A)  B)  C)  D)  E)

Select the picture that would most logically and simply be the fifth in the series.

A)  B)  C)  D)  E)
The following five figures can be rearranged to form a logical sequence. Select the figure which most logically fits in the middle of the sequence.

A
B
C
D
E

Select the figure which does not belong with the others

A
B
C
D
E
Select the segment which would most logically complete the picture.
Course Dates

- Courses run for **2 full days (Sat and Sun)**, once a month from February to July

<table>
<thead>
<tr>
<th>Month</th>
<th>Dates</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>February</td>
<td>14/15 Feb</td>
<td>A</td>
</tr>
<tr>
<td>March</td>
<td>14/15 Mar</td>
<td>A</td>
</tr>
<tr>
<td>April</td>
<td>18/19 Apr</td>
<td>B</td>
</tr>
<tr>
<td>May</td>
<td>16/17 May</td>
<td>B</td>
</tr>
<tr>
<td>June</td>
<td>13/14 Jun</td>
<td>A</td>
</tr>
<tr>
<td>July</td>
<td>11/12 Jul</td>
<td>B</td>
</tr>
</tbody>
</table>

Wednesday 29 July 2015. This year’s UMAT Test Date

Time Table

- Saturday and Sunday
- Full day mornings to late afternoon (9.00am to 4.30 pm)

The course comprises of **13 hours of in-class lessons.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAY 1</td>
<td></td>
</tr>
<tr>
<td>9.00am</td>
<td><strong>Start</strong></td>
</tr>
<tr>
<td>9.00-9.30</td>
<td>Introduction to UMAT</td>
</tr>
<tr>
<td>9.30-11.30</td>
<td>'Logical Reasoning and Problem Solving' Tutorial &amp; Guided Practice</td>
</tr>
<tr>
<td>11.30-11.45</td>
<td>Short Break</td>
</tr>
<tr>
<td>11.45-13.45</td>
<td>'Understanding People’ Tutorial &amp; Guided Practice</td>
</tr>
<tr>
<td>13.45-14.30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14.30-16.30</td>
<td>'Non-verbal Reasoning' Tutorial &amp; Guided Practice</td>
</tr>
<tr>
<td>16.30pm</td>
<td><strong>Finish</strong></td>
</tr>
</tbody>
</table>
# Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.00am</td>
<td><strong>Start</strong></td>
</tr>
<tr>
<td>9.00-9.15</td>
<td>Introduction to the UMAT Trial Test</td>
</tr>
<tr>
<td>9.15-12.15</td>
<td>Trial UMAT under Test conditions</td>
</tr>
<tr>
<td>12.15-13.00</td>
<td>Lunch.</td>
</tr>
<tr>
<td>13.00-14.00</td>
<td>Logical Reasoning and Problem Solving</td>
</tr>
<tr>
<td>14.00-14.10</td>
<td>Short Break</td>
</tr>
<tr>
<td>14.10-15.10</td>
<td>Understanding People</td>
</tr>
<tr>
<td>15.10-15.20</td>
<td>Short Break</td>
</tr>
<tr>
<td>15.20-16.20</td>
<td>Non-verbal Reasoning</td>
</tr>
<tr>
<td>16.20-16.30</td>
<td>Questions from students.</td>
</tr>
<tr>
<td>16.30 pm</td>
<td><strong>Finish</strong></td>
</tr>
</tbody>
</table>