The background features a large, stylized circular graphic composed of multiple overlapping, semi-transparent rings in shades of light blue, teal, and light green. The text is centered within this graphic.

# UCAT PRACTICE DAY 2022

# Welcome

- Learning Outcomes
  - Understand the purpose of the UCAT
  - Learn techniques for each section of the test
  - Practice exam style questions in small groups
  - Discuss medical ethics
  - Practice exam style SJT questions

# Structure of the Day

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<b>09.15</b>	REGISTRATION
<b>09.30</b>	Introduction
<b>10.00</b>	UCAT Practice
<b>11.15</b>	BREAK
<b>11.30</b>	Group Practice Stations - (20 min per station)
<b>13.00</b>	LUNCH – (please bring a cold packed lunch)
<b>13.30</b>	Situational Judgment
<b>14.15</b>	Questions and feedback
<b>14.30</b>	FINISH

# What is the UCAT?

- UK Clinical Aptitude Test
- Aptitude: an innate, learned or acquired ability
- Assesses mental abilities, attitudes and professional behaviour
- Does not contain any curriculum or science content
- Multiple choice questions

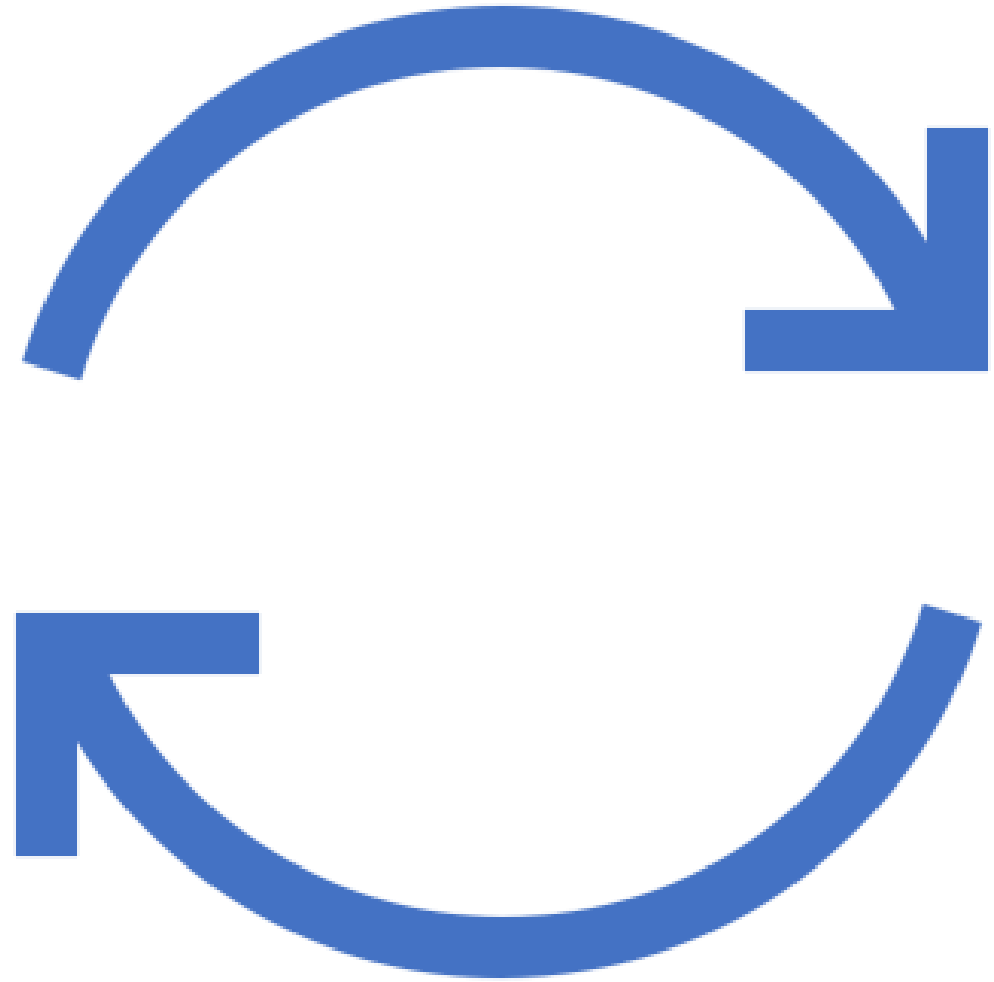
# 5 sections of the test

- Verbal Reasoning
- Quantitative Analysis
- Abstract Reasoning
- Decision Making
- Situational Judgement

# Verbal reasoning

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Brainstorm techniques for  
Verbal reasoning for 2  
minutes then we will  
discuss them



# Verbal Reasoning

The Royal Ballet, England's national ballet and the official in-house company of the Royal Opera House, is one of the premiere ballet companies in the world and one that has established an important commitment to the art of contemporary dance and ballet. The company was founded in 1936 by Dame Ninette de Valois and moved to Covent Garden's Royal Opera House fifteen years later. Today, the company's resident choreographer is Wayne McGregor, an award-winning British choreographer, dancer, and director. Upon his appointment to the position in 2006, McGregor became the first Resident Choreographer at the Royal Ballet in sixteen years and the first to come from the world of contemporary dance.

McGregor's choreography often deals with technology and its implications. His major dance trilogy – *The Millennium* (1997), *Sulphur 16* (1998), and *Aeon* (2000) – incorporates animation, digital film, three-dimensional architecture, and virtual dancers, performing alongside the human dancers one would traditionally expect to find in a ballet. His work is often influenced by his own long-standing interest in computers and computer technology. Though his work for the Royal Ballet often incorporates less multimedia than the pieces he creates for his own company of dancers, Random Dance, his unique style and approach in works such as *Limen* and *Chroma* is transforming the world of traditional ballet by exposing it to artifacts of popular culture such as the music of the rock group The White Stripes and the work of Japanese light artist Tatsuo Miyajima.

McGregor believes that it is the role of major, state-sponsored arts organizations to cultivate debate and challenge their disparate audiences. His appointment to the Royal Ballet has certainly met with controversy and, in some cases, grumbling from the company's more traditional and conservative patrons, but his innovative work speaks to the pervasive influence of science and technology and promises to make the world of dance relevant for future generations.

33. McGregor has replaced dancers with machines.

- A True
- B False
- C Can't tell

34. The Royal Ballet is based in Covent Garden.

- A True
- B False
- C Can't tell

35. The White Stripes are featured in *Chroma*.

- A True
- B False
- C Can't tell

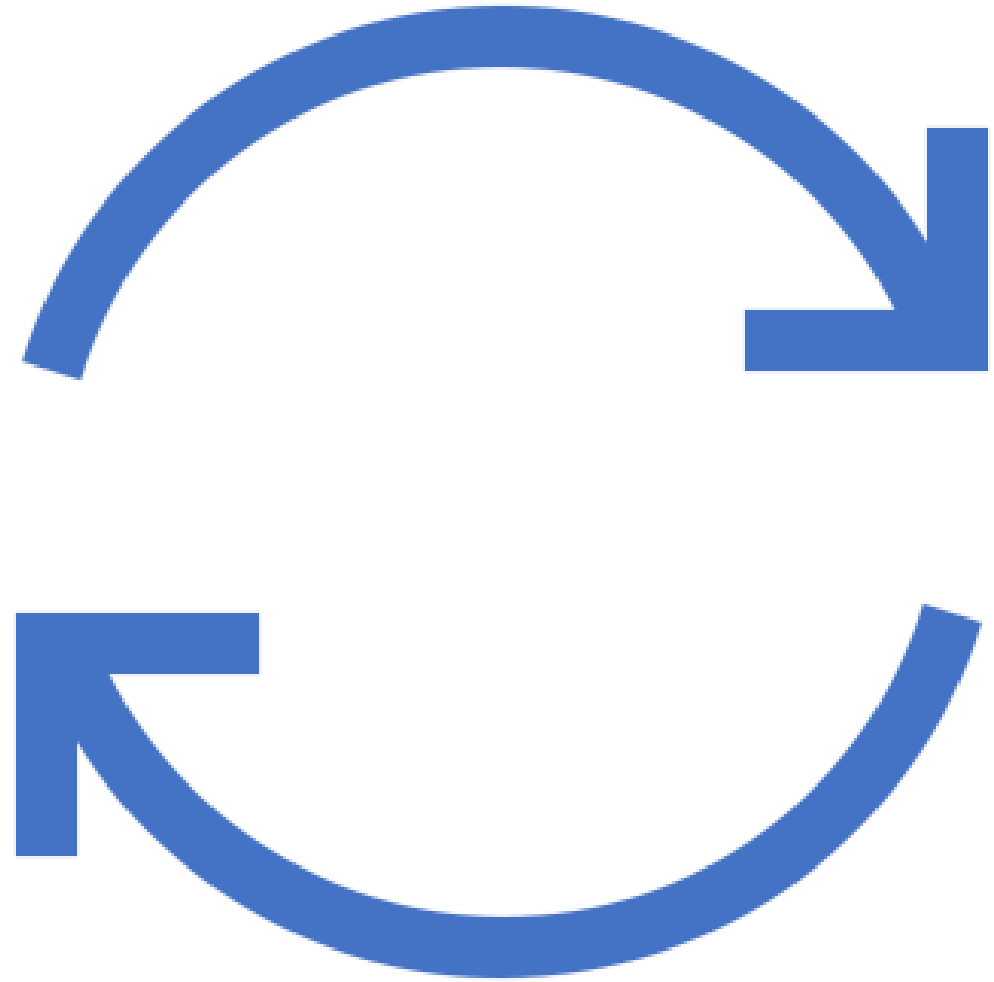
36. Non-traditional ballet is controversial.

- A True
- B False
- C Can't tell

# Quantitative Analysis

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Brainstorm techniques for  
quantitative analysis for 2  
minutes then we will  
discuss them





# Quantitative Analysis

EMPLOYED POPULATION OF MACAU BY OCCUPATION, 2007	
	in thousands
Management	14.6
Professional	9.9
Technical	28.1
Clerical	83.7
Service and Sales	63.2
Agriculture/Fishery	0.8
Crafts and Skilled Work	33.7

- Total GDP in 2007 = US\$19.20 billion
- There are 17 casinos in Macau. They generated 40% of Macau's GDP in 2007.
- The most popular game in Macau's casinos is baccarat. Baccarat generated 70% of GDP from casinos in 2007.

25. How many total people were employed in Macau in 2007?

- A 23,400
- B 24,120
- C 234,000
- D 241,200
- E 2,340,000

26. What percentage of employed people worked in agriculture or fishery?

- A 0.0034%
- B 0.34%
- C 0.8%
- D 3.4%
- E 8%

27. What was the total US dollar value of GDP generated from baccarat in 2007?

- A 5.376 million
- B 7.68 million
- C 3.264 billion
- D 5.376 billion
- E 7.68 billion

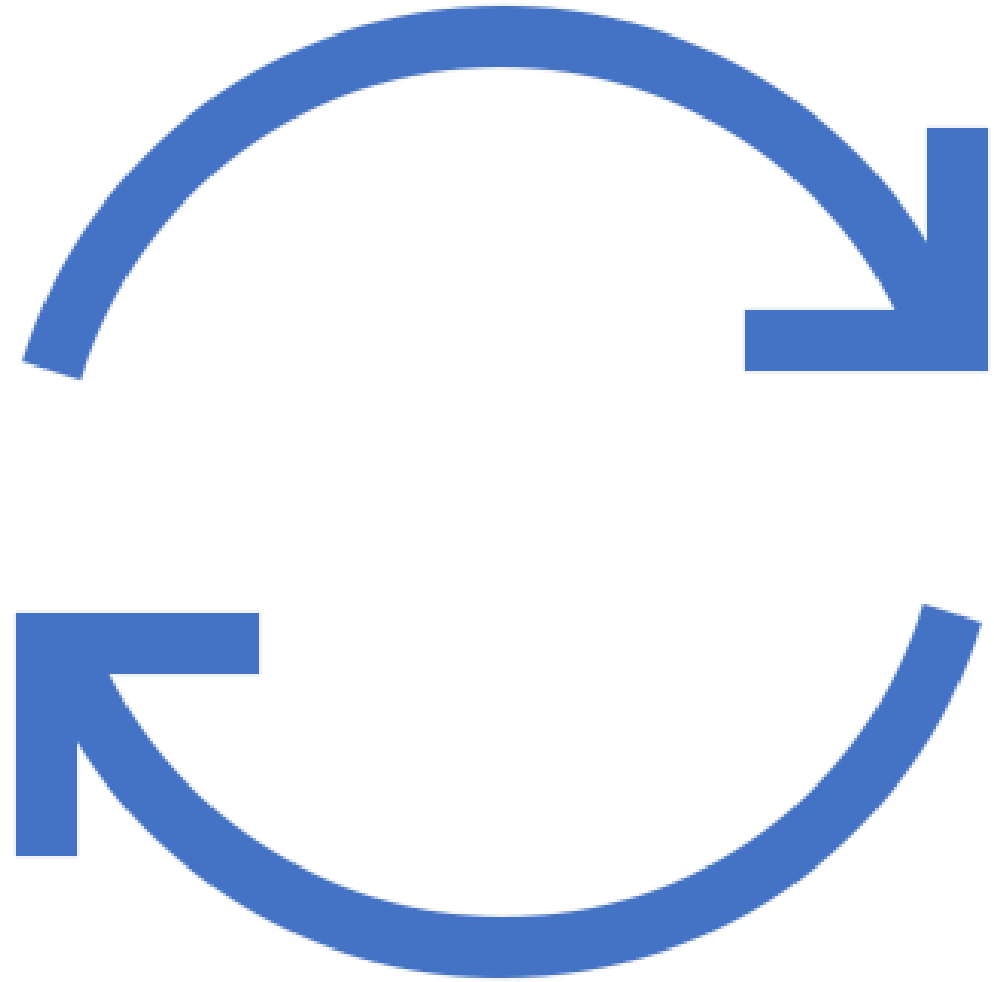
28. On average, how much did each of Macau's casinos contribute to the share of 2007 GDP generated from baccarat?

- A US\$316,235.20
- B US\$451,764.70
- C US\$192,000,000
- D US\$316,235,200
- E US\$451,764,700

# Abstract reasoning

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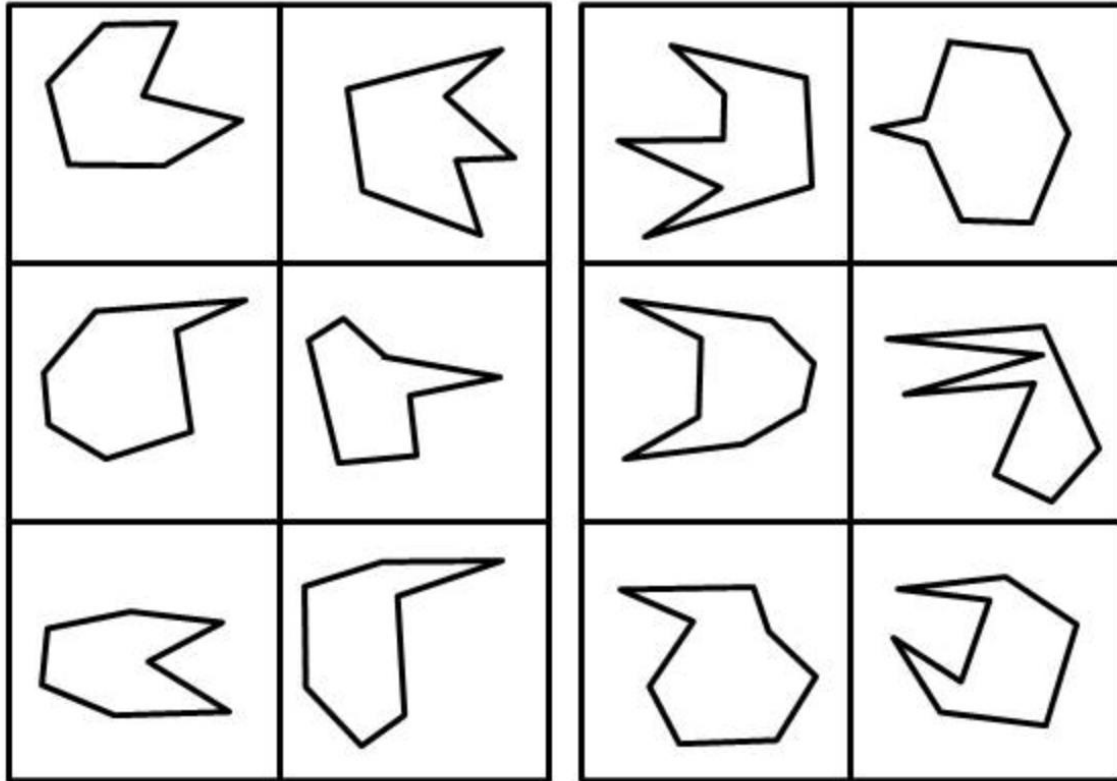
Brainstorm techniques for Abstract reasoning for 2 minutes then we will discuss them



# Abstract Reasoning

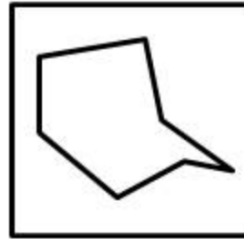
Set A

Set B



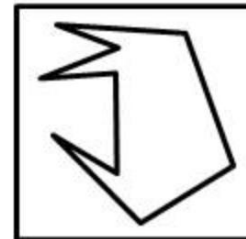
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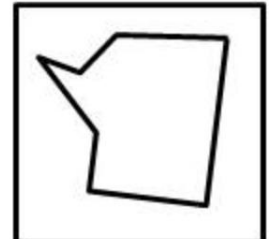
Test Shape:

2



Test Shape:

3



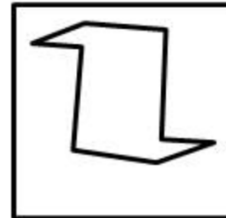
- A Set A
- B Set B
- C Neither

- A Set A
- B Set B
- C Neither

- A Set A
- B Set B
- C Neither

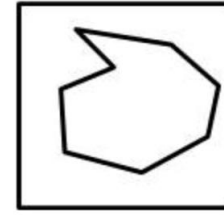
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Test Shape:

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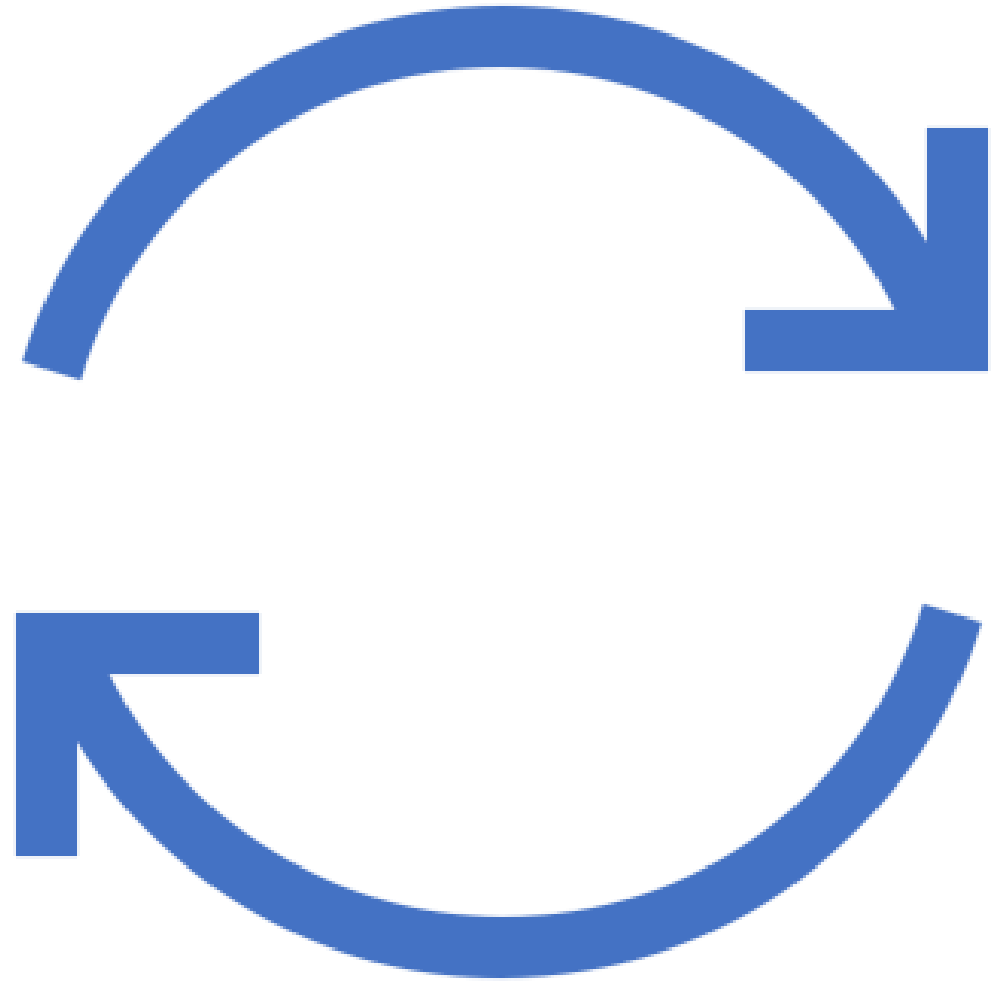
- A Set A
- B Set B
- C Neither

- A Set A
- B Set B
- C Neither

# Decision Making

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Brainstorm techniques for Decision Making for 2 minutes then we will discuss them



# Decision Making

All my books are novels. Some of your books are non-fiction, but none of your books are biographies. This book is either yours or mine. Place 'Yes' if the conclusion does follow. Place 'No' if the conclusion does not follow.

This book is a biography.  **Yes**  **No**

This book is not non-fiction.  **Yes**  **No**

If this book is mine, it is a novel.  **Yes**  **No**

If this book is not yours, it could be a biography.  **Yes**  **No**

If this book is not mine, it is not a biography.  **Yes**  **No**