

**THE AGA KHAN UNIVERSITY**

**SAMPLE TEST PAPER 2025**

**Graduate Programme**

**SECTION I**

**English**

**Time allowed: 1 hour**

**INSTRUCTIONS:**

The Aga Khan University English test is a sophisticated test of grammar and vocabulary in academic contexts. The test consists of five sub-sections, to be completed in ONE hour.

Candidates may log on to [www.englishlanguagetesting.co.uk](http://www.englishlanguagetesting.co.uk) for additional practice test.

**Please read the following instructions carefully.**

1. Attempt all questions.
2. Mark ONLY ONE answer to each MCQ. No credit will be given for multiple answers.
3. There are five sub-sections in this question paper.
  - a. Section 1                      15 questions
  - b. Section 2                      12 questions
  - c. Section 3                      15 questions
  - d. Section 4                      09 questions
  - e. Section 5                      09 questions

**Discipline**

*The University expects honesty from applicants. Dishonest behavior during the Test or violation of instructions will result in irrevocable disqualification of the applicant from entering the selection process.*

**Section-I**  
**ENGLISH**

---

**SECTION '1'**

**There are 15 questions in Section 1.**

Choose the correct answers (A, B or C) and mark them on the answer sheet.

**Look at the example below.** Choose the best word to complete the space:

Asking for a pen

Student A: Do you have a pen?

Student B: Yes. There \_\_\_\_\_ a pen in my bag.

- A. is
- B. does
- C. have

**SECTION '2'**

**There are 12 questions in Section 2.**

Choose the correct answers (A, B or C) and mark them on the answer sheet.

**Look at the example below.** Choose the best words to complete the spaces:

The Campus

The University has \_\_\_\_ (i) \_\_\_\_ very heavily in teaching and learning facilities and \_\_\_\_ (ii) \_\_\_\_ to ensure that we offer modern, high quality environment in which our students can live and study happily and effectively.

Space (i)

- A. costed
- B. invested**
- C. spent

Space (ii)

- A. accommodation**
- B. accommodates
- C. accommodating

**SECTION '3'**

**There are 15 questions in Section 3.**

Choose the correct answers (A, B, C, D or E) and mark them on the answer sheet.

**Look at the example below.** Choose the word most like the one in italics, in this example the word is registered:

**“When you arrive at the university you will be *registered* at the faculty office.”**

**Which word is closest to registered?**

- A. Functioned
- B. Participated
- C. Resigned
- D. Recorded**
- E. Estimated

**SECTION '4'**

**There are 9 questions in Section 4.**

Choose the correct answers (A, B, C, D or E) and mark them on the answer sheet.

**Look at the example below.** Choose the word most often used with the one in italics, in this example lounge:

**“Please go to the *lounge*”**

**Which word is most often used with *lounge*?**

- A. train lounge
- B. meeting lounge
- C. departure lounge**
- D. information lounge
- E. waiting lounge

## SECTION '5'

There are 9 questions in Section 5, each with three or four parts. Decide if each is right or wrong in English and mark them on the answer sheet.

### ***Example:***

*Each question has three parts ((i), (ii) and (iii)) or four parts ((i), (ii), (iii) and (iv)). Decide if each is right or wrong in English. None, some or all may be right. Look at the example below. In this example (i), (iii) and (iv) are RIGHT and (ii) is WRONG.*

(i)	Thank you for completing your application for the University of Newbury. Before you submit your forms, remember to <b>keep</b> a copy for your records.	<b>RIGHT</b>	<b>WRONG</b>
(ii)	Thank you for completing your application for the University of Newbury. Before you submit your forms, remember to <b>remain</b> a copy for your records.	<b>WRONG</b>	<b>WRONG</b>
(iii)	Thank you for completing your application for the University of Newbury. Before you submit your forms, remember to <b>save</b> a copy for your records.	<b>RIGHT</b>	<b>WRONG</b>
(iv)	Thank you for completing your application for the University of Newbury. Before you submit your forms, remember to <b>make</b> a copy for your records.	<b>RIGHT</b>	<b>WRONG</b>

**THE AGA KHAN UNIVERSITY**

**SAMPLE TEST PAPER 2025**

**Graduate Programme**

**SECTION II**

**Quantitative Reasoning**

**Time allowed: 60 minutes**

**INSTRUCTIONS:**

**Please read the following instructions carefully.**

1. Mark **ONLY ONE** answers to each MCQ. No credit will be given for multiple answers.
2. There will be 40 MCQ based questions in this section.
3. Attempt all questions.

**Discipline**

*The University expects honesty from applicants. Dishonest behavior during the Test or violation of instructions will result in irrevocable disqualification of the applicant from entering the selection process.*

## **TABLE OF SPECIFICATION**

---

i.	Arithmetic	(30%)
ii.	Information Handling – Graphs & Tables	(40%)
iii.	Logical Reasoning - Application of Algebra / Geometry	(30%)

**Section II:**  
**QUANTITATIVE REASONING**

---

1. Which of the following quantities is the largest?

- A. 45%
- B. 0.5%
- C.  $\frac{3}{4}$
- D. 0.6666

A	B	C	D

2.  $\frac{1}{4} + \left[ \frac{4}{3} \times \frac{3}{5} \right] - \left[ \frac{1}{4} \div \frac{4}{5} \right]$  is equal to

- A.  $\frac{59}{80}$
- B.  $\frac{17}{82}$
- C.  $\frac{16}{15}$
- D.  $\frac{6}{7}$

A	B	C	D

3. The cost of a book increased from Rs. 600 to Rs. 624. The increase in cost is

- A. 4%
- B. 24%
- C. 104%
- D. 124%

A	B	C	D

4. A toy helicopter normally cost Rs. 600. Bilal bought the toy helicopter when the price was reduced by 30%. How much did Bilal save?

- A. Rs. 420
- B. Rs. 300
- C. Rs. 240
- D. Rs. 180

A	B	C	D

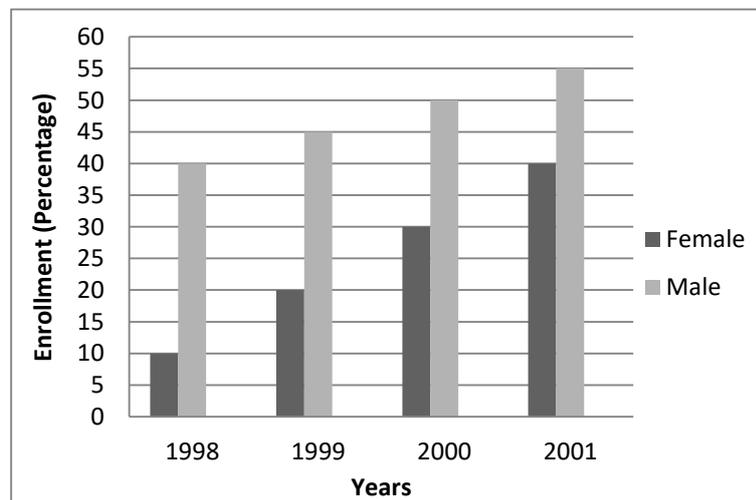
5. Three bells A, B & C ring simultaneously at 6:00 am. Now Bell A will ring after every 15 minutes, Bell B after every 20 minutes and Bell C after 30 minutes. At what time will all the three bells ring together again?

- A. 6:15 am
- B. 6:20 am
- C. 6:30 am
- D. 7:00 am

A	B	C	D

6. The graph below shows percentage of female and male students' enrollment in engineering college over four years. If the trends of female and male enrollment in engineering colleges continue for the next 10 years, determine the year in which the enrollment of female students will be same as the male students?

- A. 2003
- B. 2004
- C. 2005
- D. 2006



A	B	C	D

7. The sum of five positive numbers is 20. What could be the smallest possible median?
- A. 10
  - B. 5
  - C. 4
  - D. 1

A	B	C	D

8. The mode value of the data set “16, 3, 6, 9, 16, 27, 16, 27, 10, 27, 16” is
- A. 27
  - B. 16
  - C. 16 or 27
  - D. 16 and 27

A	B	C	D

**THE AGA KHAN UNIVERSITY**

**SAMPLE TEST PAPER 2025**

**Master of Science in Epidemiology and Biostatistics**

**SECTION III**

**Subject Specific Exam**

**Time allowed: 30 minutes**

**INSTRUCTIONS:**

**Please read the following instructions carefully.**

1. Answer any two of the three questions.
2. Each of your answers should be between 250 to 350 words.

**Discipline**

*The University expects honesty from applicants. Dishonest behavior during the Test or violation of instructions will result in irrevocable disqualification of the applicant from entering the selection process.*

**Section III**  
**CRITICAL REASONING QUESTIONS**

---

**QUESTION:**

Childhood obesity is currently one of the biggest burdens of our society, not only in the West, but worldwide. In your opinion, list 3 possible causes of childhood obesity in local context.

**KEY:**

- Advertisement or marketing of junk food
- Decrease physical activity due to sedentary life style
- Unhealthy lunch options at schools
- Coping mechanism for dealing with negative emotions (stress) etc....