

THE AGA KHAN UNIVERSITY

SAMPLE TEST PAPER 2020

Graduate Programme

SECTION I

English

Time allowed: 1 hour

Candidates Name: _____

Application No: _____

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 for additional practice test.

Please read the following instructions carefully.

1. Make sure that you write your name and application number in the space on the question paper and OMR answer sheet.
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
4. Attempt all questions.
5. Questions can be attempted in any order.

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

THE AGA KHAN UNIVERSITY

SAMPLE TEST PAPER 2020

Graduate Programme

SECTION II

Quantitative Reasoning

Time allowed: 60 minutes

Candidates Name: _____

Application No: _____

INSTRUCTIONS:

Please read the following instructions carefully.

1. Make sure that you write your name and application number in the space above and on given OMR answer sheet.
2. Mark **ONLY ONE** answers to each MCQ. No credit will be given for multiple answers.
3. If you change an answer, be sure that you completely erase the old answer before marking your new answer.
4. There will be 40 MCQ based questions in this section.
5. Attempt all questions.
6. Questions can be attempted in any order.

Discipline

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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

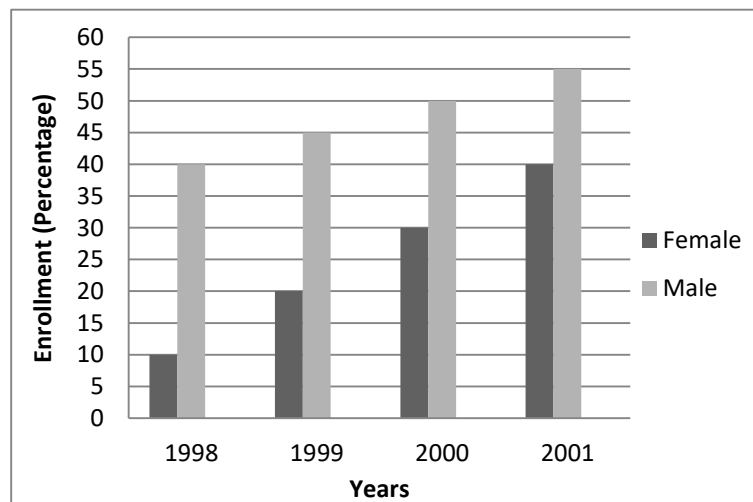
5. Three bells A, B & C ring simultaneously at 6:00 am. Now Bell A will ring after every 15 minutes, Bell B after every 20 minutes and Bell C after 30 minutes. At what time will all the three bells ring together again?

- 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 2020

Institute for Educational Development

SECTION III

Subject Specific Exam

Time allowed: 30 minutes

Candidates Name: _____

Application No: _____

INSTRUCTIONS:

Please read the following instructions carefully.

1. Make sure that you write your name and application number in the space above and on the given answer sheet.
2. Write answers of SEQ's on the provided answer sheets. Please make sure you write your answer in the provided space, no additional sheet(s) will be given.
3. If you change an answer, be sure that you completely erase the old answer before writing new answer.
4. Attempt all questions.

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Section III
CONSTRUCTED RESPONSE QUESTIONS

QUESTION:

Students of a medical college were protesting against the University for Low Pass Percentage in the first professional examination. The student leader stated that this college had a pass percentage of 23.7% compared to another medical college examined by the same University, which had 84% pass percentage. The students were very angry and wanted the matter to be investigated.

1. Define the problem in this scenario. (2 marks)
2. What possible reasons could have caused this problem? (5 marks)
3. What possible solution(s) can be offered to overcome this problem? (5 marks)
4. What in your opinion is the most suitable solution? Justify the selected solution. (3 marks)

KEY:

1. The students of one medical college are upset because the pass percentage is very low.
2.
 - a. There could have been some error in calculation of results.
 - b. The examiners may be biased against this college/for the other college.
 - c. The examination paper may have been made by teachers of the other college.
 - d. The teaching and assessment in this college may have been effected in some way leading to ineffective learning by the students.
 - e. The course may not have been covered.
3.
 - a. Form a review committee to probe into the cause of the problem.
 - b. Have the results re-checked.
 - c. Have the papers rechecked by different examiners.
 - d. Review the examination paper administered.
 - e. Review the teaching and assessment of that medical college.
4. Since we do not know the cause of the problem, the most suitable solution is to form a review committee to probe into the cause of the problem.