

THE AGA KHAN UNIVERSITY

SAMPLE TEST PAPER 2024

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 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 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

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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

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TABLE OF SPECIFICATION

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|------|-------------------------------------------------------|-------|
| 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

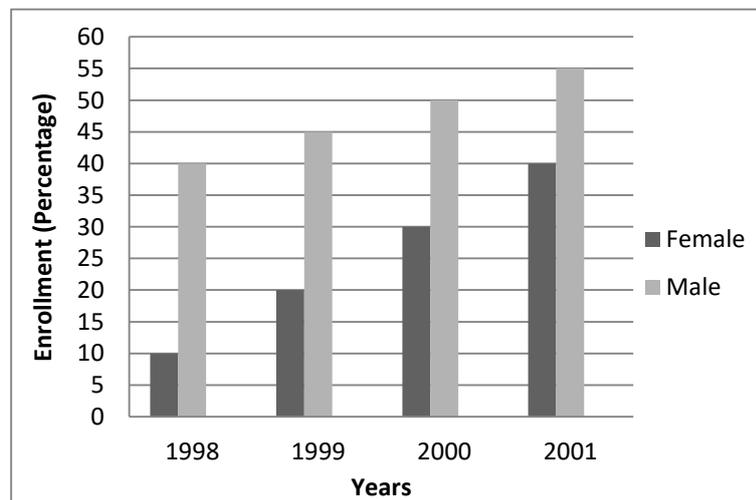
5. Three bells A, B & C ring simultaneously at 6:00 am. Now Bell A will ring after every 15 minutes, Bell B after every 20 minutes and Bell C after 30 minutes. At what time will all the three bells ring together again?

- 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

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SAMPLE TEST PAPER 2024

Master of Science in Healthcare Management

SECTION III

Subject Specific Exam

Time allowed: 30 minutes

Q 1. Healthcare is a part of life we all consider to be something we are entitled to – it is our right to have access to healthcare whenever we need it. However, for many people across the world, this is simply not an option.

List 3 main reasons hindering access to healthcare.

Key:

1. Inadequate healthcare facilities
2. Cost of treatment
3. Inadequate service package
4. Availability of healthcare providers
5. Impractical working hours of the healthcare facilities
6. Lack of equipment
7. Lack of medicines
8. Rude behavior of healthcare providers
9. Poor infrastructure of the healthcare facilities
10. Distrust in healthcare facilities.
11. Poor reputation of the healthcare facilities
12. Distance from health facilities.
13. Urban-rural disparity of health workforce
14. Poor infrastructure-roads
15. Transportation barriers
16. Rural residence
17. Language barriers
18. Limited information about healthcare facilities
19. Lack of information about signs and symptoms of diseases
20. Poor information about red flags of diseases
21. Gender and ethnic discrimination at health facilities
22. Lack of trust in healthcare facilities
23. Lack of education
24. Lack of acceptability of the healthcare providers/facilities for vulnerable population such as transgenders, sex workers, adolescents

Q2. Poor-quality healthcare is responsible for up to 15 percent of overall deaths in Low-And-Middle-Income-Countries (LMICs). This evidence has led to the current Universal Health Coverage (UHC) movement for ensuring access to quality health care for the poor.

List 3 strategies that could enhance quality of healthcare.

1. Practical timings of the healthcare facilities
2. Availability of services as per the service delivery package
3. Timely interventions
4. Availability of healthcare providers
5. Trained healthcare providers
6. Availability of equipment
7. Availability of supplies
8. Availability of medicine
9. Availability of laboratory facilities as per service package
10. Adherence to Management standards, guidelines, and protocols
11. Evidence-based practices
12. Provision for social security.
13. Appropriate use of diagnostic tests
14. Follow-up plan specially for chronic diseases
15. Responsiveness to patient's needs.
16. Continuity of care through two-way referral across various levels of healthcare facilities
17. Adequate and effective communication between providers and patients
18. Health education for health promotion and diseases prevention
19. Recording and assessment of adverse events, medication errors, falls, healthcare-associated infections (HAIs), compliance with safety protocols, mortality rates, complication rates, infection rates, bed occupancy and readmission rates.
20. Assessment of health and functional outcomes.