



KASTAMONU UNIVERSITY EXAMINATION FOR FOREIGN STUDENTS 28 MAY 2021

NAME	:
SURNAME	:
CANDIDATE NUMBER	:
SIGNATURE:		SEAT NO:

IMPORTANT NOTES

1. This test booklet contains questions prepared to select foreign students that wish to study at **Kastamonu University**.
The number of questions in these tests is as follows:

Mathematics	40
Basic Learning Skills	40

2. Booklet Type (A, B, C or D) must be marked correctly on the Answer Sheet. **If you do not mark the booklet type correctly on the answer sheet, your exam will be invalid.**

3. The duration of the exam is **130 minutes**.

4. Each question has only one correct answer. Multiple selections will be considered as incorrect.

5. **The answers to the questions must be marked with a pencil on the answer sheet.** Do not fold the answer sheet and refrain from doing any additional unnecessary markings on the paper.

6. **If the answers to the questions are not marked correctly on the answer sheet, the optical reader will not be able to detect the answer. The candidate alone is responsible for errors due to incorrect markings.**

7. **Only correct answers will be calculated in this exam. You will not lose any points for incorrect answers.**

8. Further information about the examination rules are printed on the back cover of this booklet.

LETTER OF THE BOOKLET

A

MATHEMATICS TEST



MATHEMATICS

1.
2.
3. $\frac{\left(-\frac{1}{2}\right)^5 \cdot (-2^6)}{(-2)^2} = ?$

- A) $-\frac{1}{16}$ B) $-\frac{1}{8}$ C) $\frac{1}{2}$ D) $\frac{1}{8}$ E) $\frac{1}{16}$

4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.

16. $|x - 2| \cdot |2 - x| = 9$ What is the sum of x values that satisfy the following equation ?

- A) 4 B) 6 C) -4 D) -6 E) 0

17.
18.
19.
20.
21.

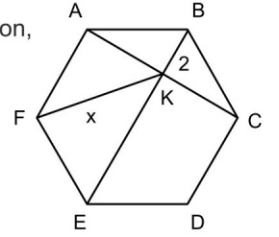
22. $\frac{1}{a} + \frac{1}{b} + \frac{1}{c} = 12 \Rightarrow \frac{4a+1}{a} - \frac{5b-1}{b} - \frac{6c-1}{c} = ?$

- A) 4 B) 5 C) 6 D) 7 E) 8

23.
24.
25.
26.

27.
28.
29.
30.
31.
32.
33.
34.
35.
36.

37. ABCDEF is a regular hexagon,
[BE] ∩ [AC] = {K},
If |BK| = 2 cm
what is |FK| = x in cm?



- A) $2\sqrt{3}$ B) $4\sqrt{3}$ C) $3\sqrt{2}$ D) $2\sqrt{7}$ E) 6

38.
39.
40.

BASIC LEARNING SKILLS TEST



BASIC LEARNING SKILLS

41.

42.

43.

44. 5_6_10_19_35_?

- A) 49 B) 60 C) 70 D) 81 E) 105

45.

46.

47.

48.

49.

50.

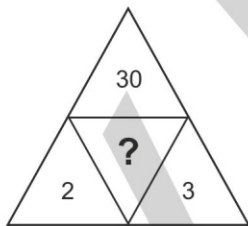
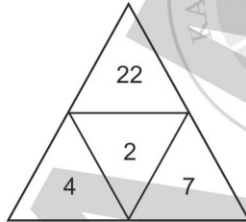
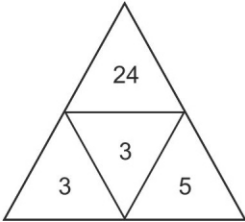
51.

52.

53.

54.

55.



- A) 2 B) 3 C) 6 D) 10 E) 15

56.

57.

58.

59.

60.

61.

62.

63.

64.

65.

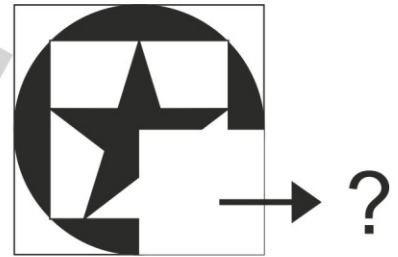
66.

67.

68.

69.

70.



A)



B)



C)



D)



E)

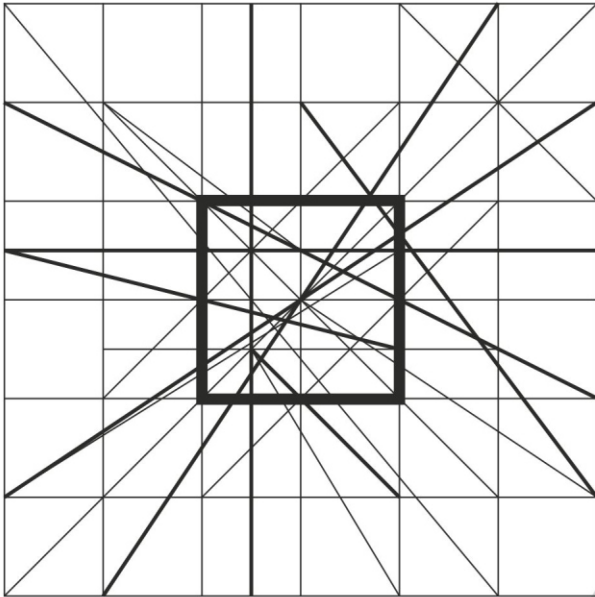


71.

72.

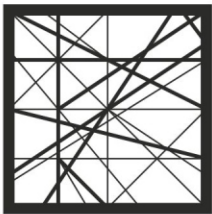
BASIC LEARNING SKILLS

73.



Which of the following appears when the square area indicated by the frame in the figure is cut?

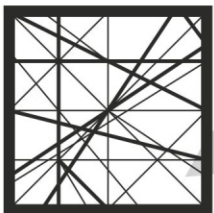
A)



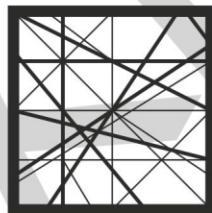
B)



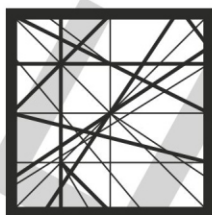
C)



D)



E)



- 74.
- 75.
- 76.
- 77.
- 78.
- 79.
- 80.



**KASTAMONU UNIVERSITY
EXAMINATION FOR FOREIGN STUDENTS
(KÜYÖS)**

A

EXAM RULES AND REGULATIONS

1. All forms of communication tools, devices with computer features and electronic devices (mobile phones, smart watches, headphones, tablets, computers, calculators, digital wristwatch etc.) and other auxiliary materials (draft paper, notebooks, books, magazines, dictionaries, rulers, spreadsheet, compass, protractor etc.) are not allowed into the exam hall.

2. It is strictly forbidden bring any object with cutting, piercing, and injuring capabilities, as well as firearms. **Students are allowed to only bring a transparent bottle of water with no tags or writing on the plastic surface.** Failure to compliance will lead to immediate disqualification from the exam.

3. Each candidate is given **130 minutes (2 hours 10 minutes)** to complete the test. If a student arrives **15 minutes** after the scheduled exam time, they will not be admitted into the exam hall. Students are not allowed to leave the premises during the **first 40 minutes** and the **last 5 minutes** of the exam. **Whatever the reason might be, students leaving the exam hall will not be accepted back into the exam hall.** Students that complete answering the questions in the specified time can leave the exam hall after handing in their answer sheets and the test booklets to the invigilators. When the invigilators announce the end of the exam, students must remain seated and wait for the invigilators to collect their answer sheets and test booklets.

4. Any communication between candidates and invigilators are **strictly forbidden.** Candidates are **not allowed** to ask for pens, erasers etc., or ask questions or talk to other candidates during the exam.

5. **Cheating is strictly prohibited.** Those who cheat, attempt to cheat, make copies and help other candidates cheat during the exam will be recorded in the Exam Hall Report and their exams will be void. Invigilators are not required warn parties that are cheating. The responsibility falls to the candidates taking the exam.

6. The distribution of the answers given by the candidates to the test questions will be examined with information processing methods. If the findings indicate that there was an individual or collective instance of cheating during the exam, the exams of the students responsible for the misconduct will not be evaluated. Thus, you should mark your answer sheet in a discreet way.

7. Kastamonu University YÖS Exam Coordination Office has the right to disqualify an exam in a given hall if the invigilators report that the exam was not conducted in accordance with the rules and that there was a collective effort to cheat.

8. Candidates must adhere to the instructions of the invigilators. Validity of the students' exams depends on their compliance with the exam rules. The identity information of the candidates who act against the rules will be recorded in the Kastamonu University YÖS Exam Report and their exams will be deemed invalid.

9. **Students are required to use pencils (ballpoint pens etc. are not allowed) to mark their answers and fill in the essential sections on the answer sheet.** Candidates must mark their answers to the answers sheet in the allocated time as they will not receive additional time to complete marking their questions after the scheduled time is up.

10. Upon receiving their test booklets, students must fill in the required empty spaces on the booklet cover with their name, surname and candidate number in their respective sections. At the end of the exam, each test booklet and answer sheet will be collected and examined thoroughly. If the pages of a test booklet are found missing, that particular student's exam will be cancelled.

11. When told by the invigilators, students must check whether there is a missing page or any printing errors in their test booklets. If this proves to be the case, students must inform the Chief Invigilator about the issue to receive a new copy of the test booklet. The letter of the booklet must be marked in the "Letter of the Booklet" section on the answer sheet. The letter of the booklet marked on the answer sheets will be checked by the invigilators prior to the exam.

12. You can use the blank spaces on the pages of the test booklets for mathematical and numerical operations.

13. The exam starts when the invigilators announce the phrase, **"YOU MAY START"**, and the exam ends with the warning **"THAT IS THE END OF THE EXAM PLEASE STOP WRITING"**.