

Dear Students,

The official course requirements can be found in the file "GEMAN1013BA.pdf".

We have not covered all of its topics, so the problems of the test of our current course will be limited to variants of the following ones.

1. <https://web.uni-miskolc.hu/~matvarga/EconMath/EconMath.24.Test.2.solution.pdf>,
except problem F.
2. <https://web.uni-miskolc.hu/~matvarga/EconMath/Econ.Math.24.I.test1.class.pdf>
<https://web.uni-miskolc.hu/~matvarga/EconMath/Econ.Math.24.I.test1.solution.pdf>
3. <https://web.uni-miskolc.hu/~matvarga/EconMath/22.dec.15.exam.pdf>
4. <https://web.uni-miskolc.hu/~matvarga/EconMath/15.aut.Test.1.pdf>
<https://web.uni-miskolc.hu/~matvarga/EconMath/15.aut.Test.1.sol.pdf>
except problem 1.

Probability theory was covered in this course only very briefly (you can read the long books listed in the syllabus, if you have a lot of free time and energy). Practically, it might be better to take a look at of two very good short introductions:

<https://www.statlect.com/fundamentals-of-probability/>

Russel-Norvig: Artificial Intelligence, pp.499-506 (except "Wumpus...")

<https://people.engr.tamu.edu/guni/csce625/slides/AI.pdf>

In the "M.Rosser - Basic Math. for Econ." free online textbook you can find ample coverage of the "Calculus" part of this course. Rosser-Math.Econ

Sincerely yours,

Peter Varga