Kafr el sheikh university		Studies In insurance 7 Statistics
Faculty of Commerce		D. M. salem, D. W. Afify
Grade – 2		The 2nd term
English Section		Years 2019/ 2020

Choose only one <u>Research article</u> from the following.

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<u>The first research article</u>: the risk that threatens a person's ability to earn money and to preserve and develop his property is the primary field for studying insurance science. Write in your **<u>Research article</u>** the following points:

1. Definition of risk, Risk classifications, elements, Perils.
2. Different methods of measuring risks.
3. Provide an illustrative example to apply on the expected total loss.
4. What are properties of the normal distribution?
5. **Explain how to transform the normal distribution to standard normal distribution.**

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<u>The second research article</u>: life insurance is an essential part of the insurance industry in the Egyptian market. Discuss this issue taking in the consideration the following points:

1. Life insurance definition.
2. Properties of life insurance risks
3. Properties of life insurance policies. Provide an illustrative example.
4. What are properties of the normal distribution?
5. Explain how to transform the normal distribution to standard normal distribution.

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<u>The third research article</u>: The cost of the insurance coverage that the insured buys is considered one of the most important topics of insurance science, and depends on its understanding and scientifically the continuity and growth of the insurance industry. In your **Research article**, write:

1. Definition the cost of insurance coverage and components.
2. Elements of the cost calculation.
3. Provide an illustrative example to apply the cost of insurance coverage.
4. What are properties of the normal distribution?
5. Explain how to transform the normal distribution to standard normal distribution

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The fourth Research article: The gross annual premium is the actual cost in exchange for purchasing the insurance policy. In your project, write

1. Definition of the gross annual premium.
2. Stages and steps of calculating the gross annual premium.
3. Provide an illustrative example to apply on pure endowment policy.
4. What are properties of the normal distribution?
5. Explain how to transform the normal distribution to standard normal distribution.

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The fifth research article: the mathematical tables have very important role in the calculation of the life insurance. In your research article write:

1. Definition the mathematical tables.
2. the mathematical tables types.
3. Provide an illustrative example to apply on pure endowment policy.
4. What are properties of the normal distribution?
5. Explain how to transform the normal distribution to standard normal distribution

With my best wishes