UNIVERSITÀ
DEGLI STUDI DI TRIESTE

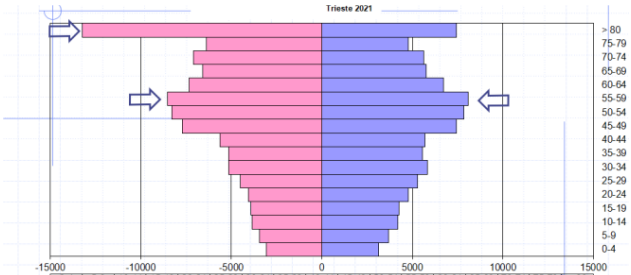
121 EC Economic Geography Test

Name: ……Surname: …… ID Number / email address :……

Marks are expressed in "X/30". Open questions are worth 5 points each, multiple choices 3 points each for a total of 30/30 points.

1) The globalization of the economic systems has been favored, among others, by deep changes in the transport systems and technology. Among the following statements select the correct one:
   a. The use of shipping containers eliminates costly and time-consuming reloading activities and extends the range of shipping, therefore allowing delocalization of production.
   b. Pipelines represent today the major transport means for globalized product.
   c. The evolution of transport systems has led to a massive increase of transport costs, so moving materials, goods and people around the world has become more and more costly.

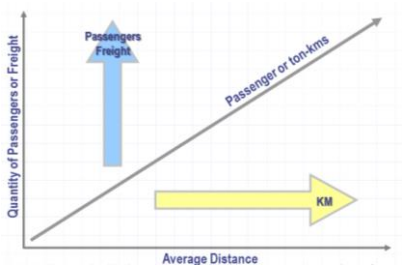
2) Population pyramids are graphs showing the breakdown of each sex by age group (cohort). The picture illustrates a municipality' population structure (showing also the male/female composition of population) and can be used to understand the population dynamics. Highlight the correct statement of the following, related to the figure on the left.
   o



	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	> 80
Femmine	3076	3446	3844	3904	4046	4485	5140	5150	5621	7710	8276	8531	7321	6562	7106	6360	13223
Maschi	3151	3697	4196	4270	4768	5296	5843	5553	5696	7436	7829	8096	6737	5766	5642	4791	7423
Femmine	-3076	-3446	-3844	-3904	-4046	-4485	-5140	-5150	-5621	-7710	-8276	-8531	-7321	-6562	-7106	-6360	-13223

   a. The figure depicts a typical population structure of most developing countries.
   b. We can argue that the region considered has low natality rate and a relatively high average age
   c. If nothing change the population is expected to decline

3) Transport demand can be considered as a derived demand, depending on the aggregate demand. One of the following statements about transport demand is true.



   a. Suburbanization does not affect the mileage travelled by passengers.
   b. Transport demand increases as a consequence (among others) of growth in production and consumption and of income.
   c. Industrial relocation and economic specialization decreases the demand for transport.

4) Thomas Malthus in 1798 wrote the "Essays on the Principle of Population", where he stated a relationship between population and food resources. He said that at some point this particular relationship could lead to fights and troubles. Why?
    a. Resources and population grow at the same pace thanks to technology and progress, tending to equilibrium.
    b. Resources are more abundant than population.
    c. The growth of available resources is linear while the population growth is often non-linear (exponential). In the long run that will cause famine and fights for accessing resources.

5) Invention and innovations are central in producing value in industrial production. Mark the correct statement.
    a. Invention and innovation coincide in their meaning and effect.
    b. To innovate is to introduce something new to the market, to manipulate existing inventions and turn them into a product or process that is of use in the real world.
    c. Invention is the process of taking an invention or an existing idea and making it better, more useful, or more marketable.

6) Explain the Christaller's theory of central places (use a separate sheet if necessary).

7) Explain Von Thunen Theory of Rent, comparing it with Ricardo's theory of Rent.

8) Present and discuss briefly a topic of your choice, referred to some spatial aspects tackled during the course [the topic can be referred also to a paper, seminar, etc.] (use a separate sheet if necessary).