

GEOG 101 - World Geography

Prelim -1

Please answer the following questions on a separate sheet of paper and hand it back by **15 October 2021**. Except for the long answer questions, I do not expect elaborate responses; bullet points will do. I recommend spending not more than 1.5 hours on the exam. You may refer to your course material, but all work **MUST** be completed individually and without help.

Select all that apply

6 x 4 = 24

1. What is a geographic realm?
 - A region of the world which shares common physical and social characteristics with functional interactions between them
 - Regions separated by transition zones that are places of intermingled politics
 - Regions with roughly similar population numbers
 - Countries that are organized into supranational trading groups for mutual economic interest

2. Identify the monocentric realms among the following and indicate the dominant country in each?
 - Europe _____
 - South Asia _____
 - Southeast Asia _____
 - North Africa _____
 - Central America _____

3. Which of the following statements are correct concerning the Arctic circle?
 - An "arctic scramble" is underway among countries that are interested in untapped oil and resources.
 - Wildlife conservationists are deeply concerned about penguin conservation.
 - Member states of the Arctic Council include Finland, Iceland, Ukraine, Greenland, US, Russia and China.
 - Global warming is causing new transportation routes to develop in the Arctic.

4. Which of these are countries formed of former Yugoslavia? Indicate the major ethnic groups found in them
 - Belarus _____
 - Serbia _____
 - Kosovo _____
 - Latvia _____
 - Macedonia _____

5. Which of these are religious groups found in Africa?
 - Tantrayana Buddhism
 - Shia Islam

- Sunni Islam
- Shamanism

6. Which of these languages belong to the Sino-Tibetan language family?

- Burmese
- Javanese
- Chinese
- Vietnamese

Short answer questions (answer any 4 of 5)

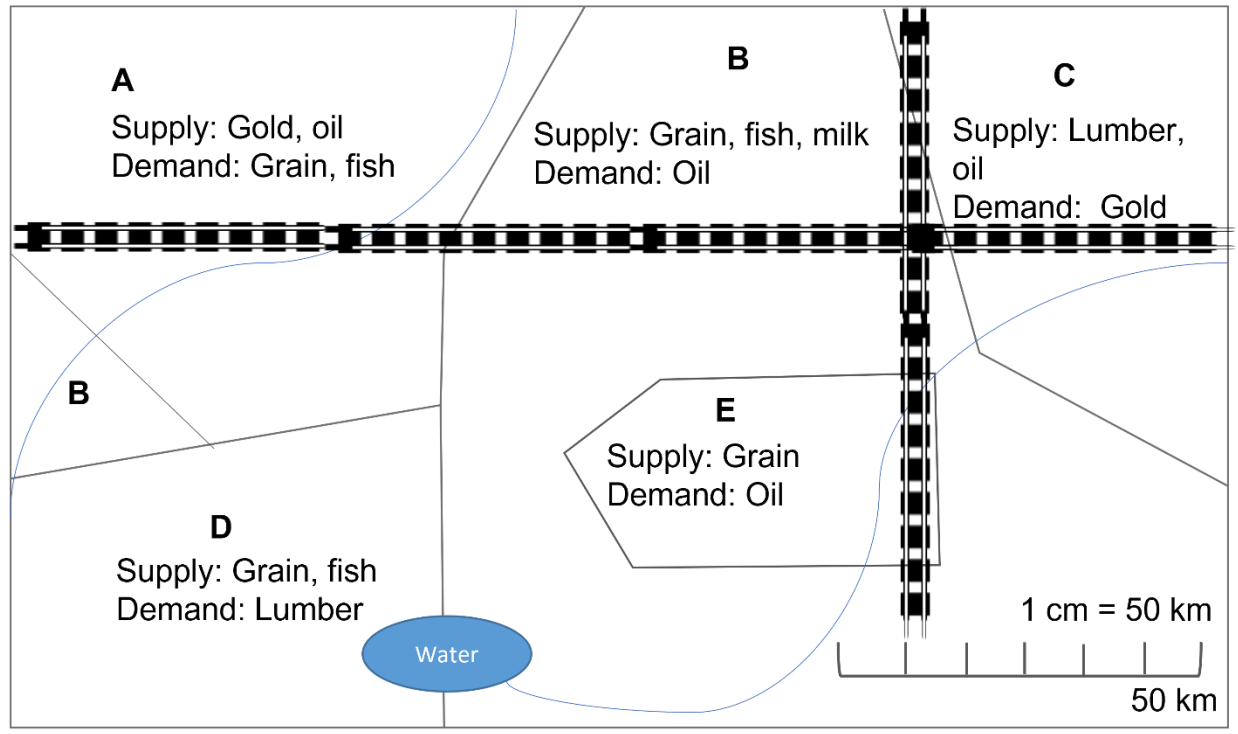
4 x 5 = 20

1. Name one dominant natural landscape feature in the following geographic realms and briefly explain its significance
 - a. North America _____
 - b. South America _____
2. Southeast Asia experiences a Humid Equatorial Climate with almost no dry season. What do you imagine are the effects on the geography of the place? Think about this in terms of both environmental and social elements.
3. Why is Near Abroad an important policy initiative for Russia?
4. What factors distinguish a typical European city from a typical American one?
5. Why does there exist a significant divide between the economic development thus far of East and West Germany?

Understanding terminology

16 + 5 + 5 = 26

1. Consider the following 5 states labelled A to E along with the main goods demanded and supplied by them. Using the map as a reference, answer the questions (with short reasons) below.
 - a. Provide an example of local functional specialization.
 - b. Provide an example of double complementarity.
 - c. Assuming the map is drawn to scale, which product produced by region C is more transferable and which less?
 - d. Which two states do you imagine have the most distance decay?
 - e. What is the map scale? Write as a ratio.
 - f. Which territory is an enclave?
 - g. Which has an exclave?
 - h. Between B and D, which has the better potential to export fish? Why?



2. What do you understand by sovereignty? Provide two examples of countries in Europe whose sovereignty is contested and explain why?
3. What would you classify as centripetal and centrifugal forces in play during the time of the Brexit referendum? Why do you classify these as centripetal/centrifugal?

Long answer (answer any 2 of 3)

2 x 15 = 30

1. How did various instances in history give rise to the modern European state model? Discuss five key factors.
2. Imagine you are a demographer working on population stabilization in the European realm. What are the various challenges you have identified that are causing demographic shifts – consider economic, social, religious factors among others? Which countries are most affected? You can also refer to Appendix B of your textbook in addition to discussing other dynamics.
3. Although Russia is a part of the BRICs nations, economists believe its economic base and development is unstable. Discuss five reasons why this might be the case.

Extra credit (OPTIONAL)

3 x 3 = 9

1. What is the Holocene?
2. Which are the three cities of the Randstand?
3. Which region of Russia makes contact with the Pacific Ring of Fire?

GEOG 101 - World Geography

Prelim -2

Please answer the following questions on a separate sheet of paper and hand it back by **19 November 2021**. Except for the long answer questions, I do not expect elaborate responses; bullet points will do. For the long answer questions, please elaborate on your answers with details. Bullet points for these will result in points being taken off. I recommend spending not more than 1.5 hours on *writing* the exam. Any reading that you might do is in addition to this. You may refer to your course material, but all work **MUST** be completed individually and without help.

Select all that apply

5 x 4 = 20

1. Which of the following statements are true about the Great Recession in North America?
 - Some of the states worst hit by negative equity for homeowners were Texas and New Mexico and Louisiana
 - Canada was worse hit than the US
 - Nevada had the highest rates of foreclosures
 - Disruption of the banking sector and financial markets in North America disrupted the global economy

2. Which of the following statements are correct concerning Angola?
 - It is one of the fastest growing economies in the world
 - It has an exclave
 - Its economy is dependent on oil exports
 - It has an unstable government

3. Which of the following are countries of the Maghreb? For those, indicate whose regimes were overthrown in the Arab Spring revolutions?
 - Egypt _____
 - Tunisia _____
 - Sudan _____
 - Libya _____

4. Which of the following are true about Venezuela's economic crisis?
 - Steep rise in inflation has crippled the economy and reduced the purchasing power of most Venezuelans
 - Agriculture and healthcare are the only functional industries in Venezuela today
 - There have been mass migrations out of the country to neighboring Colombia
 - Civil war and insurgency are main factors contributing to the economic downturn

5. Which of the following statements reflect the AIDS epidemic in Africa?
 - South Africa and Nigeria are among the worst affected African states

- Many African countries have developed robust pharmaceutical capacity to treat their populations
- Current management strategies include treatment as prevention such as handing out condoms and conducting educational programs
- Cultural practices that influence the spread of AIDS are insufficiently understood and affected by Western stereotypes of the African people.

Short answer questions (answer any 4 of 5)

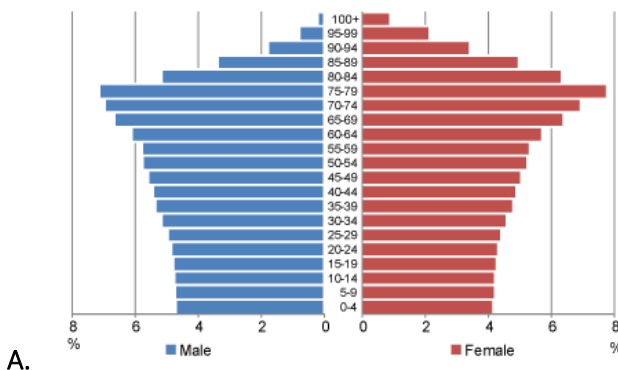
4 x 6 = 24

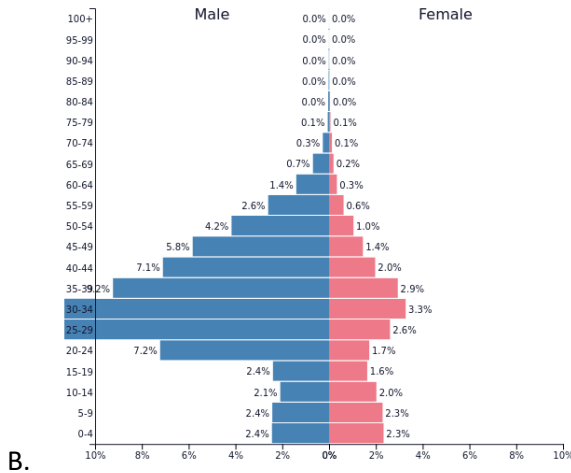
1. List three factors that have permitted the narcotics (cocaine) industry in Colombia to thrive?
2. List three ways in which Apartheid in South Africa manifested in the city?
3. List three challenges that prevent recovery in Haiti after the tropical cyclones of 2008.
4. Demographic patterns and multiculturalism in North America have been influenced by major migration patterns, both internally and externally. List at least three of these migrations.
5. List three pressures that are contributing to the destruction of the Amazon. Why is this an important issue on the world stage?

Population pyramids

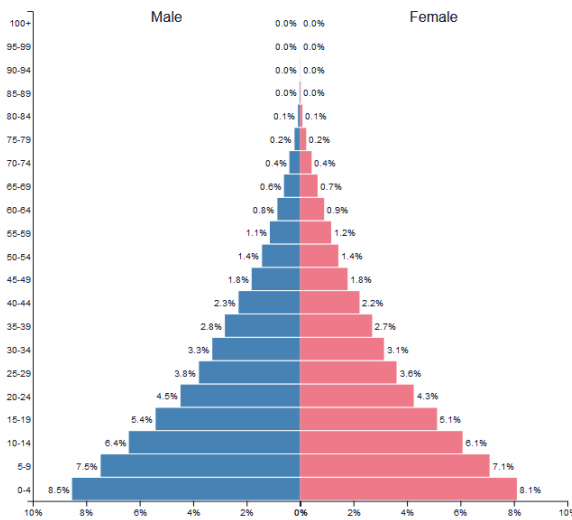
3 x 4 = 12

1. The following population pyramids represent three types of demographic transitions: one represents a growing population, one an aging population, and one with a skewed sex ratio. For each of them, do the following: (i) Identify the demographic transition taking place; (ii) Suggest countries where you might observe such a transition; (ii) List at least one reason why you might observe this pattern in that country.





B.



C.

Understanding terminology

5 x 4 = 20

1. With reference to environmental management in Costa Rica, what do you understand by a **Payment for Ecosystem Services**?
2. Astana in Kazakhstan and Islamabad in Pakistan have been called **forward capitals**. What do you understand by this? What purpose does it serve?
3. The Grande Carajas Project in Amazon basin is an example of the **growth-pole concept**. What do you understand by this?
4. What do you understand by a **technopole**? Identify two regions in the US which would classify as a technopole?
5. What are **biodiversity hotspots**? Identify one each in the Americas and Africa.

Long answer (answer any 2 of 3)

2 x 12 = 24

1. What do you understand by a poverty trap? Discuss 4-5 factors that contribute to a poverty trap in African countries.
2. Discuss the development of agriculture in Africa, focusing on the following aspects: (i) climate variability and land ownership; (ii) green revolution; (iii) economic policies such as subsidies, agribusiness development, and export opportunities.
3. What have been the positive and negative impacts of the industrialization of agriculture in the United States?

Extra credit (OPTIONAL)

5 x 2 = 10

1. The southern parts of South America (near the pole) has a more moderate winter than the northern part of North America. Why?
2. Why is the Hormuz Strait near Oman a choke point?
3. Who are the fellaheen and what are their challenges?
4. What are maquiladoras? How do they contribute to economic development?
5. What is the Sahel?