# iGeo 2021 MMT F2

# 0% (0/40)

---

**1.** **In what country were these photographs taken?**

0/1 PUNT



**A** Bolivia

**B** Ecuador

**C** Paraguay

**D** Peru

**2.** **In which environments is honeycomb weathering most abundant?**
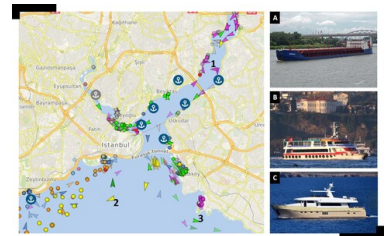
0/1 PUNT



**A** Environments where lichen occurs, such as tundra or alpine areas.

**B** Environments with temperatures around 0°C such as taiga and tundra

**C** Salt-rich environments such as deserts and coastal zones

**D** Monsoon dominated environments such as tropical savannas and pampas

**3.** This map depicts ships around Istanbul on May 24, 2021 at 21.00 PM local time. Each color represents a certain kind of ship. **Which photo corresponds to which numbered ships on the map?**

0/1 PUNT



**A** **photo A** = ship 1, **photo B** = ship 2, **photo C** = ship 3

**B** **photo A** = ship 1, **photo B** = ship 3, **photo C** = ship 2

**C** **photo A** = ship 2, **photo B** = ship 1, **photo C** = ship 3

**D** **photo A** = ship 2, **photo B** = ship 3, **photo C** = ship 1

**4. Which of the following is found in all the products shown in the image?**

0/1 PUNT



A   corn

B   palm oil

C   petroleum

D   wheat

**5. Two news items on extreme heat in North America and floods in Germany and Belgium. How are these two events directly related?**
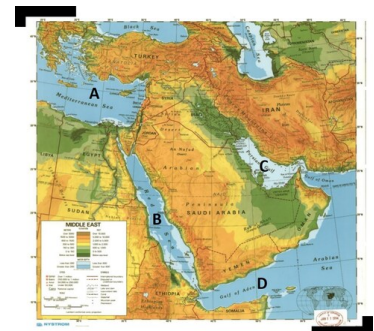
0/1 PUNT



A   formation of a heat dome

B   human-induced climate change

C   poor adaptation strategies

D   position of the jet stream

**6. Which body of water can geologically be considered as a foreland basin?**

0/1 PUNT



A   Mediterranean Sea (A)

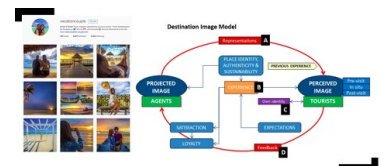B   Red Sea (B)

C   Persian Gulf (C)

D   Gulf of Aden (D)

**7. To which part of this destination image model do travel influencers on Instagram* best correspond?**

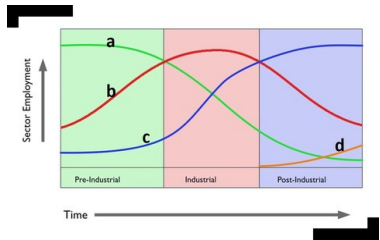*Instagram is a social media platform.

0/1 PUNT



A   representations (A)

B   experience (B)

C   own identity (C)

D   feedback (D)

**8.** **A doctor's occupation is included in which line in this version of the Clark-Fisher Model?**

0/1 PUNT



**A** green (a)
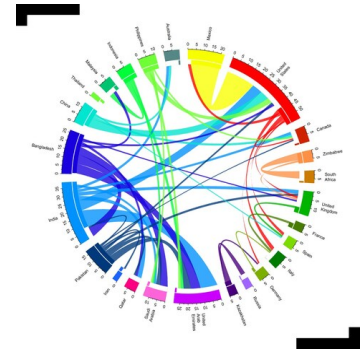
**B** red (b)

**C** blue (c)

**D** orange (d)

**9.** Plot of migration flows between world's top 25 sending and receiving countries in 2005-2010. Axis scale in 100,000s.



**The countries that made the highest contribution to outwards migration in 2005-2010 are currently classified by the United Nations as:**

0/1 PUNT

**A** low income

**B** lower-middle income

**C** upper-middle income

**D** high income

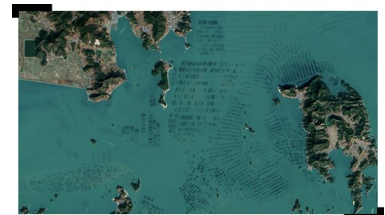**10.** Glacial-latte-art. **Which type of glacier is shown in this "Earth-cappuccino"?**

0/1 PUNT



**A** cirque glacier

**B** piedmont glacier

**C** tidewater glacier

**D** valley glacier

**11.** **What type of submarine farming does this aerial photo show?**

0/1 PUNT



**A** coral

**B** oysters

**C** salmon

**D** sea weed

**12.** Does it rain? Does it pour?



Does it rain? Does it pour?
Does an area get just a few heavy storms, or does it pour all the time?

The map shows rainfall in four categories (A-D):
- it rains and it pours
- it rains a lot but usually doens't pour
- it usually doesn't rain but when it does, it pours
- it doesn't rain or pour

**Which color represents the category 'it usually doesn't rain but when it does, it pours'?**

0/1 PUNT

A  A

B  B

C  C

D  D

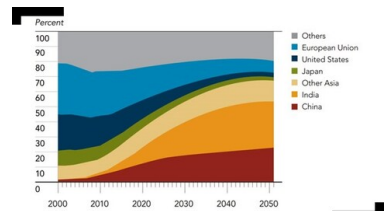**13.** **This cartoon stresses the importance of:**

0/1 PUNT



A  livability in urban areas

B  $CO_2$-emissions and the climate pandemic

C  worldwide availability of COVID-vaccines

D  local production value in a globalising world

**14.** The figure shows the shares of a trend (2000-2050). **Which trend is it?**

0/1 PUNT



A  global renewable energy shares

B  global middle-class consumption

C  global food shortages

D  global fertility-rate changes

**15.** Vermeer painted The Astronomer and The Geographer in the 17th century. **Which one is more likely The Geographer and why?**

0/1 PUNT



A  The left because of the interest in the Earth's movement.

B  The left because of the dividers used for measuring distances.

C  The right because of the presence of the maps.

D  The right because of the celestial globe.

**16.** These fences on the edge of the road are meant to protect:
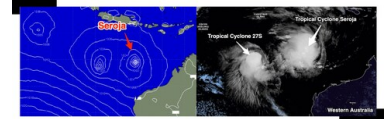


0/1 PUNT

A   the road against blizzards.

B   animals against road accidents.

C   crops against pollution

D   traffic against the fog

**17.** Name the phenomenon shown here and identify what happens next.



0/1 PUNT

A   **Cyclogenesis**, the two low pressure systems will merge into one system

B   **Cyclogenesis**, the two low pressure systems will circle each other clockwise

C   **Fujiwhara effect**, the two low pressure systems will circle each other clockwise

D   **Fujiwhara effect**, the two low pressure systems will merge into one system

**18.** What determines the difference between area A and area B in this true color satellite image?
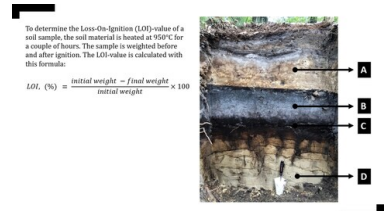


0/1 PUNT

A   mass movements

B   forest fires

C   geology

D   ground water

**19.** Which layer of this podzol soil will have the highest Loss-On-Ignition-value?



0/1 PUNT

A   soil layer A

B   soil layer B

C   soil layer C

D   soil layer D

**20.** In both pictures the grass strip has been replaced by rocks. **To what purpose are grass strips replaced by rocks in these cities?**
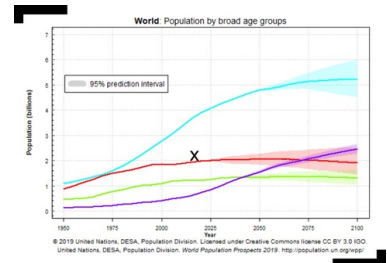
0/1 PUNT



**A** To improve infiltration rates to cope with more intensive rainfall.

**B** To get local dwellers more involved in their local geology.

**C** To reduce reflection of sun rays and thereby reduce the urban heat island.

**D** To prevent unsheltered people to pitch their tents.

**21.** **Which age group is indicated with the red line ("X") in this world population prediction graph?**
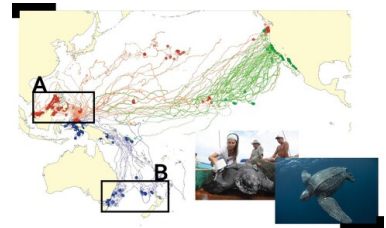
0/1 PUNT



**A** 0-14 years

**B** 15-24 years

**C** 25-64 years

**D** 65+

**22.** The map shows migration patterns for different types of Leatherbacks (sea turtles). Both species need the same sea water temperature for breeding. **Which statement about area A and B is true?**
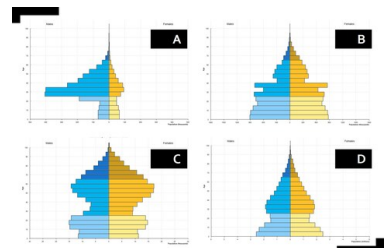
0/1 PUNT



**A** The orange species is **breeding** in area A in July and the blue species is **breeding** in area B in July.

**B** The orange species is **breeding** in area A in July and the blue species is **feeding** in area B in July.

**C** The orange species is **feeding** in area A in July and the blue species is **breeding** in area B in July.

**D** The orange species is **feeding** in area A in July and the blue species is **feeding** in area B in July.
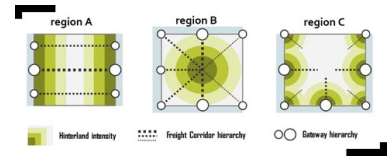
**23.** **Which of these population graphs fits a country with a large influx of labor migration?**

0/1 PUNT



**A** graph A

**B** graph B

**C** graph C

**D** graph D

**24.** The figure shows simplified maps for transport geography of three regions.



**Which region is represented by which simplified map?**

0/1 PUNT

- **A** **region A** = Sub-Sahara Africa | **region B** = Western Europe | **region C** = Oceania
- **B** **region A** = Central America | **region B** = South America | **region C** = Middle East
- **C** **region A** = Middle East | **region B** = Oceania | **region C** = Mediterranean
- **D** **region A** = North America | **region B** = Western Europe | **region C** = East and Southeast Asia

**25.** **What concept applies best to these images?**

0/1 PUNT



- **A** bimodal transportation
- **B** de-industralisation
- **C** gentrification
- **D** urban blight

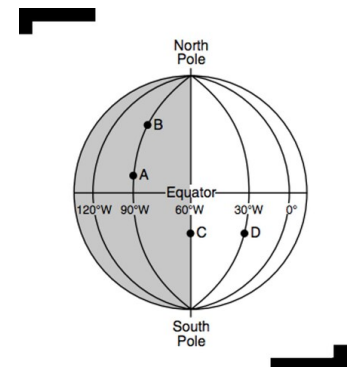**26.** **What does this map illustrate?**

0/1 PUNT



- **A** At-risk health care
- **B** At-risk languages
- **C** At-risk local economies
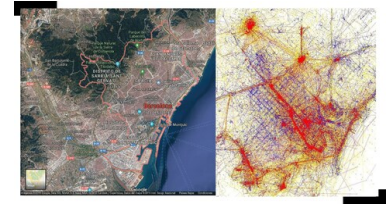- **D** At-risk religions

**27.** **State the solar time at location D if the solar time at location C is 6:00 a.m.**

0/1 PUNT



- **A** 4:00 a.m.
- **B** 5:00 a.m.
- **C** 7:00 a.m.
- **D** 8:00 a.m.

**28.** **Left map:** satellite-image of Barcelona
**Right map:** a Twitter*-based heat map of Barcelona (Spain). The red dots indicate photos taken by GROUP 1, while the blue dots indicate photos taken by GROUP 2 and the yellow dots might be either.
*Twitter is a social media platform.



**Based on data from Twitter, this map shows how Barcelona is perceived by:**
0/1 PUNT

A   male and female dwellers of Barcelona

B   local dwellers and tourists

C   poor and rich dwellers of Barcelona

D   students (16-25) and eldery (65+).

**29.** Once the natural resource phosphate got exhausted on the Pacific island Nauru, the economy became worse than it was before discovery of the resource. One cause of this so-called 'Dutch disease' is the unemployed manpower.



**What is seen to be the second cause of the 'Dutch disease'?**
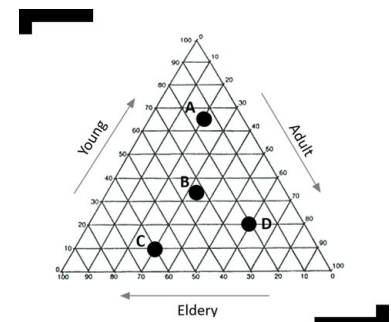0/1 PUNT

A   As a low-lying country, Nauru suffered increase subsidence by mining

B   Increasing wealth diseases (e.g. heart attacks and obesity-levels up to 71%), decreasing productivity.

C   The island inherits an import-oriented infrastructure from the mining industry.

D   The boom period has either retarded or killed non-phosphate industries.

**30.** **Which location in this triangular graph fits a country in phase 5 of the Demographic Transition Model?**
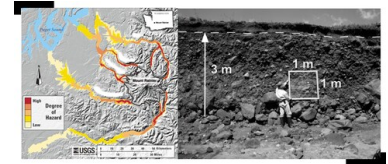0/1 PUNT



A   A

B   B

C   C

D   D

**31.** To which hazard do both resources relate?

0/1 PUNT



**A** glacial melt

**B** lahar

**C** lava flow

**D** pyroclastic flow

**32.** A geographer is doing research using colored water.
**What coastal phenomenon is this geographer doing research on?**
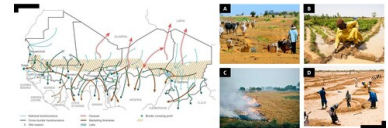
0/1 PUNT



**A** coastal abrasion

**B** longshore drift

**C** rip currents

**D** wave refraction

**33.** Which image relates to the shaded area on the map ?
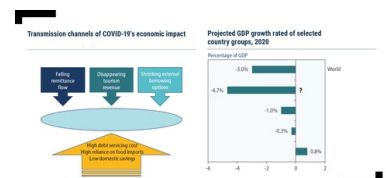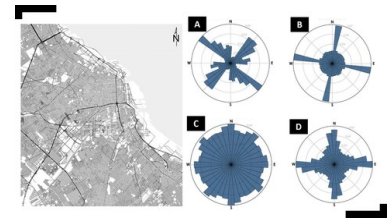
0/1 PUNT



**A** A

**B** B

**C** C

**D** D

**34.** The economy of which group of countries is impacted most
**(-4.7%) following this "model of transmission channels of
COVID-19 economic impact"?**

0/1 PUNT



**A** least developed countries

**B** BRICS countries

**C** small island developing countries

**D** G7 countries

**35.** **Left:** street map of Buenos Aires (Argentina)
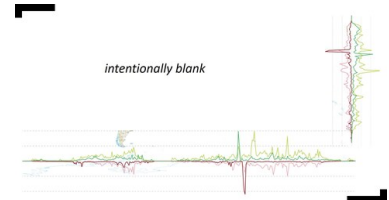**Right:** city street orientation radials of four different cities.

**Which city street orientation radial corresponds with Buenos Aires?**

0/1 PUNT



A  A

B  B

C  C

D  D

**36.** **This pair of graphs shows which worldwide distribution?**

0/1 PUNT



A  Change in salinity (1970-1990).

B  Change in biomass (1960-2020).

C  Change in surface area of waterbodies (1980-2010).

D  Change in average surface temperature (1990-2020).

**37.** 'The Product Space' depicts the world wide connectedness between products, based on the similarities of know-how required to produce them.
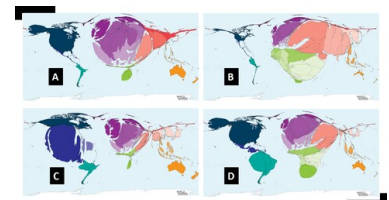
**The exports of which country are marked with colored dots in the graph?**

0/1 PUNT



A  Madagascar

B  Malta

C  Mexico

D  Myanmar

**38.** **Which map is sized after worldwide refugee destinations in 2018?**

0/1 PUNT
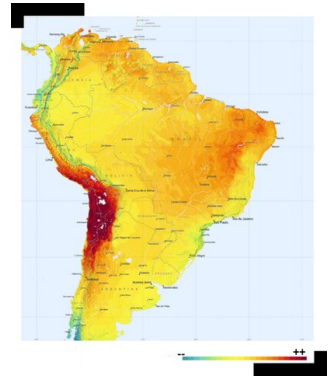


A  map A

B  map B

C  map C

D  map D

**39.** **To what type of renewable energy is this map related?**

0/1 PUNT

A  geothermal energy

B  hydro energy

C  solar energy

D  wind energy



**40.** Earthmap in a pond. **Where is Istanbul located in this world map?**

0/1 PUNT

A  location A

B  location B

C  location C

D  location D