Score: _____

1. **A city's core with the highest density of businesses is called**

   A) central business district

   B) inner city

   C) business ring

   D) business belt

2. **Lines of equal time are called**

   A) isobars

   B) isohyetes

   C) isochrones

   D) isohypses

3. **Where was the above picture taken?**

   A) Tibet

   B) Bolivia

   C) Turkey

   D) Namibia

4. **What percentage of overnight travels did the Swiss population spend in foreign countries in 2017?**

   A) 43%

   B) 51%

   C) 59%

   D) 67%

5. **What is the value of replacement-level fertility?**

   A) 1.4 births per woman

   B) 2.1 births per woman

   C) 3.5 births per woman

   D) it depends on the country

6. **What is NOT a stage of Rostow's modernization model for development?**
   - A) take-off
   - B) drive to technological maturity
   - C) high mass consumption
   - D) breakdown

7. **What is meant by the "first agricultural revolution"?**
   - A) the invention of artificial fertilizers
   - B) the beginning of agriculture and domestication
   - C) the use of steam powered machines in agriculture
   - D) the installation of the three-field crop rotation

8. **What had the largest impact in the reduction of acid rain?**
   - A) desulfurization of fossil fuels and their emissions
   - B) reduction of CFCs to protect the ozone layer
   - C) large scale reforestation campaigns in Central America
   - D) agreements on the reduction of nuclear tests

9. **Which abbreviation does NOT concern an agreement on free trade?**
   - A) NAFTA
   - B) ASEAN
   - C) CEFTA
   - D) BRICS

10. **What is a placer?**
    - A) an accumulation of minerals
    - B) a helper in public transport
    - C) a digital device used in cartography
    - D) a guiding system in container terminals

11. **Communities of people without significant or first contact with greater civilization are called**
    - A) indigenous people
    - B) uncontacted people
    - C) uncivilized people
    - D) native people

12. Which statement concerning the above table is correct?

- A Most trips were outbound.
- B In 2005 less trips than in 1998 were outbound.
- C The absolute number of short holiday trips increased more than 60%.
- D 4.4% of all short trips were outbound.

	Increase in the number of trips over the period 1998-2005	Share in the total number of trips 1998	Share in the total number of trips 2005
All holidays	30.8%	100.0%	100.0%
Short holidays (1-3 nights)	46.8%	44.2%	49.6%
Long holidays (4+ nights)	18.1%	55.8%	50.4%
Domestic holidays	32.5%	74.2%	75.2%
Outbound holidays	25.8%	25.8%	24.8%
Short domestic holidays	47.3%	40.1%	45.1%
Short outbound holidays	42.0%	4.1%	4.4%
Long domestic holidays	15.2%	34.2%	30.1%
Long outbound holidays	22.7%	21.7%	20.3%

Source: Eurostat, Tourism Statistics.
Note: Aggregated based on data from the Member States for which data is available for 1998 and 2005 (BE, DK, DE, EL, ES, FR, IT, LU, PT, FI, UK). UK data refers to 1998 and 2006.

13. Between which cities is the linear distance the shortest?

- A Buenos Aires – Santiago de Chile
- B Sydney – Singapore
- C Paris – Moscow
- D Durban – Antananarivo

14. Which country is landlocked?

- A Ghana
- B Mali
- C Nigeria
- D Liberia

15. Which country does not share a border with Lithuania?

- A Latvia
- B Poland
- C Belarus
- D Estonia

16. What does NOT cause earthquakes?

- A Convergent tectonic movement
- B Divergent tectonic movement
- C Transform tectonic movement
- D Planar tectonic movement

17. Which body of water has the least amount of adjacent countries?

- A Gulf of Mexico
- B Black Sea
- C Red Sea
- D White Sea

18.   Which country has the lowest tsunami risk?

A   Portugal

B   Iceland

C   Australia

D   Chile

19.   What is depicted in the above map?

A   World biomes

B   Major climate zones

C   World floral regions

D   Major soil types

20.   Which energy source has the highest energy density?

A   graphite

B   charcoal

C   brown coal

D   hard coal

21.   How many Sustainable Development Goals (SDGs) did the UN define in 2015?
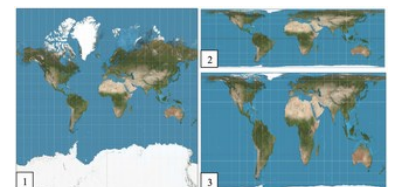
A   17

B   19

C   21

D   23

22.   What type of landscape is depicted in the above picture?

A   Sandur

B   Lacustrine plain

C   Abyssal plain

D   Moraine

**23.   Correlate the following map projections with the corresponding image 1-3
A – Mercator; B - Gall-Peters; C - Lambert cylindrical equal-area**

A   A3, B1, C2

B   A2, B3, C1

C   A1, B3, C2

D   A1, B2, C3

24. Which of the above maps shows „illiterate adults"?

A **A**

B B

C C

D D
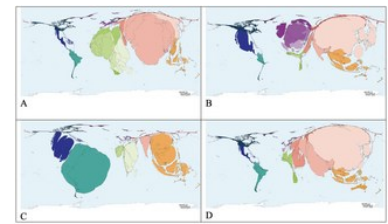
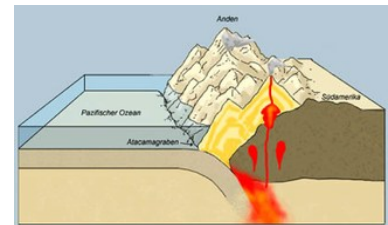**25.** What type of lava is depicted in the above picture?

A pahoehoe lava

B **aa-lava**

C basalt columns

D pillow lava

26. What type of plate boundary is depicted in the above picture?

A **convergent**

B divergent

C transform

D no plate boundary visible

27. What method of age determination is depicted in the above picture?

A C14-method

B palynology

C archaeomagnetic dating

D **dendrochronology**

28. What is the name of the fluvial landform in the foreground of the above picture?

A **delta**

B peninsula

C river mouth

D estuary

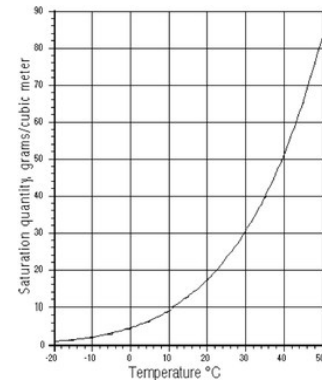**29. The above picture shows**

- A obsidian columns
- B granite columns
- C basalt columns
- D crystalized lava

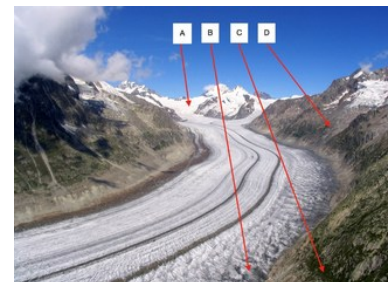**30. Approximately how large is the relative humidity in a cubic meter of air containing 6.4g water vapor at a temperature of 15°C?**
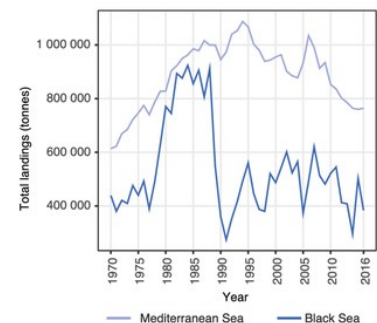

- A 100%
- B 75%
- C 11.9%
- D 50%

31. Where is the albedo the highest in the above picture?


- A A
- B B
- C C
- D D

32. What number describe the development of Mediterranean OR Black Sea fishery between 2000 and 2016 best?

- A Mediterranean: -100'000 t
- B Black Sea: -150'000 t
- C Mediterranean: -20%
- D Black Sea: -10%

33. There are two visible peaks in Cuba's population: A larger one in the range 40-50 and a smaller one in the range 25-30. What is the name of the demographic effect that causes the peak in the 25-30 range?

- (A) demographic momentum
- (B) demographic transition
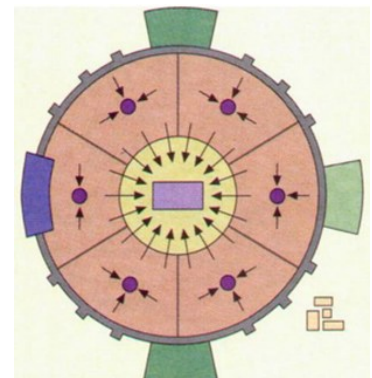- (C) demographic change
- (D) demographic inertia
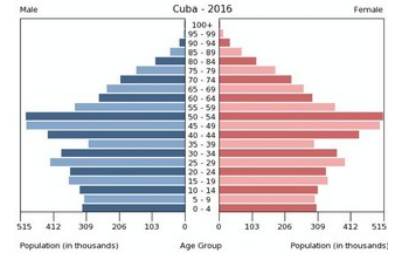
34. Which of these is a strong location factor?

- (A) political situation
- (B) environmental quality
- (C) scientific institutions
- (D) wage costs

35. What kind of historic city model is represented by the above picture?

- (A) Socialist city
- (B) North-American city
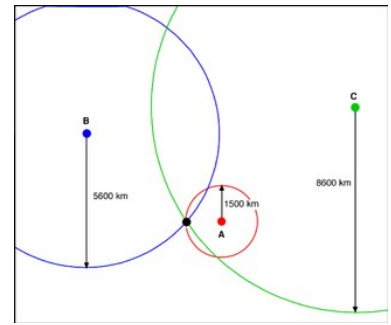- (C) European city
- (D) Islamic city

36. What kind of urban process is depicted in the above map?

- (A) gentrification
- (B) suburbanization
- (C) ethnic segregation
- (D) city renewal

37. Where is the epicenter of the earthquake in the above picture?

(A) A

(B) B

(C) C

(D) None of the other answers

38. The above list indicates factors influencing migration. They are called

(A) push factors

(B) pull factors

(C) emigration factors

(D) attraction factors

- Job opportunities
- Better living conditions
- Political and/or religious freedom
- Enjoyment
- Education
- Better medical care
- Attractive climates
- Security
- Family links
- Industry
- Better chances of marrying

39. Which invasive species' distribution is shown in the above map? (April 2017; red: established; yellow: introduced; green: absent; grey: no data/unknown)

(A) Colorado potato beetle (Leptinotarsa)

(B) Japanese knotweed (Fallopia)

(C) malaria mosquito (Anopheles)

(D) tiger mosquito (Aedes)