

**AGA KHAN UNIVERSITY EXAMINATION BOARD**

**SECONDARY SCHOOL CERTIFICATE**

**CLASS IX EXAMINATION**

**MAY 2016**

**Geography Paper I**

**Time: 35 minutes    Marks: 25**

**INSTRUCTIONS**

1. Read each question carefully.
2. Answer the questions on the separate answer sheet provided. DO NOT write your answers on the question paper.
3. There are 100 answer numbers on the answer sheet. Use answer numbers 1 to 25 only.
4. In each question there are four choices A, B, C, D. Choose ONE. On the answer grid black out the circle for your choice with a pencil as shown below.

Correct Way		Incorrect Ways	
1	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	1	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
		2	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
		3	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
		4	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D

**Candidate's Signature**

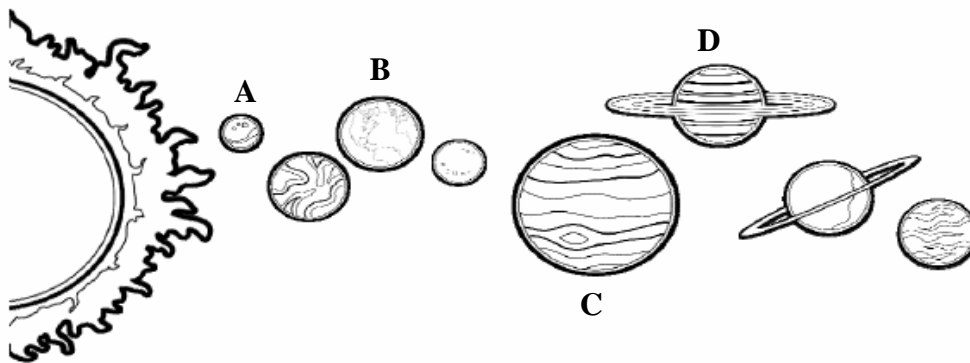
5. If you want to change your answer, ERASE the first answer completely with a rubber, before blacking out a new circle.
6. DO NOT write anything in the answer grid. The computer only records what is in the circles.

1. Which of the following questions covers the components of both physical and human geography?
- A. How was the shape of the Earth formed?
  - B. How does population grow in different places?
  - C. How do oceans and land affect each other?
  - D. How do the emissions of gases affect the climate?

- 2.
- Major work: Kitab Surat-al-Ard (Book of the Description of Earth)
  - Depicted the Atlantic and Indian Oceans as open bodies of water
  - Corrected Ptolemy's gross estimate for the length of Mediterranean Sea

The above mentioned contributions in the field of geography were made by which of the following Muslim geographer?

- A. Al-Idrisi
  - B. Al-Bakri
  - C. Al-Biruni
  - D. Al-Khwarizmi
3. Identify the position of planet Earth from the given options.

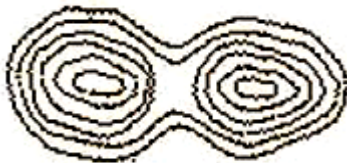


4. Which of the following is NOT the effect of Earth's revolution around the sun?
- A. Change in seasons
  - B. Formation of Equinox
  - C. Formation of Solstices
  - D. Change in wind direction
5. The approximate circumference of the Earth is
- A. 30,000 km.
  - B. 35,000 km.
  - C. 40,000 km.
  - D. 45,000 km.

6.



The given topographic feature can be presented using which of the following contours?



A



B

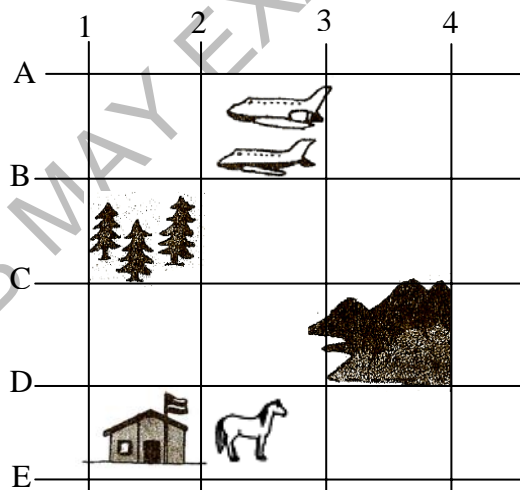


C



D

7.



Using the four grid map given above, what is the location of the forest?

- A. B1
- B. B2
- C. C2
- D. C1

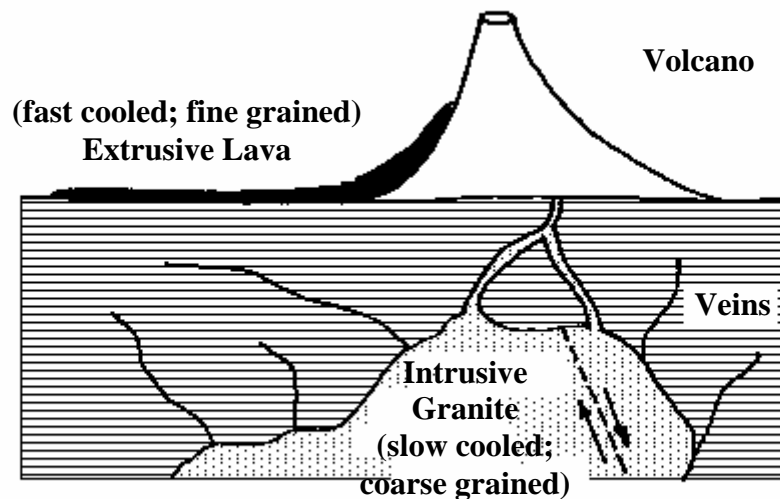
PLEASE TURN OVER THE PAGE

8. Ahmed plans to travel across the United States of America. In order to decide the type of clothes he should carry, which of the maps given below should he consider?



9. The change of each degree of longitude will change the time by
- 4 minutes.
  - 15 minutes.
  - 30 minutes.
  - 60 minutes.
10. If the country Z is located at  $105^{\circ}$  E, what will be the time at country Z when the Greenwich time is noon?
- 5 am
  - 12 noon
  - 5 pm
  - 7 pm

11. The given picture shows the process of the formation of



- A. igneous rocks.  
B. planetary rocks.  
C. sedimentary rocks.  
D. metamorphic rocks.
- 12.
- They are usually layered
  - They often contain fossils (remnants of prior life)
  - Younger rock layers lie on top of older rock layers

The above mentioned characteristics are of

- A. igneous rocks.  
B. planetary rocks.  
C. sedimentary rocks.  
D. metamorphic rocks.
13. Which of the following is the most important contribution of coral reef?
- A. It encourages tourism in the region.  
B. It protects coastal areas against tsunamis.  
C. It provides material for medicinal purpose.  
D. It supports and protects different species of fish.

14.

- These are cages of stones.
- They can be used to stabilise cliff bases and to absorb the energy of the waves.
- They are a short term measure as they are easily damaged by storm waves and the cages rust.

The above given description is of hard engineering coastal protection method called

- A. rip-rap.
- B. gabions.
- C. sea walls.
- D. revetments.

15. Which of the following options CORRECTLY identify the Caribbean Sea?



16. Mangrove forests are usually planted near the coastal areas because it

- A. increases tourism in the area.
- B. protects oceans from pollution.
- C. protects land area from tsunamis.
- D. provides raw materials to the industries.

17. Which of the following type of clouds is formed by the fog lifting in the morning?

- A. Cirrus
- B. Stratus
- C. Cumulus
- D. Altocumulus

18.

- Found between 30° and 45° latitudes.
- Climate is very mild so it really has two seasons, summer and winter.
- The cause of this climate is related to the large bodies of water.

The above description clearly describes the climatic zone of

- A. Polar.
- B. Tropical.
- C. Monsoon.
- D. Mediterranean.

19. People continue living near the volcanic areas because volcanoes

- A. enrich the content of the soil.
- B. provide adventure when they erupt.
- C. are beautiful sights when they erupt.
- D. provide opportunity for people to help others in distress.

20. The most abundant elements found in the atmosphere are

- A. nitrogen, oxygen and argon.
- B. chlorine, carbon and nitrogen.
- C. carbon, oxygen and hydrogen.
- D. hydrogen, oxygen and nitrogen.

21. Tides are caused due to the gravitational pull of the

- I. moon
- II. sun
- III. stars

- A. I only
- B. I and III
- C. I and II
- D. III only

22. Intense drought causes all of the following problems EXCEPT

- A. death of animals.
- B. drying up of rivers.
- C. migration of people.
- D. landsliding in the area.



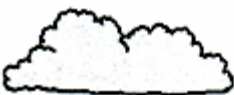

23. Which of the following is a depositional landform?

- A. Gorge
- B. Pothole
- C. Waterfall
- D. Floodplain

24. The primary contribution of the ozone layer to life on Earth is to

- A. trap heat and keep the Earth warm.
- B. block out the sun's harmful ultraviolet rays.
- C. absorb excess carbon dioxide from the Earth.
- D. prevent water vapour from escaping into outer space.

25. Which of the following types of cloud is often associated with thunderstorms?

- A. A thin, wispy cloud with a feathery appearance.
- B. A large, dark, and towering cloud with a flat, anvil-like top.
- C. A low, grey, and featureless cloud that covers the sky like a blanket.
- D. A mid-level, grey, and featureless cloud that covers the sky like a blanket.