

AGA KHAN UNIVERSITY EXAMINATION BOARD

SECONDARY SCHOOL CERTIFICATE

CLASS IX EXAMINATION





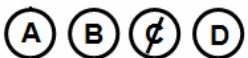
MAY 2015

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		1	
		2	
		3	
		4	

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 sets is confined to elements of physical geography?

A	Landforms	Settlements	Population
B	Soils	Landforms	Oceans
C	Soils	Rocks	Agriculture
D	Oceans	Landforms	Settlements

2. The approximate circumference of the planet Earth is

- A. 30,000 km.
- B. 40,000 km.
- C. 50,000 km.
- D. 60,000 km.

3. Which of the following is the CORRECT difference between rotation and revolution?

	Rotation	Revolution
A	Movement of earth around the sun	Spinning of earth on its own axis
B	Takes 365 days to complete the movement	Takes 24 hours to complete the spin
C	Results in the creation of time zones	Results in the creation of seasons
D	Results in the formation of day and night	Results in the flattening of the planet at the poles

4. For discussing the effects of the environment on humans, he was known as one of the first environmental determinists.

The above mentioned text describes

- A. Al Idrisi.
- B. Al Khawarizmi.
- C. Ibn-e-Khaldun.
- D. Ibn al Haytham.

5. Which phase of the moon is shown in the picture below?

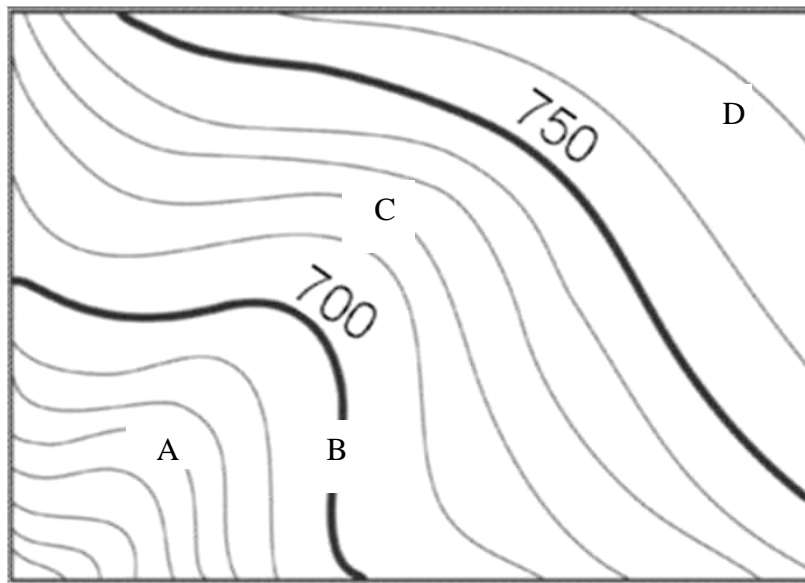


- A. New moon
- B. Half moon
- C. Half quarter
- D. Gibbous

6. The given symbol represents



- A. railway.
 - B. a road.
 - C. a bridge.
 - D. houses.
7. Which of the following contours is showing the height of 720m?



8. I am planning to go to Europe for a holiday and need to know the location of different countries there.

Which of the following maps should I use?

- A. Political
- B. Physical
- C. Population
- D. Temperature

9. The tropic of Cancer lies on the latitude of

- A. $23\frac{1}{2}^{\circ}\text{N}$.
- B. $23\frac{1}{2}^{\circ}\text{S}$.
- C. 66°N .
- D. 66°S .

10. The given picture shows



- A. a political map.
- B. a physical map.
- C. a population map.
- D. a rainfall map.

11. Rocks are classified according to their

- A. method of formation.
- B. grain size.
- C. hardness.
- D. colour.

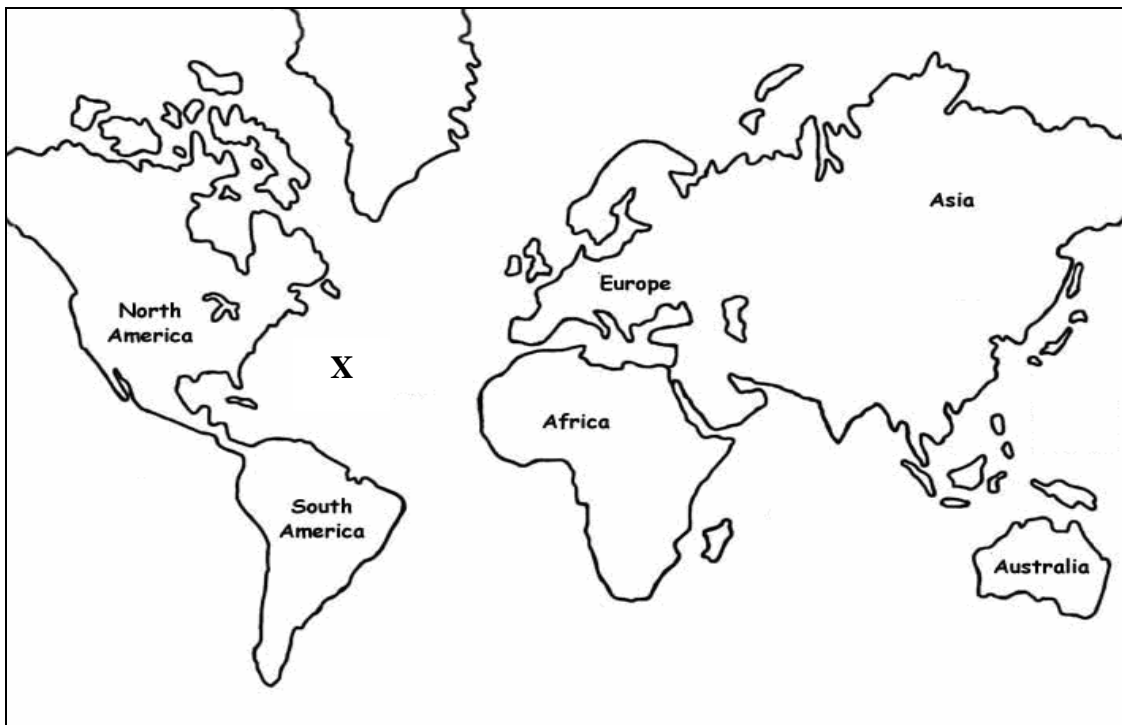
12. Sedimentary rocks can be identified by all of the following EXCEPT through the presence of

- A. rock particles.
- B. banded appearance.
- C. fossils.
- D. layering.

13. All of the following statements are CORRECT about volcanoes EXCEPT that

- A. volcanoes which have not erupted for a very long time may erupt again.
- B. volcanoes are found at the plate boundaries.
- C. volcanoes release gas and lava at the time of eruption.
- D. active volcanoes erupt every year.

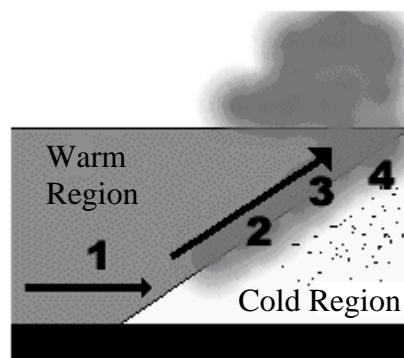
14. Meanders are formed when a river
- A. deposits the sediments at the river mouth.
 - B. erodes both banks at the same time.
 - C. erodes the banks and deposits the sediments.
 - D. does not erode the banks.
15. Floods bring forth a lot of destruction and displacement of human resources. At the same time it increases the fertility of land by the deposition of
- A. sand.
 - B. rocks.
 - C. alluvium.
 - D. sediments.
16. I was on the top of a tall sea cliff. I stood near the edge to watch the strong pounding of the waves against the cliff. The wind grew stronger with each pounding wave and the water rose up against the tall cliff to form a gigantic spray. I could hear some rocks falling from the face of the cliff.
- This is a description of
- A. attrition.
 - B. solution.
 - C. corrosion.
 - D. hydraulic action.
17. Which of the following CORRECTLY identifies 'X' in the given picture?



- A. Pacific Ocean
- B. Atlantic Ocean
- C. Indian Ocean
- D. Southern Ocean

PLEASE TURN OVER THE PAGE

18. Which of the following is NOT caused by the friction produced when wind moves over a body of water?
- A. Surface current
 - B. Deep water current
 - C. Labrador current
 - D. Indian monsoon current
19. A narrow strip of water connecting two larger masses of land is termed as
- A. ocean.
 - B. sea.
 - C. gulf.
 - D. straits.
20. The sloping structure placed on banks or cliffs in such a way as to absorb the energy of the incoming water is called
- A. gabion.
 - B. groynes.
 - C. revetment.
 - D. break water.
21. Which of the following is the CORRECT composition of the Earth's atmosphere?
- A. 75% Nitrogen; 24% Oxygen; 0.3% Carbon dioxide
 - B. 78% Nitrogen; 21% Oxygen; 0.4% Carbon dioxide
 - C. 77% Nitrogen; 21% Oxygen; 0.8% Carbon dioxide
 - D. 78% Nitrogen; 23% Oxygen; 0.9% Carbon dioxide
22. The given picture shows the process that results in



- A. convectional rainfall.
- B. frontal rainfall.
- C. relief rainfall.
- D. cyclonic rainfall.

23. Which climate type do the following characteristics represent?

- Very heavy rainfall of more than 2000 mm annually.
- The rainfall is mainly convectional.
- The mean annual temperature is high around 27°C for most months.
- The temperature is uniform throughout the year.

- A. Equatorial climate
- B. Mediterranean climate
- C. Polar climate
- D. Siberian climate

24. Which of the following does NOT show the problem due to floods?

- A. Many people become homeless.
- B. Supply of water and electricity are disrupted.
- C. Chemicals contaminate water bodies.
- D. There is huge destruction of roads and bridges.

25. Which of the following CORRECTLY shows a difference between climate and weather?

	Climate	Weather
A	The average condition at a specific place at a given time	The day to day temperature and precipitation activity
B	Components include rain, flooding, ice storms	Components include fog, frost, sunshine
C	Measured for a short term	Measured over a long period of time
D	Its study is called meterology	Its study is called chorography

Please use this page for rough work