

The City School

Unified Midyear Examinations 2018-19



SCHOOL
NAME

INDEX
NUMBER

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GEOGRAPHY
CLASS 7

December 2018
1 hour 30 minutes

READ THESE INSTRUCTIONS FIRST

- ❖ Write your School name and Index number in the spaces provided above.
- ❖ Carefully read and follow the instructions given for each Question.
- ❖ Answer all questions.
- ❖ Write your answers in the provided spaces only. **DO NOT** write outside the provided space.
- ❖ Select only one answer when made to choose, otherwise no mark will be given.
- ❖ Check your answers before you return the Question Paper to the invigilator.
- ❖ Marks for each section are shown below.

----- For Examiner's use only -----

Questions	1	2	3	4	5	Total
Max. Marks	10	10	10	10	10	50
Marks Obtained						

Percentage		Grade	
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Invigilated by: _____ Marked by: _____ Rechecked by: _____

Q.1 With reference to 'Weather and Climate' answer the following questions. [10]

a. Study the photograph given below which shows lights in the sky over Antarctica.



a(i) What are these lights called? [/0.5]

a(ii) Similar lights can be seen in the sky in the northern hemisphere. What are they called?

[/0.5]

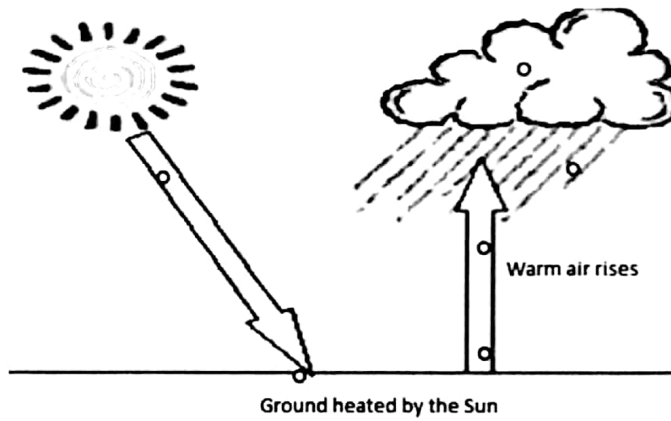
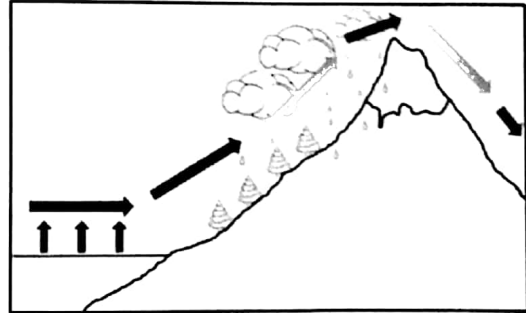
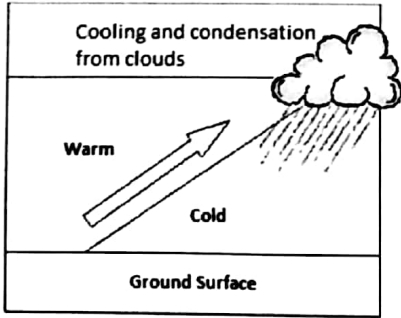
a(iii) How are these lights produced? [/1]

a(iv) Name the layer of the atmosphere where these lights are produced. [/0.5]

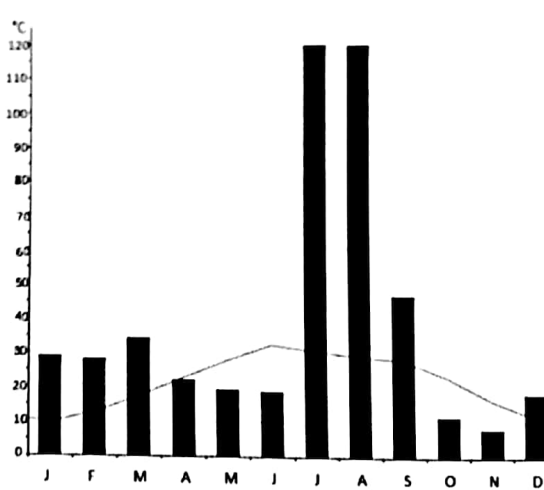
a(v) What is the most common colour seen in these lights? [/0.5]

b(i) Name the types of rainfall under each figure.

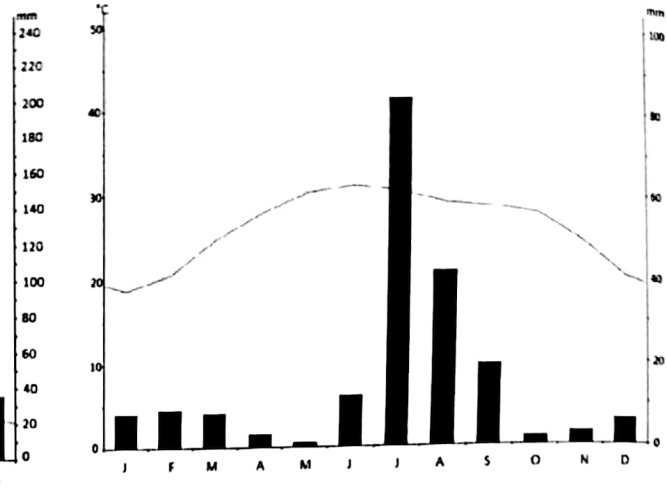
[/1.5]



b(ii) Study the graphs below and answer the questions that follow.



Rawalpindi



Karachi

A. Which city receives more yearly rainfall?

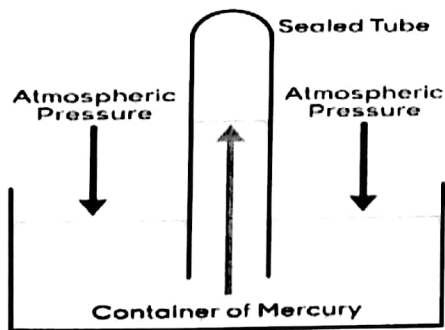
[/0.5]

B. What is the difference between winter temperatures of both the cities?

[/1]

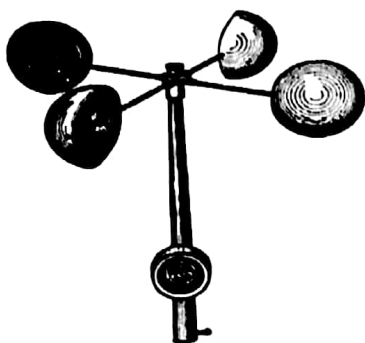
c(i) Different instruments are used at weather stations to record the weather. Identify the given instruments and write one use of each.

[/2]



INSTRUMENT _____

USE _____



INSTRUMENT _____

USE _____

c(ii) Explain any two reasons for differences in climates around the world. [/2]

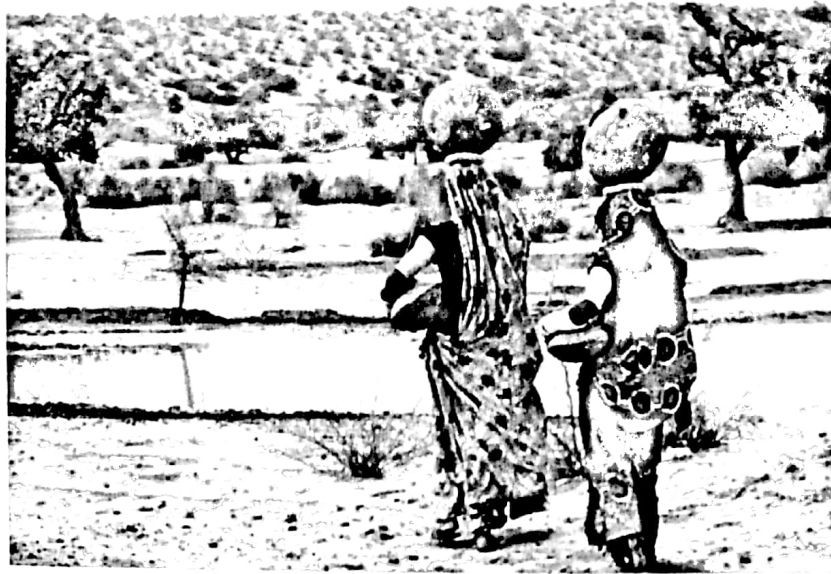
Q.2 Answer the following questions related to fresh water as a natural resource and problems associated with it. [10]

a(i) Why did the UN declare the Year 2003 to be the International Year of Fresh Water? [/1]

a(ii) How is population increase associated with shortage of fresh water? [/2]

a(iii) Why, even if there is sufficient fresh water in the country, all of it may still not be good to drink? [/1]

- b(i). Study the picture and explain why rural women have to walk to a river to get the supplies of fresh water. [/1]



- b(ii) Look at the map and tell why Egypt would more likely be worried about a possible shortage of river water compared to Ethiopia. [/2]



c(i) The process of desalinating the sea water has not been adopted by many countries.
State two reasons why? [/2]

c(ii) If you were to decide about installing a desalination water plant at Karachi, would you decide to have one or not? Why? [/1]

Q.3 Answer the following questions. [10]

a(i) State the meaning of the term 'hydrological cycle'. [/1]

a(ii) Why is there more evaporation from the tropical oceans than anywhere else in the world? [/1]

a(iii) Name any two elements of weather. [/1]

b(i) With reference to the work of rivers which of the stones shown below have been changed in their appearance? []/0.5]



Rounded rock fragments



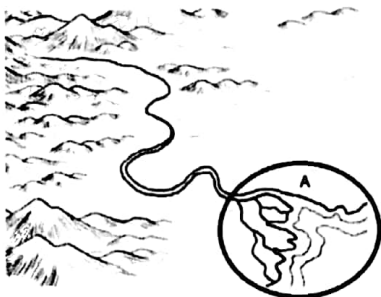
Angular rock fragments

b(ii) Name the process responsible for the change in appearance you have named in b (i). []/0.5]

b(iii) How does the process you have named in b(ii) work? []/1]

c(i) Explain the formation of waterfalls. []/2]

c(ii) Name the feature 'A' made by the river. []/0.5]

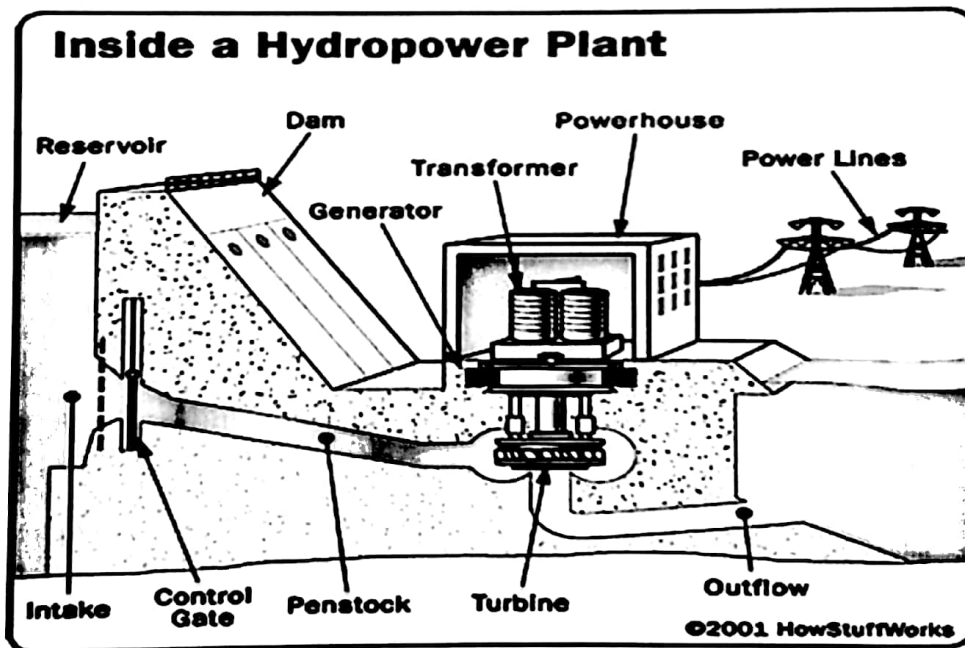


c(iii) There are three actions of river, which action of river forms the feature named in c(ii)? [/0.5]

c(iv) Why does a river form the feature shown in c (ii)? [/2]

Q.4 Read the following questions and answer accordingly. [10]

a(i) Following figure shows the process of generating hydroelectricity. State the meaning of the term 'hydroelectricity'. [/1]



a(ii) In a hydropower plant, name the place, [/1.5]

where water is stored _____

which holds back the water _____

which carries the electricity to homes and businesses _____

b(i) Why is irrigation needed? [/1]

b(ii) Why does the amount of water in the Indus River System vary during each year? [/2]

b(iii) The following table shows the annual allocation of water to provinces. [/1.5]

Province	Billions of cubic meters
Punjab	68.81
Sindh	59.98
Khyber Pakhtunkhwa	10.80
Balocistan	4.76
Annual Allocation of Water to Provinces	

Punjab gets the maximum share of water and Balochistan the least. Explain.

c(i) With reference to rabi crops, why were the two large dams built in Pakistan? [/2]

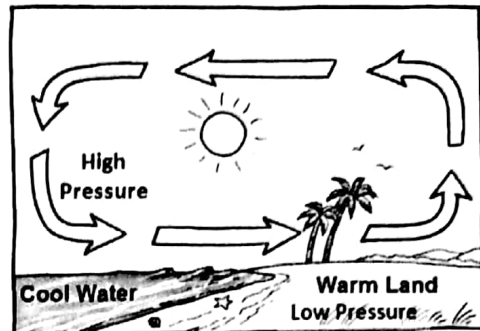
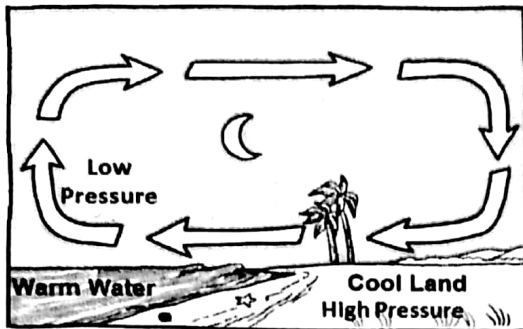
c(ii) If Sukkur Barrage is closed, what effect will it have on farmers living close to Kotri Barrage? [/1]

Q.5 Answer the following questions.

[10]

a(i) Identify the type of breezes.

[]/1]



a(ii) Why are the breezes you have named in a(i) formed?

[]/2]

b(i) What other names have been given to cyclone?

[]/0.5]

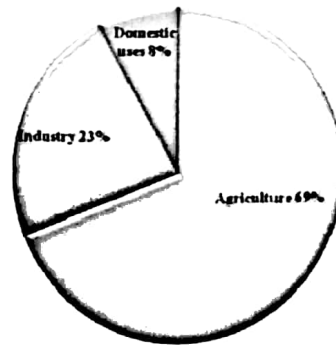
b(ii) Which area of the cyclone has 'calm'?

[]/0.5]

b(iii) How does the area you have named in b(ii) have calm?

[]/1]

c(i) Pakistan is fast becoming a 'water scarce' country. Water is used mainly by the following sectors.



A. Which sector is the largest consumer of water? [/0.5]

B. Which of these three sectors should have priority in receiving supplies of fresh water? Why? [/1]

C. Karachi is located on the coast whereas Multan and Lahore are inland cities. Why is it unlikely that inland cities could make use of desalinated sea water? [/2]

c(ii) Farmer A wants to grow cotton crop but there is shortage of water for irrigation. What will happen to: [/1.5]

- The yield of cotton crop _____
- The farmer's income _____
- The next year's crop _____