

The Brigade School Revision Test (2020-21)

Total points **30/30** ?

Standard 10

Geography

Maximum Marks: 30

Email address *

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0 of 0 points

Name of the student *

Manan Y Mehta

Name of the School *

TBSG

Class and Section *

10A

Question 1

10 of 10 points

On the outline map of India,



- ✓ a) Shade and label the River Brahmaputra . b) Shade and label Thar desert. c) Mark with a dot and name Kolkata. d) Shade and label the Coromandel Coastal Plain. e) Mark and name the Himalayas. f) Mark and name Jharia field. g) Mark and name Gulf of Kutch. h) Mark and name Chilka Lake. i) Mark with the arrows and name South West Monsoon winds over the Arabian Sea. j) Draw and name the Standard Meridian. *

 map - Manan Me...

Feedback

 <https://drive.google.com/f...>

Question 2

10 of 10 points

- ✓ a. Give geographic reasons for the following: i) Konkan coast experiences orographic rainfall. ii) Kolkata gets heavy rainfall than Lucknow. *

(i) Konkan coast lies on the western side of Western Ghats and hence receives heavy rain from S.W. Monsoon winds(Arabian Sea Branch), thus, it receives orographic rainfall.
(ii) Lucknow lies in the interior region, i.e near the middle course of Ganga where as Kolkata is in the east in Ganga delta region. The S.W. Monsoon winds(Bay of Bengal Branch) gives more rain to Kolkata and gets exhausted before reaching Lucknow. Thus, Kolkata gets heavier rainfall than Lucknow.

Individual feedback

i) Konkan coast lies on the windward side of the western ghats and hence receives heavy rain from the South West Monsoon winds.(1 mark)
ii) The Bay of Bengal branch gets exhausted by the time it reaches Lucknow. (1mark)
Good answer

- ✓ b. What type of wind is Monsoon? Name the first state to experience the onset of the monsoon. * 2/2

Monsoon is periodic or seasonal type of wind. The first state to experience the onset of monsoon in Kerala(on Malabar Coast).

Feedback

Seasonal wind(1mark)

Kerala(1 mark)

- ✓ c. Mention the characteristics of summer season in India. * 3/3

~Summer has dry weather and excessive heat.
~The sun shines directly overhead the Tropic of Cancer.
~Thunderstorms are accompanied by dusty winds.
~In the interior, there is a very high range of temperature.

Feedback

i) The season is marked by dry weather and excessive heat.(1mark)
ii) Sun shines directly overhead the Tropic of Cancer.(1mark)
iii) Range of temperature is very high in the interior.(1mark)
[any 3 points from text book pg. 113]

- ✓ d. Study the climatic data given below and answer the questions that follow: i) Calculate the total annual rainfall. ii) Name the wind that brings most of the rainfall to the station. iii) Calculate the annual range of temperature of the station. *

3/3

Month	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Temp degree celsius	20	21.5	23	26	29	27	26.6	26	25	24	23	22
Rainfall cms	3	3	2	3	4	5	6	11	12	30.5	32	17

(i) Total Annual Rainfall = 128.5 cms

(ii) Retreating South-West Monsoon brings most of the rainfall to the station.

(iii) Annual Range of Temperature = Highest Temperature - Lowest Temperature = $29 - 20 = 9$ degree C.

Feedback

i) 128.5 cms

ii) Retreating Monsoon winds

iii) 9 °C

Question 3

10 of 10 points

- ✓ a. Name two states where perennial canals are widely used. * 2/2

The 2 states are Punjab and Uttar Pradesh.

Feedback

Punjab , Haryana, Uttar Pradesh (1 mark each)

✓ b. Mention any two advantages of surface wells. *

2/2

- ~Cheaper to construct as compared to canals and tanks.
 - ~Independent source of irrigation and can be used by farmers.
 - ~Have simple technology and are thus economical.
-

Feedback

1. Cheaper to construct (1 mark)
 2. Independent source of irrigation (1 mark)
- [any 2 points]

✓ c. Mention any three conditions necessary for digging canals. *

3/3

- ~Low relief with deep fertile soil.
 - ~Perennial source of water i.e snowfed rivers may be used for developing canals.
 - ~Water from these rivers is stored by building a dam/weir across the river.
-

Feedback

1. low level relief with deep fertile soil. (1 mark)
 2. Perennial source of water. (mark)
 3. Water from these rivers is stored by building a dam or weir across the river. (1 mark)
- [any 3 points from textbook pg. 166]

✓ d. Mention three reasons for conservation of water resources. *

3/3

- ~Water scarcity arises due to the growing population.
 - ~Rapid urbanization and increasing industrialization exerts pressure on existing water resources.
 - ~India receives 4% global precipitation but we yet suffer water shortage.
-

Feedback

1. Rainfall is erratic and uneven. (1 mark)
2. Water is required to grow crops throughout the year. (1 mark)
3. Water supply for the increasing population is required. (1 mark)