

MODEL QUESTION PAPER SET- 1 : 2021 - 22

STD 10TH – GEOGRAPHY (THEORY)

MM: 40

SOLUTIONS

Time: 2 Hrs

ENTIRE SYLLABUS:**Q.1 Choose the right option and rewrite the sentences : (4)**

- 1) One should always keep a box for emergency.
a. lunch b. first aid c. compass d. pencil

Ans. One should always keep a **first aid** box for emergency.

- 2) Cold winds blowing from the north of are obstructed by the Himalayas.
a. Asia b. Siberia c. Russia d. China

Ans. Cold winds blowing from the north of **asia** are obstructed by the Himalayas.

- 3) The evergreen forests of India are found rainfall region.
a. 1000mm b. 2000mm c. 3000mm d. 400 mm.

Ans. The ever green forests of India are found **2000mm** rainfall region.

- 4) Brazil was under rule for more than three centuries.
a. British b. Spanish c. Portuguese d. American

Ans. Brazil was under **Portuguese** rule for more than three centuries.

Q.2 Match the correct pair. (4)

	Column "A"		Column "B"
i.	Evergreen forests	a.	Sundar trees
ii.	Deciduous forests	b.	Pine
iii.	Coastal forests	c.	Pau Brazil
iv.	Himalayan forests	d.	Khejri
v.	Thorny and shrub-type vegetation is found	e.	Teak
		f.	Orchid

Ans.

i.	Evergreen forests	Pau Brazil
ii.	Deciduous forests	Teak
iii.	Coastal forests	Sundar trees
iv.	Himalayan forests	Pine
v.	Thorny and shrub-type vegetation is found	Khejri

Q.3 Answer in one sentence. (Any four) (4)

- 1) Out of which process has the plateau of Maharashtra formed?

Ans. Maharashtra plateau is formed by fissure-volcanic eruption process.

- 2) Which sector of Brazil economy provide maximum contribution to its G.O.P.I.?

Ans. Service sector/Tertiary sector provides maximum contribution to Brazil economy.

- 3) Which country has a larger latitudinal extent : Brazil or India?

Ans. Brazil has a larger latitudinal extent than India.

4) Where does the rain-shadow region lie in Brazil ?

Ans. The rain-shadow region lies in northeastern part of highlands of Brazil.

5) In which part of India does the Temperature drop down to -40°C .

Ans. Some parts of Jammu and Kashmir and parts of mountainous region of Himalayas, the Temperature drops down to -40°C .

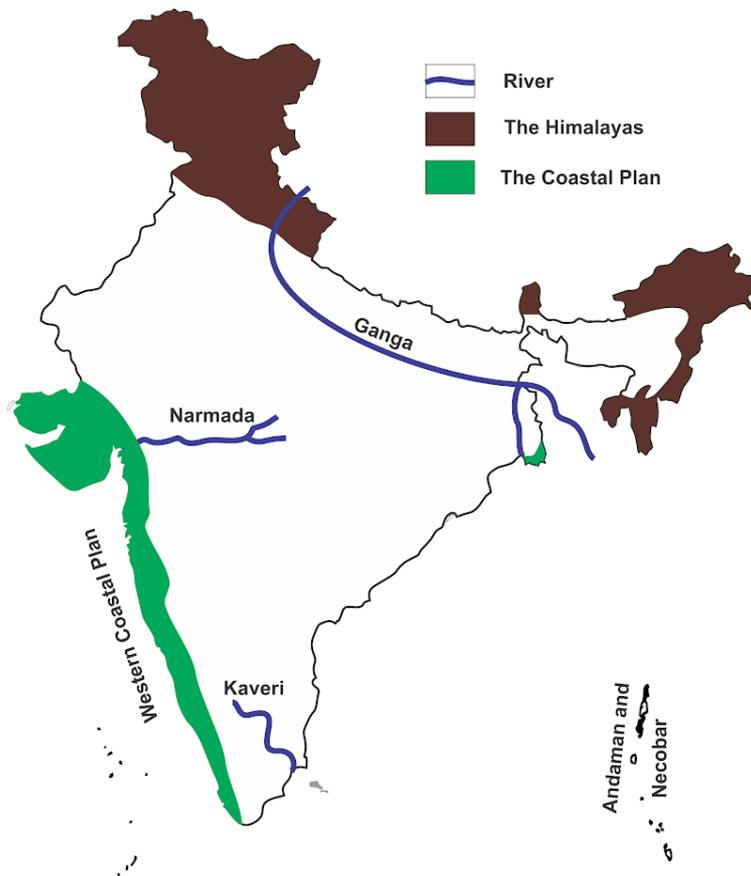
Q.4 (A) Do as per the instructions given below.

(4)

Fill information in the map of India, give titles and prepare an index/legend.

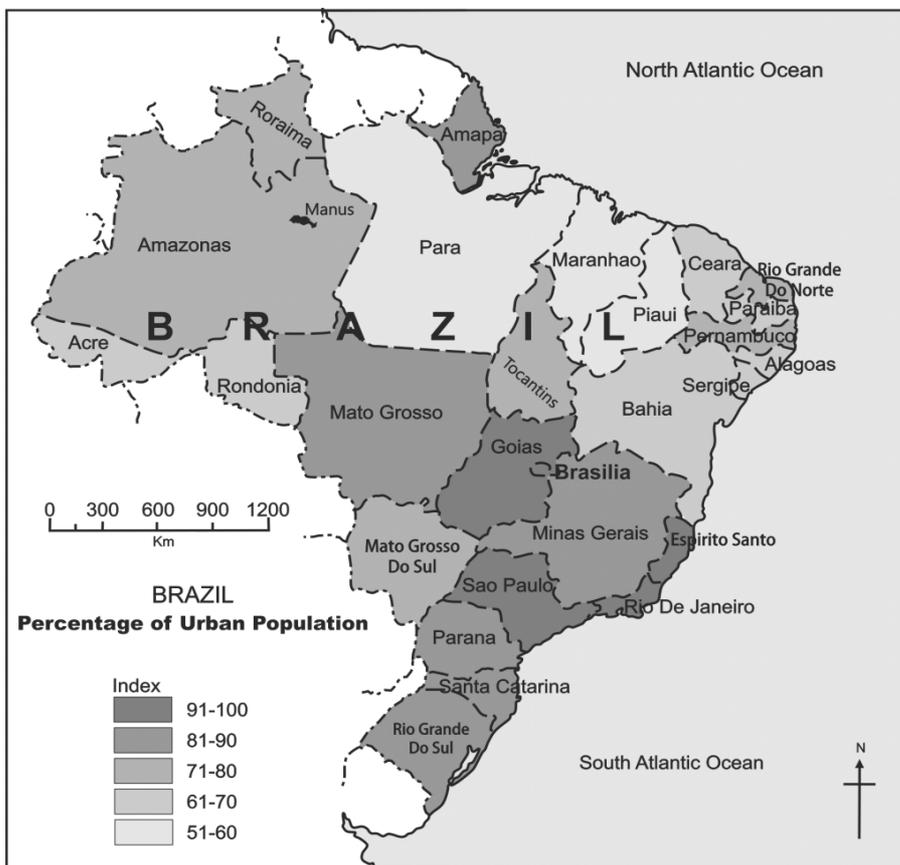
- i. River Ganga.
- ii. River Narmada.
- iii. River Kaveri.
- iv. The Himalayas.
- v. Western Coastal Plain
- vi. Andaman and Nicobar Islands.

Ans.



(B) Answer the following questions on the basis of the map given. (Any four)

(4)



Answer the following questions reading map of Brazil.

- What is the title of map?
- Name the two states of Brazil where population in between 91 to 100% urbanize.
- Name the two state having population between 71 to 80% urbanize.
- Name the two state having population least urbanize.
- In which category of organization does Rio De Janeiro fall.

- Ans.**
- Brazil-percentage of urban population.
 - Sao Paulo and Goias
 - Rondonia and Tocantins.
 - Para and Maranhao.
 - 91 to 100%.

Q.5 Give geographical reasons. (Any two)

(6)

- In Brazil majority of population in found in the eastern coastal areas.

- Ans.**
- Eastern coastal areas having hot and humid climate, flat land and limited rugged topography.
 - The region has a good water supply and a large range of natural resources.
 - These areas having, extensive area under rich soil which makes ideal for growing coffee.
 - Also has large supply of natural minerals such as iron ore and also has a steady energy supply.
 - These area has a good transport system too.
 - These region having a big city Sao Paulo.

- Around 60% of the land in India is under cultivation.

- Ans.**
- Enormous expenses of level plains
 - Rich Textile soil
 - High percentage of cultivable land
 - Wide climatic variety
 - Long growing seasons have brought more and more land under cultivation

- There are no West flowing rivers in Brazil.

- Ans.**
- There is high elevation in the Western margin of Brazil and its slopes towards the East.
 - Major rivers of Brazil a rising from Andes mountains, Guyana highlands and Brazilian Highlands.
 - These rivers flows West to East.

Hence there are no West flowing rivers in Brazil.

4) Vegetation is scarce in high altitudes of Himalaya.

- Ans.** i. This region is having altitude above 6000m.
 ii. This region falls under rain shadow region of India.
 iii. Cold climate and extreme condition makes the region without vegetation.
 iv. Hence vegetation is sparse in high altitudes of Himalaya.

Q.6 (A) Draw a graph / Answer the help of the given statistical information.

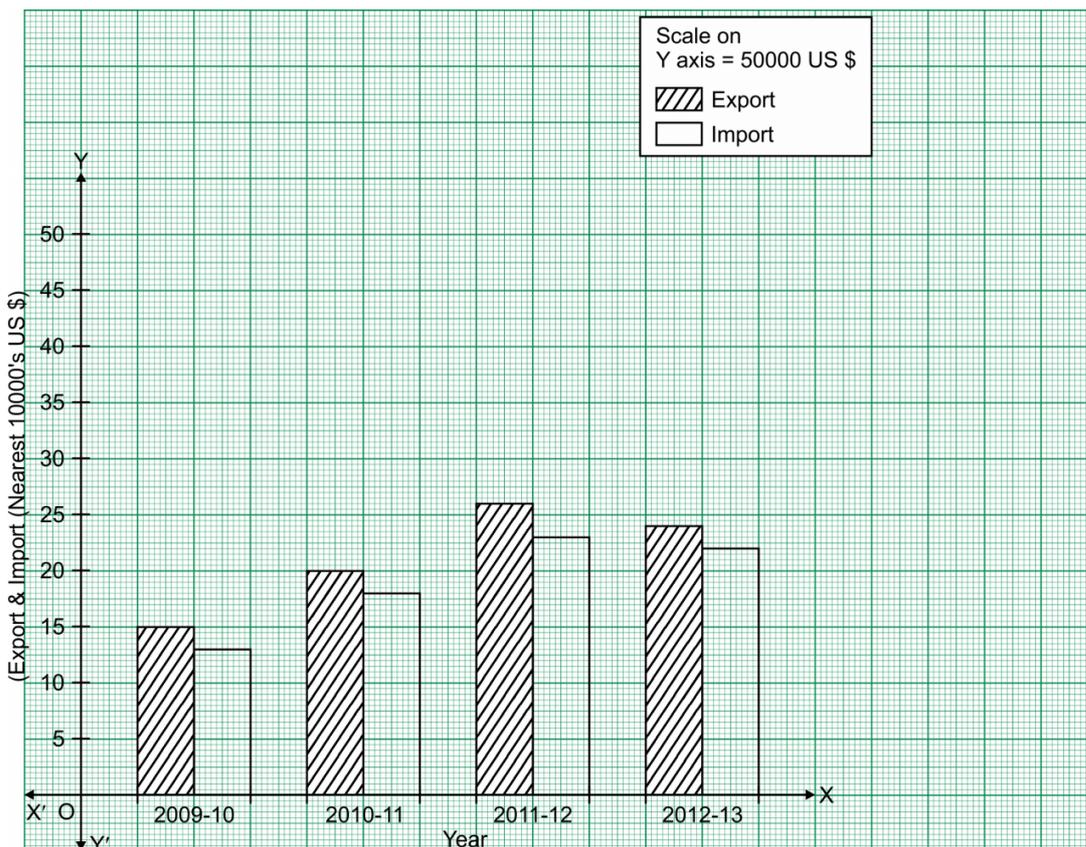
(6)

Prepare a multiple bar graph and write the answers

Brazil's Exports and Imports			(Value in nearest 10000's US \$)
Year	Exports	Imports	
2009-10	15	13	
2010-11	20	18	
2011-12	26	23	
2012-13	24	22	

- i. Brazil belongs to which type of balance of trade?
 ii. In which year there was highest percentage increase in Brazil's exports?
 iii. In which year there was highest percentage increase in Brazil's imports?

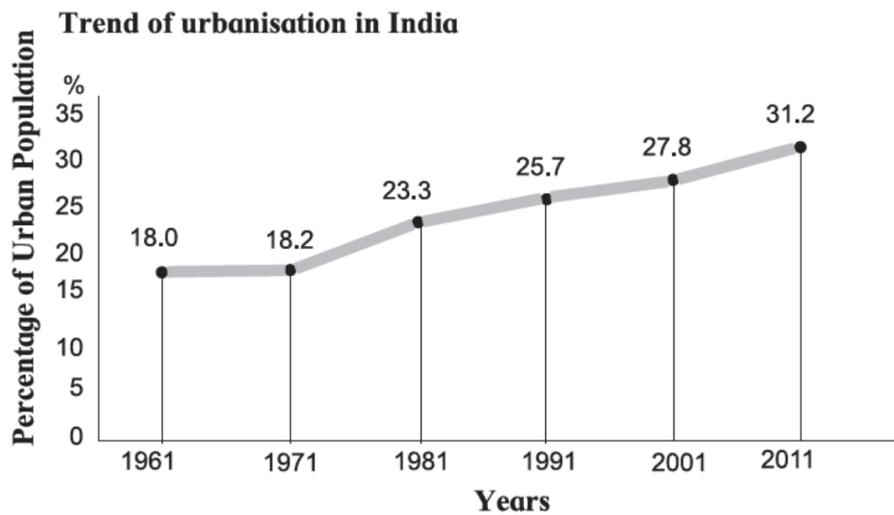
Ans.



- i. Favorable balance of trade.
 ii. 2010-11
 iii. 2010-11

OR

(B) Answer the following by reading the graph/diagram.



- What was the percentage of urbanization in 1961?
- In which decade was urbanization highest?
- In which decade was the growth of urbanization lowest?
- What inference can you draw regarding India's urbanization after reading the graph?
- What was the increase in percentage of urbanization in 1991 - 2001?
- Which decade witnessed the highest increase in the percentage of urbanization?

- Ans.**
- 18%
 - 2001- 2011
 - 1961-1971
 - a. Urbanization is taking place at a faster rate in India.
b. Population residing in urban areas in India, according to 1901 census, was **11.4%**.
c. This count increased to **28.53%** according to 2001 census, and crossing **30%** as per 2011 census, standing at **31.16%**.
 - 2.1%
 - 1971 - 81

Q.7 Answer the following in detail. (Any two)

(8)

- 1) Explain the location of both India and Brazil.

Ans. India : (i) India is located in the northern and eastern hemisphere of the earth.

(ii) Its located in the southern part of Asia continent.

Brazil: (i) some part of Brazil lies in the northern hemisphere but major part of Brazil lies in the southern hemisphere.

(ii) It lies in the western hemisphere, in the northern part of South America Continent.

- 2) What environmental issues are faced by Brazil and India?

Ans. **Brazil**

- Degradation of environment is happening due to illegal smuggling of wild animals, slash and burn agriculture (roka), deforestation, pollution, etc.
- Environmental issues in Brazil include deforestation in the Amazon basin, illegal wildlife trade, illegal poaching, air and water pollution, land degradation and water pollution caused by mining activities, wetland degradation and severe oil spills, among others.
- As the home to approximately 13% of all known species, Brazil has one of the most diverse collections of flora and fauna on the planet.
- Impacts from agriculture and industrialization in the country threaten this Biodiversity.
- As a developing or newly industrialized nation.
- Brazil is notable for taking a lead in environmentally friendly initiatives.
- In the field of biofuels, Brazil is the second-largest producer of ethanol in the world.
- It is also home to two sustainable cities.
- Nevertheless, environmental issues remain a major concern in Brazil.

India

- Many species of wild life are on the verge of extinction from India because of Poaching, pollution and rapid

occurring of deforestation.

2. Air pollution, water pollution, garbage and pollution of the natural environment are all challenges for India.
3. Nature is also causing some drastic effects on India.
4. The situation was worse between 1947 through 1995.
5. According to data collection and environment assessment studies of World Bank experts, between 1995 through 2010, India has made some of the fastest progress in addressing its environmental issues and improving its environmental quality in the world.
6. Still, India has a long way to go to reach environmental quality similar to those enjoyed in developed economies. Pollution remains a major challenge and opportunity for India.
7. Environmental issues are one of the primary causes of disease, health issues and long term livelihood impact for India.

3) Write short note on Amazon river basin.

- Ans.**
- i. This is the most extensive river system in the world.
 - ii. Its source is in the Eastern slopes of Andes mountains in Peru.
 - iii. Over two-thirds of the basin lies in the Brazil.
 - iv. The length of the river is 6400 kms.
 - v. The Amazon's total catchment area is 7,000,000 sq. kms.
 - vi. As the Amazon washes off the load supplied to it from the catchment, because of its sediments are not deposited even at the mouth.
 - vii. Amazon doesn't have delta region near its mouth, instead we find the series of islands. Marajo is the such island.
 - viii. The width of the river is almost 150 to 160 kms.