

1. Give the four-figure grid reference of the following: (3)
 - a. Arniwada
 - b. Pirojpura
 - c. Bantawada
2. Which is the most important settlement in the map? Give one reason for your answer. (2)
3. What do you think is the religion of the people in grid 4284? Give a reason to support your answer. (1)
4. Which drainage pattern is seen in the grid 4388? (1)
5. What kind of rainfall is received by this region? Give 2 evidences to support your answer. (3)
6. On which bank of the river Balaram Nadi is Karja Mota? (1)
7. State 2 manmade features in the grid 4185. (1)

SECTION B

- II. 1. Observe the climatic data table given below and answer the questions that follow: (3)

Month	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Temperature	25.0	25.5	26.3	27.1	30.0	36.2	36.0	35.9	30.3	28.4	27.0	24.6
Rainfall in cms	24.5	23.1	15.0	2.4	0.1	11.0	9.3	7.2	4.0	9.4	14.5	20.4

- a. What is the total annual rainfall? (1)
- b. Identify the hottest month. (1)
- c. Calculate the annual temperature range. (1)
2. Name any 2 sources of rainfall for Punjab and Haryana. (2)
3. Give a reason for each of the following: (2)
 - a. Rajasthan is a dry area.
 - b. The thunderstorms named Bardoli Chherha are very useful.
2.
 - a. Name the following: (3)
 - i. 2 crops that can be grown on coarse soils at higher levels in red soil.
 - ii. Any 2 crops grown in laterite soils.
 - iii. Any 2 crops grown in black soil.
 - b. What is known as strip cropping? (1)
 - c. Explain the method of terrace farming. (1)
 - d. Give a reason for each of the following: (2)
 - i. Khadar is more fertile than Bhangar soils.
 - ii. Laterite soil is acidic in nature.
3.
 - a. Name the following: (3)
 - i. Any 2 trees of littoral or tidal forests.
 - ii. Any 2 trees of mountain forests.
 - iii. Any 2 places in the Peninsular region where the mountain forests are found.
 - b. Give any 1 economical value of the following: (2)
 - i. Ber fruit
 - ii. Tropical deciduous forests (Moist)
 - c. Give a reason for each of the following: (2)
 - i. Babool trees have adapted themselves to survive in the drought like condition.
 - ii. The trees perpetuate the cycles of oxygen and carbon dioxide in the biosphere.

a. Explain the following :

i. Conduits.

ii. Unlined wells.

iii. Tubewells

b. State the advantages of sprinkler irrigation.

c. Give a reason for each of the following:

i. Tamil Nadu is benefitted by canal irrigation.

ii. Drip irrigation is more suitable for sandy soil.

(3)

(2)

(2)

(12)