

**Board of Studies DPS & Colleges Okara**

**Subject Social studies**

# E – Learning Project

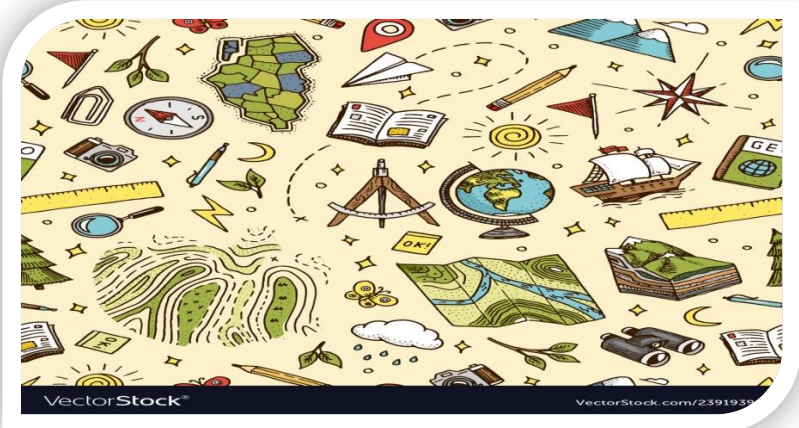
# Summer Task with Tutorial Links, Home Assignments, Work Sheets and Activities

**(Academic Session 2020-21)**

# Class: Four

**Student Name:** \_\_\_\_\_

**Father Name:** \_\_\_\_\_



## UNIT 1                      GEOGRAPHY

Date: 4<sup>TH</sup> August, 2020

Day: Tuesday

LESSON: 01                      THE EARTH IN SPACE                      (Book page. 2-3)

### Introduction about author:

“Nicholas Horsburgh” is an educational consultant and resource person. After completing his higher education abroad, he worked in close association with his father, David Horsburgh. He is author of several successful courses in English and Social Studies.

### Topic: Earth in space

Web link: <https://www.youtube.com/watch?v=r0aSyoiYmBY>

Introduction and understanding about earth in space:

☐ Earth is like a huge ball we call this shape a sphere. ☐ Astronauts have been into space in Spaceships. ☐ Satellites orbit the earth. ☐ The path of the Earth round the sun. ☐ Axis is an imaginary line running from the north to South Pole. ☐ Equator is an imaginary line that runs all the way round the middle of the earth. ☐ Hemisphere is the equator divides the earth into the Northern and Southern hemisphere.

Date: 5<sup>th</sup> August, 2020

Day: Wednesday

### ASSIGNMENT # 01

(unseen/contextual)

Question 01 Choose the correct option.

1. The earth is like a huge ball. We call this shape a \_\_\_\_\_.

- A) Sphere                      B) universe                      C) space probes                      D) none of these

2. The path of the earth round the sun is called \_\_\_\_\_.

- A) Axis                      B) Orbit                      C) Equator                      D) Space probes

3. An imaginary line passing through the north to the South Pole is called \_\_\_\_\_.

- A) Axis                      B) Orbit                      C) Equator                      D) Space probes

4. Hemi means \_\_\_\_\_.

- A) Hemisphere                      B) Orbit                      C) Axis                      D) Rotation

5. The earth is moving round the sun is called \_\_\_\_\_.

- A) Rotation                      B) Revolution                      C) Space probes                      D) Orbit

Question: 02 Fill in the blanks.

- \_\_\_\_\_ is the path of planet.
- \_\_\_\_\_ means half of the earth.
- A circular movement around another object is called \_\_\_\_\_.
- The earth is moving round the sun is called \_\_\_\_\_.
- The earth is like a huge ball. We call this shape a \_\_\_\_\_

**Date: 6<sup>th</sup> August, 2020**

**Day: Thursday**

**Topic: The effects of the rotation and revolution**

**(Book page. 4-5)**

**Of the earth:**

**Web link:** <https://www.youtube.com/watch?v=sMasAy37vKY>

**Introduction and understanding about “The effects of the rotation and revolution”**

- The rotation of the earth causes day and night.
- Places that are close to the equator are generally hot throughout the year.
- Maps need a clear title, scale and a key to help us to understand them.
- 21st June is the longest day of the year.
- 22nd December is the shortest day of the year.
- There are seven continents and five oceans in the world map.
- The moon is the Earth natural satellite; it revolves around the Earth.

**Date: 7<sup>th</sup> August, 2020**

**Day: Friday**

**ASSIGNMENT # 02 (unseen/contextual)**

**Question: 01 Choose the correct option.**

**1. The earth spins or rotates; from west to east on its axis is called\_\_\_\_\_.**

- A) Rotation                      B) Revolution                      C) Space probes                      D) Orbit

**2. The \_\_\_\_\_ of the earth causes day and night.**

- A) Rotation                      B) Revolution                      C) Space probes                      D) Orbit

**3. \_\_\_\_\_ is a spherical model of the earth.**

- A) Moon                      B) Satellites                      C) Space probes                      D) Globe

**4. \_\_\_\_\_ is the longest day of the year.**

- A) 22nd June                      B) 21st June                      C) 22nd December                      D) 21st December

**5. \_\_\_\_\_ is the shortest day of the year.**

- A) 22nd June                      B) 21st June                      C) 22nd December                      D) 21st December

**Question: 02 Fill in the blanks.**

1. \_\_\_\_\_ is a spherical model of the earth.
2. The \_\_\_\_\_ is the Earth natural satellite
3. \_\_\_\_\_ is the longest day of the year.
4. \_\_\_\_\_ is the shortest day of the year.
5. There are \_\_\_\_\_ continents and \_\_\_\_\_ oceans in the world map.

Date: 8<sup>th</sup> August, 2020

Day: Saturday

**Question 03 Match the following words with their meanings.**

**Web link:** <https://www.youtube.com/watch?v=tdgg8P-PWBU>

**Column A**

Astronaut  
Revolution  
Orbit  
Axis  
Equator  
Hemisphere  
Globe

**Column B**

An imaginary line round the middle of the earth.  
The path of the planet.  
Half of the earth.  
A circular movement around another object.  
A spherical model of the earth.  
An Imaginary line throughout the center of the earth  
A person trained to travel in a space craft.

Date: 10<sup>th</sup> August, 2020

Day: Monday

**Answer the following questions.**

**Web link:** <https://www.youtube.com/watch?v=Vy5R9ggJEmg>

**1. Describe the shape of Earth. What is this shape called?**

Answer: The Earth is like a huge ball. We call this shape a sphere.

Answer: \_\_\_\_\_

**2. Explain the difference between Rotation and Revolution.**

Answer: Rotation: The spinning movement of Earth on its axis is called Rotation. Revolution: The movement of Earth around the Sun is called Revolution.

Answer: \_\_\_\_\_

**3. How are the Season caused?**

Answer: Seasons re caused by revolution and rotation of Earth.

Answer: \_\_\_\_\_

**4. Where on the Earth surface is the sun hottest throughout the year?**

Answer: At the places that are close to the equator.

Answer: \_\_\_\_\_

**5. Explain what a globe and a map are and differences between them.**

Answer: Globe: A spherical model of Earth is called Globe. Map: A map is a drawing made to show an area of Earth. Difference: Globe is round and shows the whole world. 6. Map is flat and it can be a part or whole of the world.

Answer: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: 11<sup>th</sup> August, 2020

Day: Tuesday

## LESSON # 2: Our Country

Topic: Location and Neighbour.

Web link: [https://www.youtube.com/watch?v=Jo\\_Nbi3on6Q](https://www.youtube.com/watch?v=Jo_Nbi3on6Q)

Discussion and Understanding about location and neighbour of our country: (pg.8,9)

Outline:

- Our country is beautiful and has a variety of natural features.
- In the north there are high mountains with snowy peaks, glaciers, streams, bubbling waterfalls and icy lakes.
- Pakistan is the southern part of the continent of Asia.
- We share border with Iran in the west, Afghanistan in the north-west, China in the north-east and India in the east.
- In the south of Pakistan is the Arabian Sea.
- The population of Pakistan is over 207 million.
- The people of Pakistan follow different faiths, but the majority of the population is Muslim.

Date: 12<sup>th</sup> August, 2020

Day: Wednesday

## ASSIGNMENT # 03

(unseen/contextual)

Question: 01 Choose the correct option.

1. Pakistan is the \_\_\_\_\_ part of the continent of Asia.

- A. Northern                      B. Western                      C. Southern                      D. Eastern

2. In the \_\_\_\_\_ of Pakistan, there are high mountains with snowy peaks.

- A. North                      B. West                      C. South                      D. East

3. The population of Pakistan is over 207 million.

- A. 207million                      B. 208million                      C. 209million                      D. 210million

4. In the south of Pakistan is the Arabian Sea.

- A. North                      B. West                      C. South                      D. East

5. In the \_\_\_\_\_ there are high mountains with snowy peaks, glaciers, streams.

- A. North                      B. West                      C. South                      D. East

Question: 02 Fill in the blanks.

1. The people of Pakistan follow different faiths, but the majority of the population is \_\_\_\_\_.

2. We share border with \_\_\_\_\_ in the west.

3. We share border with \_\_\_\_\_ in the north-west.

4. Our country is beautiful and has a variety of \_\_\_\_\_.

5. In the south of Pakistan is the \_\_\_\_\_.

Date: 13<sup>th</sup> August, 2020

Day: Thursday

Topic: The landscape of Pakistan

(Book page.9, 10)

Web link: <https://www.youtube.com/watch?v=71hhpVHm0PU>

### Discussion and Understanding about Landscape of Pakistan.

#### Outline:

- In the central part of country there are wide plains with rich, fertile soil.
- The central part of country watered by the River Indus and its tributaries.
- The river Indus start in the Himalaya, is joined at Mithankot by the Jhelum, Chenab, Ravi, and Sutlej.
- Punjnad is the agricultural heartland of Pakistan.
- In the west there are mountains, but these are not as high as those in the north.
- There are no large rivers or lakes in the west but it has coastline along the Arabian sea.
- There are thousands of village in Pakistan.
- Villagers earn a living by working on the land.
- Villagers also make handicraft with locally produced materials.

Date: 15<sup>th</sup> August, 2020

Day: Saturday

#### ASSIGNMENT # 04

(unseen/contextual)

#### Question 01 Choose the correct option.

1. \_\_\_\_\_ is the agricultural heartland of Pakistan.  
A. Sindh                      B. Kashmir                      C. Baluchistan                      D. Punjab
2. The river Indus starts in the mountains of \_\_\_\_\_.  
A. Mount Everest      B. Himalaya                      C. K-2                      D. Karakoram
3. The central part of country watered by the \_\_\_\_\_.  
A. River Indus                      B. Himalaya                      C. Punjab                      D. Kashmir
4. There are \_\_\_\_\_ of village in Pakistan.  
A. hundreds                      B. thousands                      C. Million                      D. None of these
5. In the \_\_\_\_\_ there are mountains.  
A. North                      B. East                      C. West                      D. south

#### Question 02 Fill in the blanks.

1. \_\_\_\_\_ is the agricultural heartland of Pakistan.
2. \_\_\_\_\_ earn a living by working on the land.
3. Villagers also make \_\_\_\_\_ with locally produced materials.
4. The central part of country watered by the \_\_\_\_\_.
5. The river Indus start in the \_\_\_\_\_ is joined at Mithankot by the Jhelum

**Date: 17<sup>th</sup> August, 2020**

**Day: Monday**

**Answer the following questions.**

**Web Link:** <https://www.youtube.com/watch?v=r6RGjqxe9EE>

[https://www.youtube.com/watch?v=XFVR\\_fJy-qU](https://www.youtube.com/watch?v=XFVR_fJy-qU)

**1. Name the countries that share border with Pakistan?**

Answer: China, Iran, Afghanistan and India share a border with Pakistan.

Answer: \_\_\_\_\_  
\_\_\_\_\_

**2. Which sea lies to the south of Pakistan?**

Answer: The Arabian Sea lies to the south of Pakistan.

Answer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**3. Find out the name of main deserts in Pakistan.**

Answer: 1.Thal 2.Thar 3.Cholisthan 4.Kharan

Answer: \_\_\_\_\_  
\_\_\_\_\_

**4. Where do the tributaries of river Indus join it?**

Answer: At Mithankot

Answer: \_\_\_\_\_  
\_\_\_\_\_

**5. Where does the river Indus enter the sea?**

Answer: To the south of Karachi.

Answer: \_\_\_\_\_  
\_\_\_\_\_

**6. Where Is the agricultural heartland of Pakistan?**

Answer: Panjnad in the Southern Punjab

Answer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Date: 18<sup>th</sup> August, 2020**

**Day: Tuesday**

**Work page Lesson :02 our country**

**Web link:** <https://www.youtube.com/watch?v=5edAONheGew>

**A. Complete your fact file on Pakistan by adding the name of the provinces and the provincial capitals.**

Provinces:	Capital
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

**B. Look at the map of Pakistan on your book. Write down the names of:**

Five countries larger than Pakistan      Five countries smaller than Pakistan

1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____



**Date: 19<sup>th</sup> August, 2020**

**Day: Wednesday**

**Lesson 3: Climate**

**(Book page 19-21)**

**Web link: [https://youtu.be/azdv\\_ABxYHM](https://youtu.be/azdv_ABxYHM)**

**Introduction and understanding about climate and its effecting features:**

- Climate means the weather condition in a region over a long period of time.
- The climate of a place can be very hot as on the equator.
- Climate has a great effect on people's lives plant crops and on the land in an area.
- In Pakistan, some areas in Sindh and Baluchistan are hot throughout the year.
- Rainfall or humidity is a very important factor for climate and plant growth.
- The earth is surrounded by the atmosphere.
- Places close to the sea usually have cool breezes blowing from the sea towards the land.
- The monsoon is a seasonal wind that blows from June to September.
- In Pakistan the monsoon arrives in the summer.
- Winter rainfall is mainly in the north and west of the country.

**Date: 20<sup>th</sup> August, 2020**

**Day: Thursday**

**Assignment: 01 (unseen/contextual)**

**Question 1 Choose the correct option.**

1. \_\_\_\_\_ means the weather conditions in a region over a long period of time.  
A. Climate                      B. weather      C. both A&B                      D. None
2. In Pakistan, some areas in the \_\_\_\_\_ are hot throughout the year.  
A. Punjab                      B. Sindh                      C. both B & D                      D. Baluchistan
3. The \_\_\_\_\_ is surrounded by atmosphere.

- A. Environment      B. Earth      C. both B & D      D. Baluchistan

4. Forest attract\_\_\_\_\_.

- A. Rain fall      B. climate      C. Environment      D. Mountains

5. Monsoon is a seasonal wind that blows from\_\_\_\_\_ to September.

- A. May      B. August      C. January      D. June

6. In Pakistan the monsoon arrives in the

- A. summer      B. spring      C. Autumn      D. Winter

**Question 2 put a tick against true statement and a cross against the false ones.**

1. High areas are usually hot.
2. Cool breezes blow from the sea towards the land.
3. Deserts are very dry laces.
4. Forests do not receive much rainfall.
5. Places close to the sea are always very hot.
6. Pakistan has a very wet climate.


**Date: 21<sup>th</sup> August, 2020**

**Day: Friday**

**Question 3 Answer the following questions**

**1. What is the importance of climate for a region?**

Answer: Climate has great effect on people's lives, plants, crops and land.

Answer \_\_\_\_\_

**2. Which part of country is warmer?**

Answer: South of the country.

Answer \_\_\_\_\_

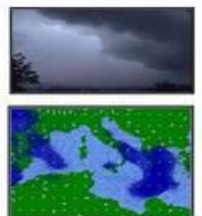
**3. Explain how the height of a place affects its climate?**

Answer: The climate is colder when we go to high places.

Answer \_\_\_\_\_

**Climatic Conditions**

As Pakistan is located on a great landmass north of the tropic of cancer, it has a continental type of climate characterized by extreme variations of temperature, both seasonally and daily. Very high altitudes modify the climate in the cold, snow-covered northern mountains. Whereas most regions have very hot days in summers & very cold in winters. Pakistan lies in monsoon region & frequent rainfalls & storms occur during the season causing large scale destruction every year.



**4. Why, do you think, is rainfall such an important factor for climate?**

Answer: **1.** It helps plants to grow.  
**2.** It cools the temperature.

Answer \_\_\_\_\_  
\_\_\_\_\_

**5. What effect does closeness to the sea have on the climate of a place?**

Answer: Closeness to the sea helps to keep the temperature of the place down hot in the summer months.

Answer \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**6. Give examples of the usefulness of weather forecasts.**

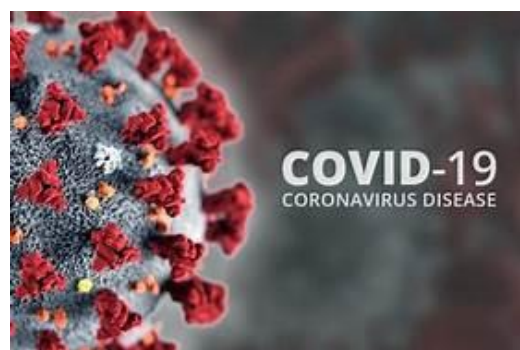
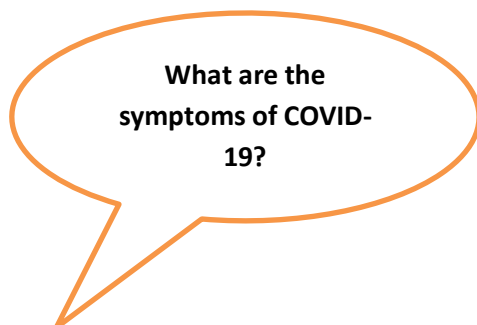
Answer: **Example 1.** If farmers know that there will be no rain, they can arrange water to their crops.  
**Example 2.** It also helps to decide what to wear and what to take with us when we go out.

Answer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Date:** 22<sup>th</sup> August, 2020

**Day:** Saturday

**Activity:**



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Date:** 24<sup>st</sup> August, 2020

**Day:** Monday

## **LESSON # 4: Land Forms**

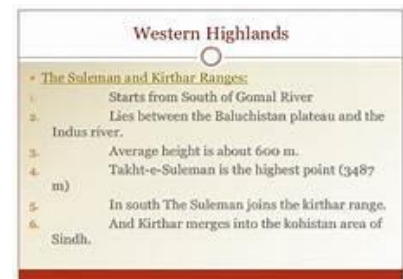
**(Book page 27-29)**

**Web link:** <https://youtu.be/GKGfmwfmdUY>

### **Introduction and understanding about Landforms and physical regions of Pakistan:**

#### **Outline:**

- Landform is a natural feature of earth surface.
- The earth consists of four layers.
- Crust is the upper most layer of earth.
- An earthquake can also cause a tsunami.
- There are two separate physical region of Pakistan; 1. The western highlands 2. The river Indus.
- The western highlands are situated in the west and north of the country.
- The extreme north is a mountainous region.
- The sub-Himalayas rise to a high of 600 to 1200 metres above sea level.
- The Lesser Himalaya is 1800 to 4600 metre high.
- The great Himalayas are 4600 metres high.
- Nanga Parbat in the Himalayan range is the second highest peak in Pakistan.
- K-2 at 8611 metres is the second highest peak in the world.
- The Karakorum highway is the eighth wonder of the world.
- The Karakorum highway connects Pakistan and China.



**Date:** 25<sup>th</sup> August, 2020

**Day:** Tuesday

## **Assignment: 02      (unseen/contextual)**

**Question 1** Choose the correct option

**1. The great Himalaya is \_\_\_\_\_ meters high.**

- A. 8611                      B. 8161                      C. 6400                      D. 4600

**2. Mount Godwin Austen is the \_\_\_\_\_ highest peak in the world.**

- A. First                      B. second                      C. third                      D. Fourth

**3. The \_\_\_\_\_ highway connects Pakistan and China.**

- A. Karakorum                      B. K-2                      C. both a & b                      D. None

**4. The \_\_\_\_\_ highway is known as eighth wonder of the world.**

- A. K-2                      B. Mount Everest                      C. both a & b                      D. Karakoram

**5. The Khyber Pass links \_\_\_\_\_ with Kabul.**

- A. Quetta                      B. Karachi                      C. Peshawar                      D. Sahiwal

**The mighty river Indus is about \_\_\_\_\_.**

- A. 2600km                      B. 2900km                      C. 2700km                      D. 2800km

**2. River Indus starts high up in the Himalaya Mountains near a lake called \_\_\_\_\_.**

- A. Potohor plateau                      B. Mansorwar                      C. Tibet                      D. Kalabagh

**3. The Indus turns south at a point about \_\_\_\_\_ north of Islamabad.**

- A. 600km                      B. 400km                      C. 200km                      D. 100km

**4. About 650km before the Indus reaches the \_\_\_\_\_.**

- A. Jhelum                      B. Chenab                      C. Ravi                      D. Arabian Sea

**5. \_\_\_\_\_ carry the river water too many places in the planes.**

- A. Streams                      B. Canals                      C. sea                      D. None of these

**6. Most of our big cities and towns are in the \_\_\_\_\_.**

- A. Streams                      B. Indus planes                      C. deserts                      D. River

**7. Other great river of the Punjab flow together before joining the Indus at \_\_\_\_\_.**

- A. Mithankot                      B. Gilgit                      C. Hunza                      D. Tibet

**8. About \_\_\_\_\_ kilometres before the Indus reaches the Arabian sea.**

- A. 650                      B. 750                      C. 850                      D. 950

**9. A \_\_\_\_\_ is the lowland area between mountains or hills.**

- A. deserts                      B. plants                      C. Valley                      D. hills

**Date:** 26<sup>th</sup> August, 2020

**Day:** wednesday

**Q: 2 (A)** look up these words in dictionary and write down their meanings:

**Web link:** <https://youtu.be/WaWugcu2pWk>

1. Glacier:

---

2. Pass:

---

3. Valley:

---

4. Plateau:

---

5. Delta:

---

6. Basin:

---

7. Tributary:

---

8. Gorge:

---

**Answer key:**

1. A glacier is a mass of ice snow that slowly moves down mountain slopes.
2. A pass is a natural route through mountains to transport people and goods.
3. A low area between hills or mountains
4. An area of fairly level high ground.
5. A delta is a triangle alluvial tract of land at the mouth of a river.
6. A basin is a bowl-shaped tract of land drained by a river and its tributaries.
7. A tributary is a branch of a large river.
8. A gorge is a steep, narrow valley or ravine.

(B) There are some important lakes in Pakistan. Find out their names and location. one example is given below.

Student activity

Name	Location
Lake Saif-ul-Mulook	Kaghan

**Date:** 27<sup>th</sup> August, 2020

**Day:** Thursday

#### Climatic zones of Pakistan

- **Highland Zone:**
- **Region:** Northern, north western and western highlands.
- **Areas:** Chitral, Murree, Muzaffarabad, Drosh, Quetta, Kalat, Parachinar, Waziristan
- **Climate:** the winters are long, cold and snowy and summers remain short and mild
- Rainfall is normally associated with altitude. Rainfall in Northern Mountain is highest in the highland zone. Rainfall in the western mountain is less
- The temperature conditions also vary from north to west depending on the altitude.

**Q: 3 Answer the following questions.**

**1. In which Provinces, will you find western highlands?**

Answer: In all the provinces of Pakistan, Punjab, Sindh, K.P.K, Baluchistan, Gilgit Baltistan.

Answer: \_\_\_\_\_

**2. Which is the highest peak in Pakistan? How high is it? Where is it located?**

Answer: K-2 is the highest peak in Pakistan.

It is 8611 meters high.

It is located in Karakoram Range.

Answer: \_\_\_\_\_

**3. Name the main mountain passes found in Pakistan.**

Answer: 1.Khyber Pass 2.Khunjerab Pass 3.Khojak Pass 4.Karakoram Pass

Answer: \_\_\_\_\_

**4. Where does the river Indus start?**

Answer: It starts high up in the Himalaya Mountains.

Answer: \_\_\_\_\_

**Date:** 28<sup>th</sup> August, 2020

**Day:** Friday

**Q: Answer the following questions.**

**5. Which area is the most populated? Why?**

Answer: The most populated area is the Indus Plains because of its best agricultural land.

Answer: \_\_\_\_\_  
\_\_\_\_\_  
—

**6. How are some areas of the country supplied with water?**

Answer: Canals carry the river water to many areas.

Answer: \_\_\_\_\_  
\_\_\_\_\_

**7. In Which part of Pakistan do you find deserts? Why?**

Answer: The deserts are found along the eastern border of Pakistan and in the south-eastern part.

Answer: \_\_\_\_\_  
\_\_\_\_\_

**8. How are valleys formed?**

Answer: Valleys are formed by fast flowing water or movement of glaciers.

Answer: \_\_\_\_\_  
\_\_\_\_\_

**Date:** 31<sup>th</sup> August, 2020

**Day:** Monday

***Lesson # 5 Land use: farming and forests* (Book page 36-38)**

**Web links:** <https://youtu.be/0he7mH5Dka4>

**Introduction and understanding about soil and agriculture:**

- The agricultural and industry depend on the kind of soil.
- In some places, no crops can be grown because of the shortage of rain and water and soil is poor.
- There are huge glaciers covering the ground in some part of northern area.
- In the south, there is the delta of the river Indus.
- There are desert areas in the east and west of Pakistan.
- The most fertile soil is called alluvial soil.
- Alluvial soil found in the snowy the plains around the great rivers



- In the mountains, the rivers are fast flowing they break up the rocks and cut through the earth. This is called erosion.
- The Topsoil is usually fertile and good for crops.
- The Khyber Pass link Peshawar with Kabul.
- A very important part of farming is livestock farming.