

NCERT SOLUTIONS

CLASS - 5th



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Q1 Why were bastions made In the fort wall ?

Answer. Bastions were made in the front wall to ensure security of the fort.

Page : 88 , Block Name : Think

Q2 Why were big holes made in them?

Answer. Big holes were made in them to increase the viewing area and thus the soldiers peeping through it could have a better vigilance.

Page : 88 , Block Name : Think

Q3 What difference would be there If you were to look from a straight flat wall or a bastion at a height? How would the soldiers find peeping from the holes In the bastions useful while attacking?

Answer. Bastions are made in such a manner that soldiers can peep through its holes safely and can have a better vantage point is not possible in case of a straight flat wall.

Page : 88 , Block Name : Think

Q1 How would the fountains that have worked?

Answer. Fountains would have run through the water supplied by large tanks.

Page : 89 , Block Name : Think And Discuss

Q2 What arrangements would have been made in the building for air and light?

Answer. Large windows, doors and ventilators would have been for air and light.

Page : 89 , Block Name : Think And Discuss

Q3 Look carefully at the picture of the beautiful carving on the wall.



What kind of tools would have been used for such fine carving?

Answer. Chisel and hammer made up of iron would have been used for such fine carving.

Page : 89 , Block Name : Think And Discuss

Q4 We still do not have any electricity at many places in our country. Even at places which do not have electricity, imagine what would happen if there were no electricity for one week. What are the things that would be difficult to manage without it?

Answer. If there is no electricity in our city, there would be great scarcity of water. We would not be able to use TV , computers etc. Even the mobile phone would not work. Work in offices etc. cannot be possible either. In other words, life will come to a stand-still.

Page : 89 , Block Name : Think And Discuss

Q1 At the place you are where does the sunrise? Where does it set? Where you are standing, And out what all there to your east? What all is there to your west? Also find out, what places are to you north and south?

Answer. Sun rises in the east and sets in the west. Right now I am standing in my classroom and from here the main gate of the school is in the east and playground is in west. In the north, there are other classrooms and in the south there is the administrative block.

Page : 90 , Block Name : Where Is East-West

Q1 Look carefully at the map of Golconda. On the map, arrows show all the four directions.

If you are peeping inside from Bodn Darwaja, In which direction from you is Katora Hauz ?



Answer. Katora Hauz is in north of Bodli Darwaja.

Page : 90 , Block Name : Tell And Write

Q2 If someone is entering from Banjara Darwaja, In which direction from here Is Katora Hauz?

Answer. In west direction

Page : 90 , Block Name : Tell And Write

Q3 In which direction will you walk from Bala Hissar to reach Moti Mahal?

Answer. If we walk in the east of Bala Hissar, we will reach Moti Mahal.

Page : 90 , Block Name : Tell And Write

Q4 How many gates can you see on the outer walls of the fort?

Answer. There are nine gates on the outer walls of the fort.

Page : 90 , Block Name : Tell And Write

Q5 Count how many palaces are there in the fort ?

Answer. There are three palaces in the fort.

Page : 90 , Block Name : Tell And Write

Q6 What arrangements for water can you see inside the fort? For example, wells, tanks, step wells.

Answer. For water, five baolis and three hauz have been made. On the map 1 cm distance is equal to a distance of 110 meters on the ground.

Page : 90 , Block Name : Tell And Write

Q7 On the map the distance between Bala Hisar and Fateh Darwaja is 8 cm. On the ground the distance between the two would be 880 meter.

Answer. 8 , 880 meter.

Page : 90 , Block Name : Tell And Write

Q8 How far is Makai Darwaja from Fateh Darwaja?

Answer. About 1000 meters.

Page : 90 , Block Name : Tell And Write

Q1 Have you recently read or heard about any country attacking or going to war with another country ?

Answer. Yes recently I heard that United States has attacked Iraq.

Page : 93 , Block Name : Discuss

Q2 Find out what was the reason this war?

Answer. The States wanted to topple the Iraqi president Saddam Hussain.

Page : 93 , Block Name : Discuss

Q3 What kinds of weapons were used in this war?

Answer. In this war, many sophisticated fighter planes tanks, helicopters, machine guns, explosive etc.

Page : 93 , Block Name : Discuss

Q4 What kind of destruction was caused because of this?

Answer. There was a huge of life and property. Many people were killed and a large of buildings etc. were ruined.

Page : 93 , Block Name : Discuss

Q1 Have you seen anything made of bronze? What?

Answer. Yes, I have seen idols , medals, cannon and decorative goods made up of bronze.

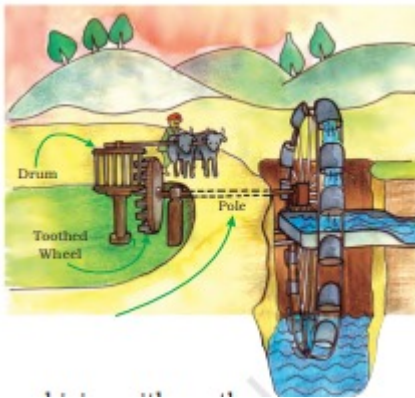
Page : 93 , Block Name : Find Out

Q2 Find out from your elders about some of the things made from bronze that were, or are still used in your house. From its color try to identify which one of them is made from copper, which from brass, and which from bronze?

Answer. There are many idol and decorative goods. which are still used in our house. Goods made up of copper are of reddish-brown in color, brass goods are yellow while those made up of bronze are shiny grey black in color.

Page : 93 , Block Name : Find Out

Q1 The picture shown here is made after seeing a very old painting or those times. Can you think why bullocks have been used here?



Answer. Bullocks are used to uplift the water.

Page : 94 , Block Name : Arrangements For Water

Q2 Use your hand movement to show in which direction In the drum attached on the rod moves when the bullock move ?

Answer. The drum will move in anticlockwise direction.

Page : 94 , Block Name : Arrangements For Water

Q3 Now Imagine, how would this garland of pots lift water from the well?

Answer. The bullocks move the drum, which in turn moves the wheel. From this wheel garland wheel is through a rod. So as the toothed wheel moves, it rotates the garland wheel and thus water is lifted from the well.

Page : 94 , Block Name : Arrangements For Water

Q4 Do you now get some Idea about how the tanks could have been filled by lifting water from the wells?

Answer. Yes, the tanks could have been filled up by lifting water from the wells using this technique.

Page : 94 , Block Name : Arrangements For Water

Q5 Where else have you seen such wheels attached to each other? For example, In the gear of a cycle or somewhere else?

Answer. Besides cycles, I have seen such attached wheels in old mechanical watches, clock, sewing machine, generators and in heavy machines.

Page : 94 , Block Name : Arrangements For Water

Q6 Look around and find out how water is pumped up from the ground to higher

Answer. These days water is pumped up using boring machines, windmill etc. Somewhere, especially in villages, traditional methods like using bullocks are also used.

Page : 94 , Block Name : Arrangements For Water

Q7 How is water pumped up using electricity ? How is water lifted without electricity?

Answer. The electric machine absorbs underground water through tube well and pumps it up. Without electricity, water can be lifted using buckets and ropes, windmill and also using bullocks.

Page : 94 , Block Name : Arrangements For Water

Q1 What is the Sultan doing in the palace ? What kind of clothes is he wearing? What dishes are being offered to him? But why does he seem so worried? And in what language is he talking?

Answer. Sultan is in a meeting with his ministers. He has worn an elegant dress and many jewels. Many types of sweet drinks and Mughlai foods are being offered to him. But he seems worried due to the invasion of enemies on the fort. He is talking in Persian.

Page : 94 , Block Name : Close Your Eyes And Go Back In Time

Q2 Imagine the rooms in the palace, the beautiful carpets and curtains, the fountains on the terrace. And the sweet smell of roses and chameli, where is it coming from?

Answer. The palace is looking grand. The rooms are decorated by beautiful carpets and curtains. Fountains are running on the terrace. Sweet smell of roses and chameli are coming from the garden.

Page : 96 , Block Name : Close Your Eyes And Go Back In Time

Q3 What are the different kinds of factories you can see? How many people are working there? What are they doing? What are they wearing? How long do you think they work.

Answer. I can see the factories of clothes, utensils, idols, decorative goods and arms. On an average 20 people are working there. They are preparing the goods and have worn tight clothes. I think they would work from early morning to late in the evenings.

Page : 94 , Block Name : Close Your Eyes And Go Back In Time

Q4 Look there! See how finely those craftsmen are carving the stones using a chisel and hammer? Can you see the stone dust in the air? Do you think this stone dust would harm them in the same way?

Answer. No, this stone dust must not be causing any harm to them as they have wrapped a cloth around their nose and mouth.

Page : 94 , Block Name : Close Your Eyes And Go Back In Time

Q1 What kinds of pots have you seen around you?

Answer. I have seen made up of steel, iron, brass, glass, fiber, aluminum and plastics

Page : 97 , Block Name : Write

Q2 Try to and out from your grandparents about the other kinds of pots and pans they used In their time?

Answer. In the time of our grandparents pots and pans made up of brass, clay, iron copper were used.

Page : 97 , Block Name : Write

Q3 Have you ever been to some museum or heard about it? What a" the things are there In a museum?

Answer. Yes, once I visited a museum. Antiques of historical importance are kept in a museum.

Page : 97 , Block Name : Write

Q1 Is there any old building or monument near house which people come to see? If yes, name It.

Answer. Yes, there a tomb near my house. Many people come to see

Page : 97 , Block Name : Survey And Write

Q2 Have you ever gone to see an old monument? Which was that? Did you feel it told you a story? What could you know about these time form it?

Answer. Yes, once I went to Agra to see Taj Mahal. I felt as if it was telling the story of its time. We could know about the culture, art, sculptures etc. of that time from it

Page : 97 , Block Name : Survey And Write

Q3 How old was it? How did you know?

Answer. It was about 350 years old. I came to know if from my history books. It was also mentioned on the inscription over there.

Page : 97 , Block Name : Survey And Write

Q4 What was it made of?

Answer. It was made up of marbles.

Page : 97 , Block Name : Survey And Write

Q5 What color was it?

Answer. It was of white color.

Page : 97 , Block Name : Survey And Write

Q6 Were there any special kind of designs on the old building ? Draw them In your notebook.

Answer.



Page : 97 , Block Name : Survey And Write

Q7 Who used to live there In the olden days?

Answer. Nobody used to live there.

Page : 97 , Block Name : Survey And Write

Q8 What kinds of activities took place there?

Answer. Taj Mahal is a tomb where graves of Mughal emperor Shahjahan and his wife Mumtaz Mahal are based.

Page : 97 , Block Name : Survey And Write

Q9 Do some people still live there?

Answer. Nobody lives there.

Page : 97 , Block Name : Survey And Write

Q1 What kinds of work are people doing?

Answer. People are seen affixing bricks, carrying goods and water etc. for constructing.

Page : 98 , Block Name : Look At The Painting And Tell

Q2 How many men and women were working?

Answer. Thirty-six men and four women are working.

Page : 98 , Block Name : Look At The Painting And Tell

Q3 See, how they are taking the huge pillar up along the slope? Is It easier to lift a heavy thing straight up or along a slope?

Answer. It is easier to lift a heavy thing along a slope.

Page : 98 , Block Name : Look At The Painting And Tell

Q4 Were you able to see the man carrying water in a mashak (leather bag)?

Answer. Yes, I can see n.

Page : 98 , Block Name : Look At The Painting And Tell

Q1 Sangeeta thinks it is useless to keep old things in a museum. How would you convince her that It Is important to have a museum?

Answer. From the antiques kept in museum, we came to know about our culture and heritage. It helps us to know about our culture, art and literature, science and technology etc. and we can learn a lot of these. So, it is very important to have a museum.

Page : 98 , Block Name : What We Have Learnt

Q2. Why do you think the chapter Is named, "Walls Tell Stories"?

Answer. It is because every historical structure is a witness of their art, culture science and technology and thus appears to tell the stories of that time.

Page : 98 , Block Name : What We Have Learnt