

## CHAPTER -3

### A Trip to Bhopal

#### **2MARK QUESTIONS**

**Q1.**Do we need 4 buses? One bus can take 50 children, 4 buses can take  $50 \times 4$  .....

**Answer:**

If one bus can take 50 children, 4 buses can take  $50 \times 4 = 200$  children.

**Q2**So, there are a total of \_\_\_\_\_ children going.

**Answer:**

Number of children going on the trip =  $33 + 32 + 42 + 50 + 53$   
 $= 210$

Hence, there are a total of 210 children going on the trip.

**Q3.**If they get 4 buses, how many children will get seats?

**Answer:**

Total number of seats in 4 buses = Number of seats in a bus  $\times 4$   
 $= 50 \times 4$   
 $= 200$

Hence, 200 children will get seats if they get 4 buses.

**Q 4.**Will there be any children left without seats?

**Answer:**

Number of students = 210

Number of students who got seats = 200

So,  $210 - 200 = 10$  children

Therefore, 10 children are left without seats.



**Q5.Each minibus can take 35 students. How many minibuses are needed?**

**Answer:**

Total number of students going on the trip = 210

Number of students that one minibus can take = 35

Required number minibuses to take 210 students =  $210 \div 35$   
= 6

Therefore, 6 mini buses are required.

**Q6.If we don't stop anywhere, we should reach there in 2 hours, that is around \_\_\_\_\_ O' clock.**

**Answer:**

Around 11 O'clock

**Q7.If they go to Bhimbetka, they will reach there**

- Before 10 O'clock
- Between 10 O'clock and 11 O'clock
- After 11 O'clock

**Answer:**

If they go to Bhimbetka, they will reach there between 10 O'clock and 11 O'clock

Can't say.

toria — It must be more than half a kilometre.

Asha — Look, it is written – 'This bridge is 756.82 metres long'. So we can guess that the Narmada must be about 500 metres wide at this place.



**Q 8.Was Victoria right?**

**Answer:**

We know that

$$1 \text{ km} = 1000 \text{ m}$$

$$0.5 \text{ m} = 500 \text{ m}$$

The bridge is 756.82 metres long.

So, 756.82 is more than half a kilometre.

Hence, Victoria was right.

**Q9.Have you ever crossed a long bridge? About how many metres long was it?**

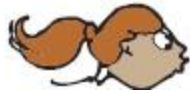
**Answer:**

Yes, I crossed a long bridge. It was about 756.82 metres long.

Everyone looks down at the river.

Mr. Rakesh — The water level now is quite low. It must be a 40 metres below the bridge.

Ms. Asha — But in the rainy season, the water had risen. ' it was just about 15 metres below the bridge.



**Q10.** What is the difference between the water level of the Narmada in the rainy season, and now?

**Answer:**

The difference between the water level of the Narmada in the rainy season and now =  $40 - 15$

= 25 metres

Hence, the water level between the rainy season and now in Narmada is 25 metres.

**Q11.** Each bus takes about 15 minutes to refill, and there are two buses to be

Suddenly, the bus stops with a jerk.

Oh! The petrol pump. Two buses need to be refilled.

The buses stand in a line. Children are sticking their necks out to see how diesel is filled in the bus. Some children have got down to look more closely.

refilled. So they stop there for about \_\_\_\_\_ minutes, which means they are late by about \_\_\_\_\_ minutes.

**Answer:**

Time taken to refill 1 bus = 15 minutes

To refill 2 buses =  $2 \times 15$

= 30 minutes

So, they stop there for about 30 minutes, which means they are late by about 30 minutes

**Q12.Look in the picture and find the price of 1 litre of diesel**

**Answer:**

The total quantity of diesel filled = 100 litres

The cost of 100 litres of diesel = Rs 3500

Hence, 1 litre of diesel =  $3500 \div 100 = 35$

Therefore, the cost of 1 litre of diesel is Rs 35.

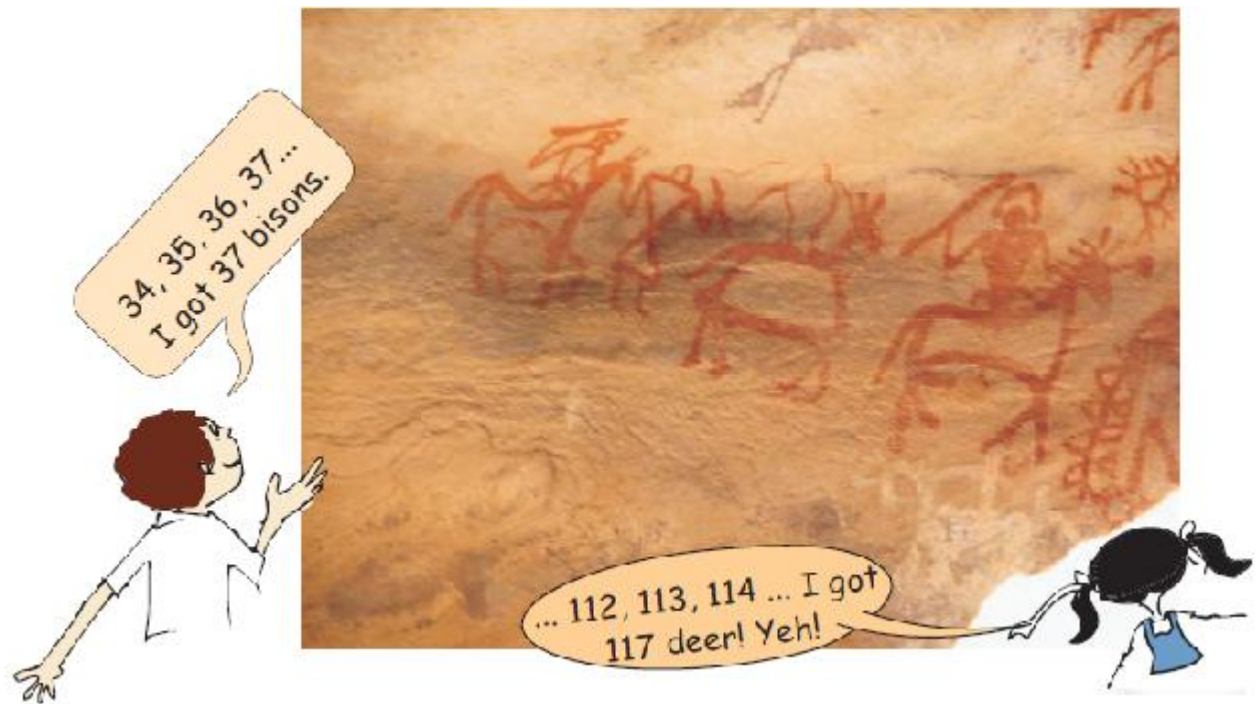
As the buses are being refilled, some children go to the toilet near the petrol pump.



**Q13.How much time did Aman take to come out of the toilet?**

**Answer:**

Aman took 15 minutes to come out of the toilet



**Q14. How many more deer are there than bison?**

**Answer:**

Number of deer = 117

Number of bison = 37

Number of deer more than bison = Number of deer – Number of bison

=  $117 - 37$

= 80

So, there are 80 more deer than bison.

**Q15. How many people must Bonomala have counted?**

**214 / 154 / 134 / 177**

**Answer:**

Total number of animals = 117 deer + 37 bison

= 154

The number of people given is less than 200. So, the number of people must be greater than 154 but less than 200.

Hence, Bonomala must have counted 177 people.



**5 MARK QUESTIONS**

**Q1.They have spent 1 hour there. What time is it?**

**Answer:**

It is given that they reached Bhimbetka at 11 O'clock.

So, 11 O'clock + 1 hour = 12 O'clock

Therefore, it is 12 O'clock.

**Q2.They are now moving towards Bhopal. They should reach there in less than 1 hour, at about \_\_\_\_\_ O'clock.**

**Answer:**

At 12 O'clock, they leave from Bhimbetka. They are now moving towards Bhopal. Thus, they should reach there in less than 1 hour, i.e., at about 1 O'clock.



**Q3.Each child is to be given 1 orange, 1 banana and 5 biscuits. All the children take oranges and biscuits, but 38 children do not take bananas. How many oranges, biscuits and bananas are distributed?**

**Answer:**

The total number of students going on a trip = 210

Each student was given 1 orange, 1 banana and 5 biscuits.

Hence, the total number of oranges distributed to 210 students =  $1 \times 210 = 210$

38 students refused to take bananas. Then, the total number of students who took bananas =  $210 - 38$

= 172

Therefore, the total number of bananas distributed to 210 students =  $210 \times 5$

= 1050

Thus, 210 oranges, 172 bananas and 1050 biscuits were distributed among all the students going on the trip

**Q4. Tell me the number, which is exactly between 100 and 150**

**Answer:**

125 is the number, which is exactly between 100 and 150

**Q5. I gave four toffees each to four of my friends, and three toffees were left with me. How many toffees did I have?**

**Answer:**

Given, the number of toffees given to 4 friends = 4

The number of toffees left with me = 3

The total number of toffees = The number of toffees I gave to my 4 friends +  
The number of toffees left with me

$$= 4 \times 4 + 3$$

$$= 16 + 3$$

$$= 19 \text{ toffees}$$

Therefore, the total number of toffees I have = 19 toffees

**Q6. What number can you make using 3, 5 and 7? You can make 357 and 537. What others?**

**Answer:**

The other number made using 3, 5 and 7 are 375, 573, 735 and 753.

**Q7. A number becomes double if it is increased by 8. What is the number?**

**Answer:**

$$8 + 8 = 16, \text{ which is the double of } 8.$$

Therefore, the number will be 8.

**Q8. Think of a number which can be divided by 2, 3 and 5 and comes between 25 and 50.**

**Answer:**

The numbers between 25 and 50 that are divisible by 2 are 26, 28, 30, 32, 34, 36, 38, 40, 42, 46 and 48.

The numbers between 25 and 50 that are divisible by 3 are 27, 30, 33, 36, 39, 42, 45 and 48.



The numbers between 25 and 50 that are divisible by 5 are 30, 35, 40 and 45.

Hence, the smallest number between 25 and 50 that can be divisible by 2, 3 and 5 is 30.

**Q9.** A small ant climbs 3 cm in 1 minute but slips down 2 cm. How much time will it take to climb to 2 cm?

**Answer:**

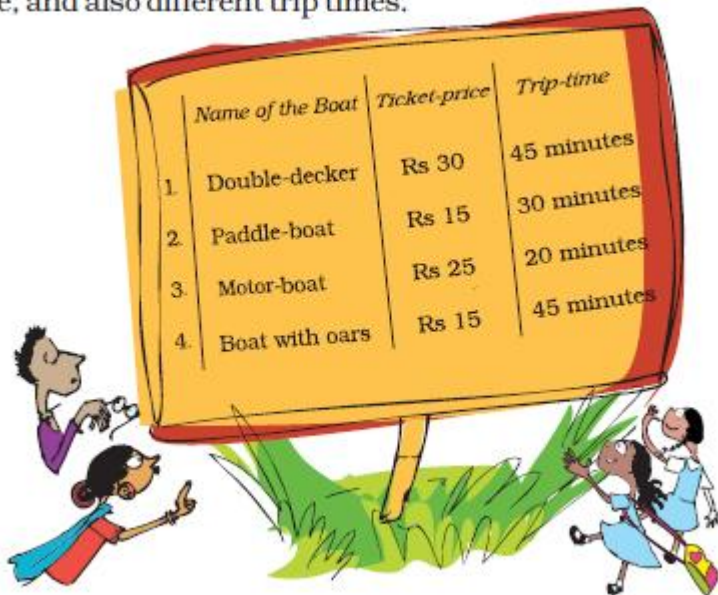
Given that the small ant climbs 3 cm in 1 minute and slips down 2 cm.

Hence, the distance covered by the ant in 1 minute =  $3 - 2$

= 1 cm

Therefore, the ant will take 2 minutes to cover a distance of 2 cm.

There are different kinds of boats. Each has a different ticket price, and also different trip times.



	Name of the Boat	Ticket-price	Trip-time
1.	Double-decker	Rs 30	45 minutes
2.	Paddle-boat	Rs 15	30 minutes
3.	Motor-boat	Rs 25	20 minutes
4.	Boat with oars	Rs 15	45 minutes



**Q10. Indra and Bhanu first went in the motorboat and then took the oar boat.**

**How much did they pay for both boats? Rs \_\_\_\_\_**

**How much time did they get for both rides? \_\_\_\_\_**

**Answer:**

The total money Indra and Bhanu paid for the motor boat = Rs 25 + Rs 25 = 50

Money paid by them for the oar boat = Rs 15 + Rs 15 = Rs 30

The total money Indra and Bhanu paid for the motorboat and the oar boat = Rs 50 + Rs 30 = Rs 80

Time for the motorboat ride = 20 minutes

Time for the oar boat ride = 45 minutes

Total time for both the rides = 20 + 45 = 65 minutes

**Q11. One group of children went for the double-decker trip. They paid Rs 450 in total. How many children went on the double-decker trip?**

**Answer:**

Money spent by the group of children for the double-decker trip = Rs 450

The amount paid for the double-decker trip per child = Rs 30

The number of children who went on the double-decker trip = Total rupees paid / Ticket price per child

= Rs 450 / 30

= 15 children

**Q12. Which boat makes two trips in 1 hour?**

**Answer:**

We know 1 hour = 60 minutes

From the table, the paddle boat takes 30 minutes to complete a trip. Hence, the paddle boat will take 2 trips in 60 minutes, i.e., 1 hour.

**Q13. Which boat takes less than half an hour to complete a trip?**

**Answer:**

We know half an hour = 30 minutes

From the table, the motorboat takes 30 minutes to complete a trip. Hence, the motorboat takes less than 30 minutes to complete a trip.

**Q14. Which boat gives them the most time taking the least money?**

**Answer:**

From the table, we come to know that the least money, i.e., Rs 15, is charged by the paddle boat and the oar boat. Here, the oar boat trip gives more time compared to that given by the paddle boat for the same amount. Therefore, the oar boat gives the most time taking the least money.

**Multiple-Choice Questions (MCQs):**

**Q1.Bhopal is the capital city of which Indian state?**

- A) Maharashtra**
- B) Madhya Pradesh**
- C) Rajasthan**
- D) Gujarat**

**Answer:** B) Madhya Pradesh

**Q2.Which famous lake is located in Bhopal?**

- A) Dal Lake**
- B) Fatehsagar Lake**
- C) Upper Lake**
- D) Pichola Lake**

**Answer:** C) Upper Lake

**Q3.The city of Bhopal is known for its:**

- A) Deserts**
- B) Mountains**
- C) Lakes and greenery**
- D) Beaches**

**Answer:** C) Lakes and greenery

**Q4.What is the name of the historical fort in Bhopal?**

- A) Jaigarh Fort**
- B) Gwalior Fort**
- C) Bhopal Fort**
- D) Mehrangarh Fort**

**Answer:** C) Bhopal Fort

**Q5.Which is a famous mosque in Bhopal known for its architectural beauty?**

- A) Jama Masjid**
- B) Taj-ul-Masajid**
- C) Fatehpuri Masjid**
- D) Mecca Masjid**

**Answer:** B) Taj-ul-Masajid

**Fill in the Blanks:**

**Q1.**Bhopal is often referred to as the "City of \_\_\_\_\_."

**Answer:** Lakes

**Q2.**The Upper Lake in Bhopal is also known as \_\_\_\_\_.

**Answer:** Bhojtal

**Q3.**One can explore the rich history and culture of Bhopal at the \_\_\_\_\_ Museum.

**Answer:** State

**Q4.**The traditional cuisine of Bhopal includes delicious dishes like \_\_\_\_\_ and Poha.

**Answer:** Biryani

**Q5.**A must-visit place for nature lovers in Bhopal is the Van Vihar National \_\_\_\_\_.

**Answer:** Park