

Vocabulary

V. 1 Choose the most appropriate meaning for the underlined words.

1. A uniformed guard knows Suresh and salutes him.

(a) recognizes (b) admires (c) misses (d) known

2. The mission is charged by Command Head Quarters.

(a) expelled (b) dismissed (c) assigned (d) in charge

3. The enemy planes turn away and disappear.

(a) go up (b) go back (c) vanish (d) reappear

4. The MiGs are fast approaching the aim.

(a) mark (b) target (c) sign (d) point

V. 2 Match A with B. Write the number from 'A' in the boxes .

A	B	
1. buildings for soldiers to live in	hostile	[6]
2. a unit of an air force	enemy	[8]
3. a person in command	compass	[5]
4. an instrument for measuring angles	barrack	[1]
5. an instrument containing a pointer which shows the direction accurate		[7]
6. having to do with a military enemy	squadron	[2]
7. reaching an intended target	commander	[3]
8. a person who is hostile to you	protractors	[4]

V. 3 With the help of a dictionary, learn the meaning of the words and also list the sentences from the text wherein these words are used.

(hostile, accelerate, supply, identification, due to, release, procedure, accurate, maintain, visibility)

(1) He will lead a two-plane formation against 'enemy' 17th Armoured Brigade of a hostile (unfriendly) country.

(2) Once permission received, the two pilots accelerate (speed up) the runway.

(3) He climbs into his seat, connects his oxygen supply (source) and radio.

(4) There are maps and identification (recognition) charts on the wall.

(5) As they rise up to 450 metres, Tyagi's plane rocks violently due to (because of) air bumps.

(6) Kukee sees the target, an 'enemy' tank and he releases (leaves) the bomb.

(7) This is a perfect opportunity to rehearse attack procedures (methods) and bomb aiming.

(8) There was a strong wind therefore they released the bombs earlier, but with accurate (exact) calculations.

(9) He also sees that all the pilots in his squadron maintain (keep up) this proficiency.

(10) Visibility (the distance you can see clearly) has become worse. Let's go home," says Kukee.

V. 4 Complete the sentences with the help of the words given in the brackets.

[rested for, assigned by, goes down, due to, waiting for]

1. I am waiting for you.

2. Tyagi's plane rocks violently due to air bumps.

3. The mission is assigned by HQs.

4. Breakfast may come up before the bomb **goes down.**

5. A pilot is **rested for** a year or two at a desk job.

V. 5 Number these words or phrases in order of the events as they appear in the text:

[3] air disturbance

[9] released the bombs

[8] vanish

[2] plane information

[5] seat belt

[6] take off

[1] security gate

[7] air bumps

[4] chinks out

Comprehension

C. 1 Complete the sentences.

(1) Commander Kukee consults the meteorological department to **get the weather report.**

(2) At about six forty in the morning K.S. Suresh **examines the forms certifying that every part in the plane has**

(3) Kukee and Tyagi reach **heir first check point, a village named Mirthal down on the earth.**

(5) Mr. Kukee devotes more than half of his **life to flying, mission planning and reporting**

(6) K.S. Suresh works as **an attack instructor, an air combat leader and a teacher of accurate weapon delivery techniques** for the rest of time.

C. 2 Read the lesson carefully and fill the details about Commander Kukee's activities at the time given in the table.

<u>Time of Commander Kukee's routine</u>	<u>Activities done by Commander Kukee</u>
At 5:00am	Reaches the air base of India's western sector.
At 5:20am	Reaches the flight planning room Calls the Meteorological Officer to know the weather report.
At 6:20am	Discusses the target with an army officer.
At 6:40am	Goes to the servicing station. Examines the forms certifying that every part in the plane has been checked. Walks around the plane to check for leaks, loose panels and pins
At 6:45 am	Takes off for the mission.
At 6:55am	Reaches the first check point, a village named Mirthal.

C.3 Complete the dialogue between Commander Kukee and the Meteorological Officer which shows the weather report.

Commander Kukee : Hello. How are you? I am commander Kukee.

Meteorological Officer : Fine sir. What can I do for you?

Commander Kukee

Meteorological Officer: At 550 meters, sir.

Commander Kukee : And what about visibility?

Meteorological Officer: **Visibility is 5 km.**

Commander Kukee : How far is the haze?

Meteorological Officer: **A haze is at 400 metres.**

Commander Kukee :

Meteorological officer : The speed of west wind is at 15 kph.

Commander Kukee : **What about the wind speed?**

Meteorological Officer: Yes, sir. There is a slight air disturbance.

Commander Kukee : **Are there any chances of air disturbance ?**

Meteorological Officer : Welcome, sir.

C. 4 Answer the questions.

(1) What does No 321 refer to?

Ans. No. 321 refers to the quadro commanded by Kuki.

(2) Where is K.S. Suresh at 5.20 a.m.? What is the order for him on that day?

Ans. At 5:20 a.m. K. S. Suresh is in the flight planning room. On that day day, the order for him is an air strike at Batla, Panjab at 7 a.m.

(3) Write two or three sentences about the weather of the day.

Ans. On that day, there were thick clouds at 550 metres, visibility 5 km, a haze at 400 metres, west wind at 15 kph and slight air disturbance.

(4) What is Mr. Tyagi called?

Ans. Mr Tyagi is called Bundle'.

(5) What is the final compulsory check called?

Ans. The final compulsory check is called TAFFLOHP.

(6) What does Kukee carry with him while walking to the servicing station?

Ans. Kukee carries his helmet, oxygen mask and lead set while walking to the service station.

(7) "A bit bumpy here". Who says this? What does Kukee joke in reply?

Ans. This is said by Tyagi. Kukee jokes and says that breakfast may come up before the bomb goes down.

(8) What did the army men say in praise of Kukee and Tyagi?

Ans. The army man praised Kukee and Tyagi by saying that their planes were in the right place at the right time. He also said that they had given effective support to the army.

(9) What duties does K.S.Suresh perform for the rest of time?

Ans. For the rest of the time, K. S. Suresh is an attack instructor, an air combat leader and a teacher of accurate weapon delivery techniques.

(10) What precautions does Kukee take before the final take off?

Ans. Before the final take off, Kukee checks the plane for leaks, loose panels and pins.

(11) What are MiGs and Hunters? Write two to three sentences about each.

Ans. MiGs and Hunters are fighter planes. They are used by the Air Force. They are capable of a number of operations, including dropping bombs on the targets.

C. 5 Discuss the questions with your friends in a group and read your answer before the class.

1. "The wing commander of 321 squadron K.S. Suresh is proud of IAF so is IAF." What does this mean?

Ans. Wing Commander K. S. Suresh is proud to be a part of the IAF (Indian Air Force). He is proud of the fact that the IAF has been of great help to the armed forces (Navy and Army) in war and peace. The IAF is also proud to have a very capable, dedicated and devoted person like K. S. Suresh.

2. Find out some information on 'Career with the Indian Army'.

Ans. We can join the Indian Army through the Combined Defence Services Examination (CDSE). The UPSC conducts this exam twice a year - in February and August/September - to admit cadets to the Indian Military Academy (IMA), Dehradun, and the Officers Training Academy (OTA), Chennai. CDS also admits cadets to the Navy and Air Force - for which you require either a BSc (physics/ maths) or a BE / BTech. The eligibility criteria and the pattern of the exam is as follows:

For IMA : Unmarried males with Bachelor's degree in any discipline. For **OTA (SSC course):** Married or unmarried males with Bachelor's degree in any discipline. Selection is on the basis of an objective type written exam followed by SSB tests and interview for those who qualify the written exam. There are intelligence and personality tests also.

The written exam is held at various centres all over the country. There are 3 papers for admission to IMA, Naval and Air Force Academy. Each paper is of two-hours and carries 100 marks.

Paper I test your English.

Paper II test your general knowledge of current events and general science, geography and history of India.

Paper III tests your knowledge of elementary mathematics and statistics.

There is negative marking for wrong answers.

Once you pass the written test, you will proceed to the next stage, which is conducted by the Service Selection Board.

The SSB tests evaluate your potential and aptitude to see if you possess 'officer-like' qualities. career in Indian qualities.

3. Would you like a career in Indian Army, Navy or Air Force? If yes, which one? Why?

Ans. Yes, I would like to have a career in Army/Navy/Air Force.

I would like to join the Army so I that I can get a chance to protect the borders my country.

I would like to join the Navy so that I can protect the coastline of the country. What a thrill it would be to sail in the middle of the sea or in a submarine!

I would like to join the Air Force to experience the thrill of flying high up in the skies and fighting the enemy. Air Force is a great support to the Navy and the Air Force.

Language Practice

L.I Read this passage.

You must have heard of the famous swimmer Michael Phelps. Here is an imaginary interview

with him. You will be surprised to know his daily diet.

Interviewer : Hello Michael! It is fortunate to have you here with us.

Michael : Mypleasure.

Interviewer : So Michael, tell us at what age did you start swimming?

Michael : It must be when I was seven. Partly I was influenced by my elder sisters and partly it was a sort of outlet for my energy.

Interviewer : Did you ever think that you will become a world champion swimmer one day? Can you tell us how many medals have you won in Olympics?

Michael : Ahh! Frankly I actually did not think I would become a champion. But it feels good to have 22 Olympic medals in my bag.

Interviewer : That is indeed remarkable. It requires great strength and energy. Tell us about your diet and food habits. What keeps you fit?

Michael : I eat a lot actually. I usually take heavy breakfast with three fried egg sandwiches with a lot of cheese, salad, tomato, fried onions, and mayonnaise. also drink two cups of coffee, and eat a five egg-omelette, one bowl of boiled com, three slices of French toast with powdered sugar, and three chocolate chip pancakes.

Interviewer : That is indeed a heavy breakfast. What do you have in your lunch and dinner then?

Michael : In lunch I take 500 grams of pasta with tomato sauce, two large ham and cheese sandwiches with mayonnaise on bread, plus energy drinks. My dinner includes another 500 grams of pasta with sauce, a whole pizza of six or eight slices, and more energy drinks.

Interviewer : This is really too much!

Michael : Yes I know that. But my health experts and physicians say that I can probably eat to this extent because my body is able to burn that much calories which is faster than an average man.

Interviewer : Yes, I had read somewhere that Michael Phelps possibly consumes 12,000 calories each day. But it's required, I think, because the kind of exercise and training you are involved in for swimming requires great energy and stamina. Moreover, you are said to swim nearly 80 kilometers per week. And undoubtedly it requires great strength.

Michael : Well, that's true.

Interviewer : OK Michael! Thanks a lot for talking to us. You are truly an inspiration for youngsters. Michael Mypleasure. Thank you.

- Now write the answers in the column of 'Number' or 'Quantity'.

Question	Number	Quantity
At what age did Michael Phelps start swimming?	7	
How many Olympic medals has Michael Phelps won?	22	
How many egg sandwiches does Michael eat in his breakfast?		3
How much coffee does he take in his breakfast?		2 cups
How much pasta does he take in his lunch?		500 grams
How many calories does Michael consume in a day?	12000	
How many kilometers does Michael swim in a week?	80	
How much boiled corn does Michael eat?		1 bowl
How many slices of French toast does Michael eat ?		3
How many chocolate chip pancakes does he eat ?		3

L. 2 Ask these questions to your teacher. Your teacher will answer them.

- Where did you go on a picnic or a tour with the students of our school?
- How many students had come for the tour?



- Did you go by bus or by train?
- How long did it take to reach the place from our school?
- How many days did you stay there?
- Did you enjoy the tour?
- How many classes do you teach in a week?
- How far is your home from our school?
- How much time does it take to reach school from your home?

L. 3 Answer these questions in one or two words.

1. How many glasses of water do you usually drink?

➤ 6 glasses

2. How much milk does your family use in a day?

➤ 3 litres

3. How far is your home from school?

➤ 2 km

4. How many brothers/sisters do you have?

➤ 1 brother and 1 sister

5. How many days in a week do you come to school?

➤ 6 days

6. How many hours do you spend watching TV?

➤ 2 hours

7. How much do you weigh?

➤ 45 kg

8. How far is the railway/bus station from your home?

➤ 2 km

9. How many players make a team in cricket?

➤ 11 players family

10. How long did you enjoy your summer vacation?

➤ 1 month

11. How long did you stay out of town during summer vacation?

➤ 20 days

12. How many months have 28 days?

➤ 1 month

13. How many biscuits can you eat on an empty stomach?

➤ 4 biscuits

14. How much milk do you drink?

➤ 1 glass

15. How many chapattis did you eat yesterday?

➤ 2 chapattis

16. How many times have you travelled by plane?

➤ Once / Never Now warlin

Now work in pairs. Your partner will ask you these questions. Answer them in full sentence.

Example : Partner : Hello Mayur. How much water do you drink?

You : I drink 8 glasses of water everyday.

(1) **Partner:** How much milk does your family use in a day?

You: My family use 3 litres of milk in a day

(2) **Partner:** How far is your house from school ?

You: My house is 2 km away from school.

(3) **Partner:** How many brothers / sisters do you have?

You: I have 1 brother and 1 sister.

(4) **Partner:** How many days in a week do you come to school?

You: I come for 6 days to school.

(5) **Partner:** How many hours do you spend on watching TV ?

You: I spend 2 hours on watching TV.

(6) **Partner:** How much do you weigh?

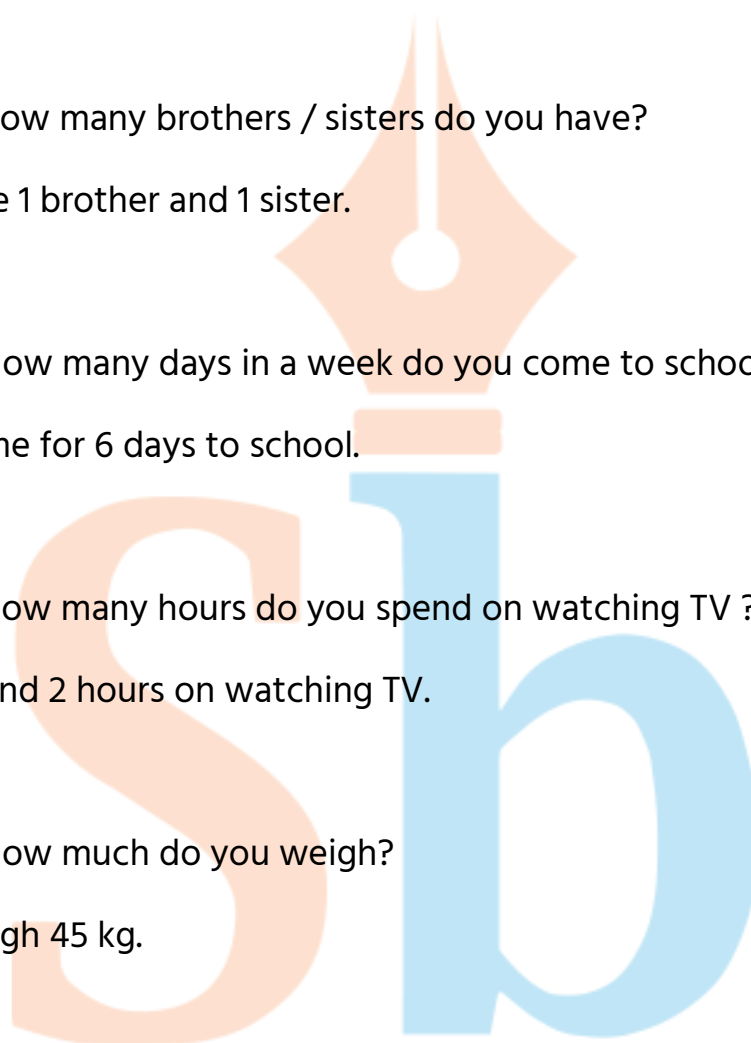
You: I weigh 45 kg.

(7) **Partner:** How far is railway / bus station from your house?

You: The railway/bus station is 2 away from my house.

(8) **Partner:** How many players make team in cricket?

You: 11 players make a cricket team



(9) **Partner:** How long did you enjoy your summer vacation?

You: I enjoyed my summer vacation for 1 month

(10) **Partner:** How long did you stay out of town during summer vacation?

You: During the summer vacation, I stayed out of town for 20 days

(11) **Partner:** How many months have 28 days?

You: One month has 28 days.

(12) **Partner:** How many biscuits can you eat on an empty stomach?

You: I can eat 4 biscuits on an empty stomach.

(13) **Partner:** How much milk do you

You: I drink 1 glass of milk. drink?

(14) **Partner:** How many chapattis did you eat yesterday?

You: I ate 2 chapati yesterday.

(15) **Partner:** How many times have you travelled by plane?

You: I have never travelled by plane?

L. 4 Form the questions using 'how many' or 'how much'.

1. **How much** does this parcel weigh?

2. **How much** does it cost by flight to Mumbai?

3. **How many** sisters do you have?

4. **How many** marks did you get in English?
5. **How many** people are you going to invite to your birthday party?
6. **How many** days will you be on leave?
7. **How much** milk do you drink every day?
8. **How much** time do you spend on playing harmonium in a day?
9. **How many** rupees did you pay for this shirt?
10. **How much** did you save this month?

L.5 Frame a question for each of the answers. Use 'how many', 'how much', or 'how far', 'how long' for framing questions.

1. About 10,000 books are available in the library.

➤ How many books are available in the library ?

2. Only one person will have a chance to get scholarship.

➤ How many persons will have a chance to get scholarship ?

3. 50 kg approximately.

➤ How much do you weigh?

4. Only 30 minutes are left to catch the train.

➤ How much time is left to catch the train?

5. I will stay there for three nights and four days.

➤ How long will you stay there ?

6. 45 kilometres.

➤ How far is the temple from your town?

7. We expect around 100 people for this function.

➤ How many people do you expect for this function?

8. I generally have two glasses of milk a day.

➤ How many glasses of milk do you generally have in a day?

9. I spend almost six hours every day on computer.

➤ How many hours do you spend on computer every day?

10. A bamboo can grow upto 91 cm per day.

➤ How much can a bamboo grow in a day?

L. 6 You are planning a tour with your family during the vacation. One of you will play the role of a travel agent and the other of a passenger. Work out your travel plan making an enquiry to the travel agent. The travel agent too will ask you a few questions regarding your plan. Clues are given in brackets. Work in pairs.

Place	Bhopal	Mumbai	Goa	Delhi	Hyderabad
-------	--------	--------	-----	-------	-----------

Distance in kms	590	520	1100	940	1140
Approximate Bus fare	₹ 885	₹ 780	₹ 1650	₹ 1410	₹ 1710
Approximate Train fare (II Class)	₹ 1180	₹ 1040	₹ 2200	₹ 1410	₹ 2280
Approximate travel time by bus	13 hours	10 hours	24 hours	20 hours	28 hours
Approximate travel time by train	12 hours	9 hours	20 hours	15 hours	22 hours

Travel agent (stay duration, hotel budget, number of travellers, etc.)

Passenger (distance/ time to reach destination, number of bus/train availability, bus/train fare, accommodation charges)

Travel Agent: Hello, sir. What can I do for you?

Customer: I am planning a vacation tour for my family. Can you help me?

Travel Agent: Sure, sir. Where would you like to go, sir?

Customer: Well, my children love beaches. So I would like to go to a place, where they can enjoy on the beach.

Travel Agent: Got it, sir. I think You will be good fun for you and your family.

Customer: Goa? Yes, that's seems to be a good idea. Can I have the details, please?

Travel Agent: Why not? Tell me, sis, what would you like to know?

Customer: What is the distance from Ahmedabad?

Travel Agent: It's about 1100 km, sir. How would you like to travel -by road or by train?

Customer: Well, I am not sure. How much time does it take to travel by bus?

Travel Agent: About 24 hours, sir

Customer: Oh! That's too much. And how much time does the train take?

Travel Agent: About 20 hours, sir.

Customer: I think I will prefer to travel by train

Travel Agent: Good choice, sir. You will enjoy the travelling by train rather than bus. You will enjoy the beauty of nature on the way by train

Customer: Oh, that's excellent! And what is the train fare?

Travel Agent: Let me check First class or Second class, sir?

Customer: Second class, please

Travel Agent: Here it is, sir. One second class ticket from Ahmadabad to Goa will cost you 2200

Customer: OK

Travel Agent: How many members in your family, sir?

Customer: We are 4 members.

Travel Agent: So it will cost you? 8800 for 4 tickets- one way. And 17,600 for return tickets.

Customer: How much discount can you offer?

Travel Agent: Sir, if you confirm your plans with us, we will definitely work out something for you.

Customer: Alright. I will come tomorrow and we can finalize the tour. What about hotel bookings and sight-seeing?

Travel Agent: We will take care of that too, sir. Once you finalize your dates and duration the tour, we can arrange for everything

Customer: That's great. Thank you so much. Let's meet tomorrow,

Travel Agent: You're welcome, sir. O pleasure to serve you. Have a good day

L. 7 Look at the information boxes given below. Work in pairs. One person will frame questions and the other will respond. Use 'how many', 'how much', 'how long', 'how far' for framing questions.



(1) How many ingredients are there in the toothpaste?

Ans. There are four ingredients in the toothpaste - silica, citric acid. Menthol and sodium.

(2) How much sodium does contain?

Ans. It contains 10% sodium

(3) How much silica does it contain?

Ans. It contains 18% silica.

(4) How much citric acid does it contain ?

Ans. It contains 12 % citric acid.

(5) How much menthol does it contain?

Ans. It contains 33 % menthol.

(6) How much does it weigh?

Ans. It weighs 100 gm

(7) How much does it cost?

Ans. It is cost Rs.56.

(8) How long can you use it?

Ans. You can use it for 1 year.

(9) How long will it take to get whiter teeth?

Ans. It will take 2 weeks to get whiter teeth for 12 hours.

(10) How long will it protect from harmful germs?

Ans. It will protect from harmful germs for 12 hours.

(11) How much is it useful?

Ans. It helps to reduce gum bleeding and gives 1 long-lasting fresh breath.



(1) How many soaps does the value pack contain?

Ans. The value pack contains 4 soaps.

(2) How much will you save on the value pack?

Ans. You will save 20 on the value pack.

(3) How much does 1 soap weigh?

Ans. 1 soap weighs 80 gram.

(4) How much does the pack cost?

Ans. The pack costs 115.

5) How many ingredients are there in the soap?

Ans. There are 5 ingredients in the soap - olive oil, almond oil, glycerin, flavor and sunflower.

(6) How much olive oil does it contain?

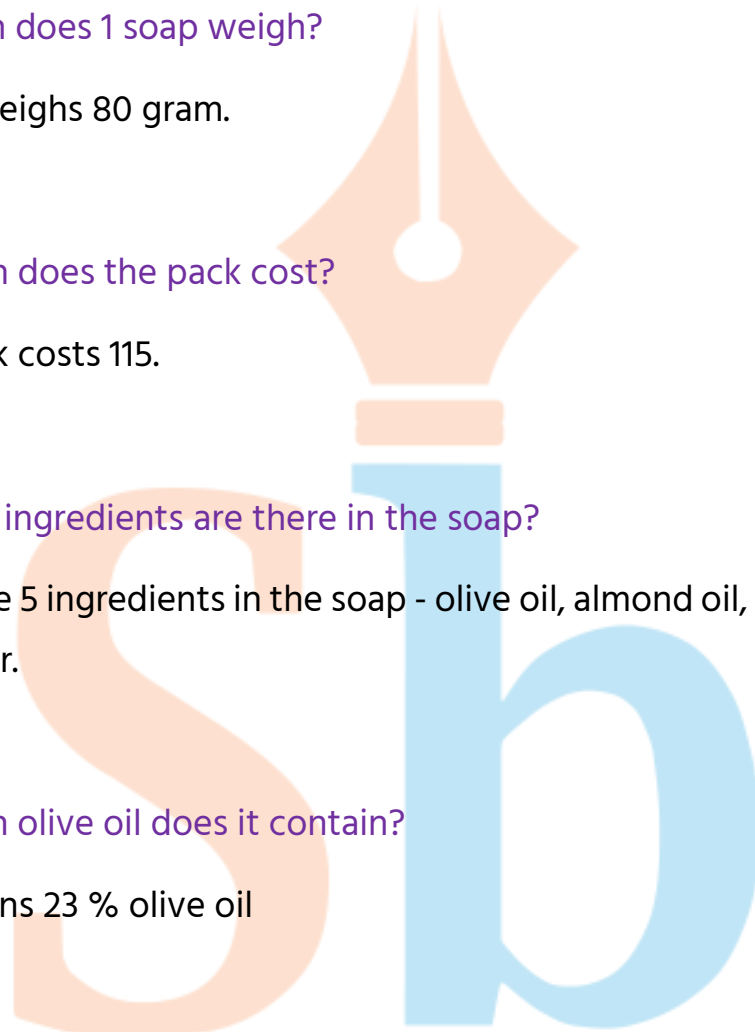
Ans. It contains 23 % olive oil

(7) How much almond oil does it contain?

Ans. It contains 15 % almond oil.

(8) How much glycerin does it contain?

Ans. It contains 10 % glycerin.

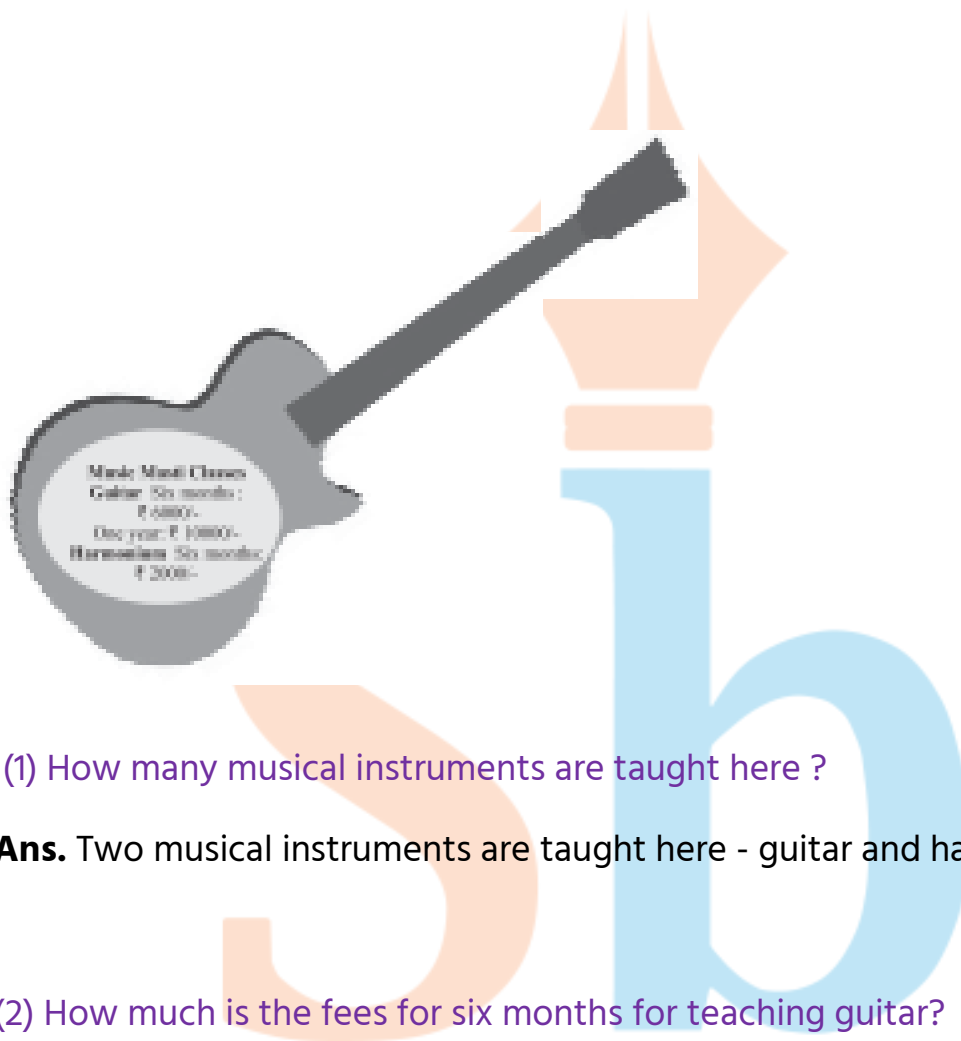


(9) How much flavour does it contain?

Ans. It contains 08 % flavor.

(10) How much sunflower does it contain?

Ans. It contains 2.5 % sunflower.



(1) How many musical instruments are taught here ?

Ans. Two musical instruments are taught here - guitar and harmonium.

(2) How much is the fees for six months for teaching guitar?

Ans. The fees for six months for teaching guitar is 6000.

(3) How much is the fees for one year for teaching guitar?

Ans. The fees for one year for teaching guitar is 10,000.

(4) How much is the fees for six months for teaching harmonium ?

Ans. The fees for six months for teaching harmonium is 2000.

L.8 Look at the information boxes given below. Work in pairs. One person will frame questions and the other will respond. Use 'how many', 'how much', 'how long', 'how far' for framing questions.

Example : How much does the elephant weigh? How long does he live?

<u>Facts about Indian Elephant</u> Scientific name :Elephas Meximus Indicus Size (H) :2m-3m (7ft-10ft) Weight : 3000 - 5000 kg Top speed : 43 km/h Average life span :55-70 years Colour : Grey, Brown, Black Main prey/food :grass, fruits, roots little known facts <ul style="list-style-type: none">• Elephants can recognize themselves in the mirror• Worn out teeth will be replaced 6-7 times in a lifetime• Sleep 2-3 hours per day	<u>Facts about Fly</u> Scientific name : Diptera Size : 2.5-3cm (0.2-1.2 in) Top speed: Number of species: 2,40,000 Average life span:25 days colour: Main prey/food: nectar, sap, bloo Unknown facts : <ul style="list-style-type: none">• A female fly can lay approximately 9000 eggs• A fly can beat its wings 200 times per second• Can fly at the speed of 5 miles per hour
<u>Facts about Rhinoceros</u> Scientific name : Rhinocerotidae Size : 1.3-2.2 Weight : 800 - 3500 kg Top speed : 48km/h Average life span : 35 - 50 years Colour : Brown, Grey, Black Main prey/food : grass, fruits, leaves Little known Facts <ul style="list-style-type: none">• Its horns are made of the same (called keratin) that makes our nails	<u>Facts about Bat</u> Scientific name : Chiroptera Size (L) :3 cm-180cm(1.2 in- 71 in) Weight : 2g- 1000g Top speed : 40 km/h Number of species : 1100 Average life span : 10- 30 years Colour :Brown, Black, Grey Main prey/food : Mice, Frogs, Fruit Unknown facts:



<ul style="list-style-type: none"> • Its horns are made of the same (called keratin) that makes our nails substance • Longest measured horn was 4 feet and 9 inches long • Have poor eyesight, but they have excellent • Some species of bat have excellent eyesight sense of smell and hearing 	<ul style="list-style-type: none"> • Just three species out of 1100 known species eat blood. • Some species of bat have excellent eyesight • Other species use echo-location • Bats can detect frequencies between 20 and 120 000 Hz (humans can hear only those from 20 - 20 000 Hz)
--	---

• Elephants can recognize themselves

(1) How much does an elephant measure?

Ans. An elephant measures 2 m to (7 ft to 10 ft).

(2) How much does an elephant weigh ?

Ans. An elephant weighs 3000 kg to 5000 kg.

(3) How much is the top speed of an elephant?

Ans. The top speed of an elephant is 43 km / h.

(4) How long does an elephant live?

Ans. An elephant lives for 55 years to 70 years

(5) How many colours of elephants are found?

Ans. Elephants are found in 3 colours- grey, brown and black .

(6) How many different kinds of food does an elephant?

Ans. An elephant eats 3 different kinds of food eat grass, fruits and roots.

(7) How many times will the worn-out teeth be replaced in a lifetime?

Ans. The worn-out teeth will be replaced 6 - 7 times in a lifetime.

(8) How many hours does an elephant sleep?

Ans. An elephant sleep for 2-3 hours.

- **Facts about the Fly**

(1) How much does a fly measure?

Ans. A fly measures 2.5 cm to 3 cm (0.2 inch to 1.3 inch)

(2) How much is the top speed of a fly?

Ans. The top speed of a fly is 5 miles per hour

(3) How many species of the fly are there?

Ans. There are 1,40,000 species of the Fly .

(4) How long does a fly live?

Ans. A fly lives for 25 days.

(5) How many different kinds of food does a fly eat?

Ans. A fly eat 3 different kinds of food-nectar, sap and blood.

(6) How many eggs does a female fly lay?

Ans. A female fly lays about 9,000 eggs.

(7) How many times can a fly beat its wings in 1 second?

Ans. A fly can beat its wings 200 times in 1 second.

- **Facts about the Rhinoceros Scientific name : Rhinocerotidae**

(1) How much does a rhinoceros measure?

Ans. A rhinoceros measures 1.3 m to 2.2 m.

(2) How much does a rhinoceros weigh?

Ans. A rhinoceros weighs 800 kg to 3500 kg.

(3) How much is the top speed of a rhinoceros?

Ans. The top speed of a rhinoceros is 48 km /h.

(4) How long does a rhinoceros live?

Ans. A rhinoceros lives for 35 years to 50 years

(5) How many colours of rhinoceros are found?

Ans. Rhinoceros are found in 3 colours -brown, grey and black.

(6) How many different kinds of food does a Rhinoceros eat?

Ans. A rhinoceros eats 3 different kinds of food-grass, leaves and fruits.

(7) How much did the longest horn measure?

Ans. The longest horn measured feet and 9 inches.

- **Facts about the Bat**

(1) How much does a bat measure?

Ans. A bat measures 3 cm to 180 cm (1.2 inch to 7.1 inch).

(2) How much does a bat weigh?

Ans. A bat weighs 2 gram to 1000 gram.

(3) How much is the top speed of a bat? there?

Ans. The top speed of a bat is 40 km/h.

(4) How many species of the bat are there?

Ans. There 1100 species of the bat.

(5) How long does a bat live?

Ans. A bat lives for 10 years to 30

(6) How many colours of bats are found?

Ans:Bats are found in 3 colours - brown, black and grey.

(7) How many different kinds of food does a bat eat?

Ans. A bat eats 3 different kinds of food – mice, frogs – fruits.

L. 9 Work in pairs. Ask upto ten questions to your partner with 'how many', 'how much', 'how far' and 'how long'. Try to know your partner better. Then tell about your partner to the class.

Example:

- For how many hours do you study in the evening?
- How much milk do you drink everyday?
- How far is your home from our school?
- How many trees are there? around your home?

[4:15 PM, 10/21/2020] Kwintal Vekariya:

(1) How many members are there in your family?

Ans. There are six members in my family.

(2) How many brothers and sisters do you have ?

Ans. I have one sister.

(3) How many vehicles do you have?

Ans. I have 3 vehicles -a car, a scooter and a bicycle.

(4) How far is your school house?

Ans. My school is about 2 km away from my house.

(5) How long does it take to reach school?

Ans. It takes 15 minutes to reach school.

(6) How long have you been in this school?

Ans. I have been in this school for 8 years.

(7) How many students are there in your class?

Ans. There are 35 students in my class.

(8) How many girls are there in your class?

Ans. There are 15 girls in my class.

(9) How many boys are there in your class?

Ans. There are 20 boys in my class.

(10) How many friends do you have?

Ans. I have 4 friends.

(11) How much milk do you drink day?

Ans. I drink 2 glasses of milk day.

(12) How many hours do you study

Ans. I study for 2 hours.

(13) How many hours do you play?

Ans. I play for 1 hour.

(14) How many hours do you watch?

Ans. I watch TV for 1 hour.

(15) How many trees are there are your house?

Ans. There are about 13 trees are my house.

(16) How far is the garden from you house?

Ans. The garden is about 1 km away from my house. My friend's name is Nita. There are six members in her family. She has a 1 sister. She has 3 vehicles - a car, scooter and a bicycle. Nita's house is 2 km away from her school. It takes 15 minutes to reach school. Nita has been in this school for 8 years. There are 35 students in her class. There are 15 girls and 20 boys in the class. Nita has 4 friends. She drinks 2 glasses of milk every day. Nita studies for 2 hours. She plays for 1 hour and watches TV for 1 hour. There are about 13 trees around her house. The garden is about 1 km away from her house.

writing

W.1 Look at this medium sized transport aircraft made in Russia. It is known as AN- 32. The capacity of this aircraft is to carry upto 39 airmen or a load upto 6 to 7 tonnes. The aircraft requires a crew of 5 people. It achieves the highest speed of 530km/hour with the power of its 2 turbo prop engines.



Now fill in the blanks with the help of the information about the aircraft.

This is **AN-32** Aircraft of Indian Air Force. It has twin **turbo prop** engines. It is used as **transport aircraft**. It is imported from. There are five **crew members** and the plane can carry. It can carry a maximum load of **6-7 tonnes**. It can fly at a maximum speed of **530 km/h**.

W.2 Write a paragraph on 'A Day in the Life of a Fire fighter'. Use the points for your writing.

(name of the fire-fighter, name of the fire-station, uniform, duty in emergencies, duty timings, daily preparations, attending phone calls, reaching the place of fire, saving people, hard duty, happiness for saving lives)

Asif Khan is a fireman. He works in the fire station near the Town Hall. Asif wears his uniform, special boots and helmet.

Asif starts work in the evening. He and the other fire-fighters clean and check their fire-engines every day. Someone always sits near the telephone and takes messages. The fire station is open all day and night. Asif is at the

fire station all through the night. There are also some other fire tights with him. They are on night duty. They take rest only for a short time. They know that they may get an urgent message any time

They help people in different kinds of emergencies: floods, earthquakes, fire, accidents, etc. Fire-fighters are brave and kind people. When there is a fire, the alarm bell rings. Asif and the other firemen run to the fire-engines. They climb up on it. The siren starts blowing. It tells people to give side. They are going to fight the fire.

When they reach the site of fire, they jump out of their van, take out long, big water hoses and start pouring water on the fire. They use long ladders to reach the top floors and save people. When the fire is put out, they are tired, but happy. They have saved many lives and property.

W.3 Meet a police constable. (The teacher can invite a constable to the class.) Talk to him/her about his/her duty and daily routine. List five hardships that the police have to face.

Eg. Duty hours - not fixed - family life - training – risk

- (1) Long working hours
- (2) Lots of stress and tension
- (3) No family life
- (4) No holidays or no leave for festivals
- (5) Risk of life