



Home Assignment Model Answers– May 23, 2020

Class VI

English

Q.1 Family meals are a great opportunity to spend time together. We share so many thoughts and experiences during this time. In about 60-75 words, describe a typical scene on your dining table – the family members who sit together, what they talk about, discuss, share, etc. What, according to you, are the benefits of eating together as a family?

Answer: It's a real pleasure to have dinner with my grandparents, parents and my younger sister. We talk about the day's happenings- of the things we did and the games we played. Grandpa and my father like to share the latest news. We also use this time to tell our mother of the things we would like to eat, and most often than not, we find those things on the dining table the following day. Eating together strengthens our bond as a family.

Q.2 “Night is to dream and day is to make the dreams come true.” Describe one of your most pleasant dreams in about 60-70 words.

Answer: The most pleasant dream that I had was when I was in Class X. I had studied very hard and had always thought of making it to the merit list. One night I dreamt that my result had been declared and my name appeared on the merit list. My parents were elated. The following evening my father called for a grand celebration. My friends and family congratulated me on my wonderful performance.

Q.3 Anything is possible when you have the right people to support you. Friends are such 'right people' and blessed are the ones who possess good and honest friends. What, according to you, is the real meaning of friendship? Share your thoughts in about 60-70 words.

Answer: A true friend is one who accepts you for who you are and helps you to make the right choices. A true friend stands up for you at all times. When others try to hurt you emotionally or physically, they do everything they can to make sure you stay safe. Trust and confidence in your friend is the foundation of a strong relationship

Q.4 All of us make some common errors while writing or speaking English. Can you spot the errors in the following sentences?

Read the sentences given below carefully and rewrite them correctly without changing their tense or meaning. Do not copy the incorrect sentences. What is more – make sure you do not make these errors in your language ever again!



Home Assignment Model Answers– May 23, 2020
Class VI

a) Laurel didn't brought his library book to school today.

Answer: Laurel didn't bring his library book to school today.

b) I am having my purse with me.

Answer: I have my purse with me.

c) A pair of socks are lying on the floor.

Answer: A pair of socks is lying on the floor.

d) Don't rewrite the sentences again.

Answer: Don't write the sentences again. / Don't rewrite the sentences.

e) I want you to return back my book tomorrow.

Answer: I want you to return my book tomorrow.

f) In the house next to ours there lives a men, a women and a child.

Answer: In the house next to ours there lives a man, a woman and a child.

g) My parents were very much happy with my result.

Answer: My parents were very happy with my result.

h) The bouquet of flowers are kept on the table.

Answer: The bouquet of flowers is kept on the table.

i) These all certificates are mine.

Answer: All these certificates are mine.

j) Me and my friend live here.

Answer: My friend and I live here.

Home Assignment Model Answers– May 23, 2020

Class VI

हिंदी

प्रश्न 1-निम्नलिखित पद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए-

क. प्रस्तुत कविता में किस समय का वर्णन किया गया है ?

उत्तर- प्रस्तुत कविता में प्रातःकाल का वर्णन किया गया है।

ख. कविता में 'कमल दल फूले' का क्या अर्थ है ?

उत्तर- कविता में 'कमल दल फूले' का अर्थ है कि कमल खिल गए हैं।

ग. प्रातःकाल में कैसी सुन्दर हवा चलती है ?

उत्तर- प्रातःकाल में शांत और शीतल हवा चलती है।

घ. माता अपने शिशु को क्यों जगाना चाहती है ?

उत्तर- माता अपने शिशु को जगा रही है क्योंकि रात बीत चुकी है, सवेरा हो गया है, सूरज निकल आया है और पेड़ों पर चिड़ियाँ चहकने लगी हैं।

ड. कविता में से संज्ञा, सर्वनाम, क्रिया एवं विशेषण का एक-एक उदाहरण लिखिए।

उत्तर - संज्ञा- चिड़िया
सर्वनाम- उनके
क्रिया – उठो
विशेषण- सुन्दर

प्रश्न 2- कोष्ठक में दिए गए शब्दों के अनुसार रिक्त स्थानों की पूर्ति कीजिए -

क. विद्यालय में कुछ होनहार बच्चों को इनाम मिला। (प्रविशेषण)

ख. हम प्रतिदिन बगीचे में घूमने जाते हैं। (जातिवाचक संज्ञा)

ग. हमारे प्रधानमन्त्री श्री नरेंद्र मोदी एक कर्मठ नेता हैं। (व्यक्तिवाचक संज्ञा)

घ. कुंदन एक समझदार बालक है। (विशेषण)

ड. घर की सजावट देखकर बच्चे बहुत खुश हुए। (भाववाचक संज्ञा)

Home Assignment Model Answers– May 23, 2020
Class VI

प्रश्न 3 – निम्नलिखित शब्दों की वर्तनी को शुद्ध कर पुनः लिखिए –

- क. पृथम – प्रथम
ख. इसकूल – स्कूल
ग. क्योंकी – क्योंकि
घ. प्रासिध – प्रसिद्ध
ड. नमास्ते – नमस्ते

प्रश्न 4 - निम्नलिखित वाक्यों को शुद्धकर पुनः लिखिए –

क. घर पर सब कुशल हैं।

उत्तर- घर में सब कुशल हैं।

ख. वह बस पर यात्रा कर रहा है।

उत्तर- वह बस से यात्रा कर रहा है।

ग. वहाँ प्रत्येक पेड़ सूख गए।

उत्तर- वहाँ प्रत्येक पेड़ सूख गया।

घ. मैं गुनगुने गरम पानी से स्नान करता हूँ।

उत्तर- मैं गुनगुने पानी से स्नान करता हूँ।

ड. मैंने लिखी है यह कविता ।

उत्तर- मैंने यह कविता लिखी है।

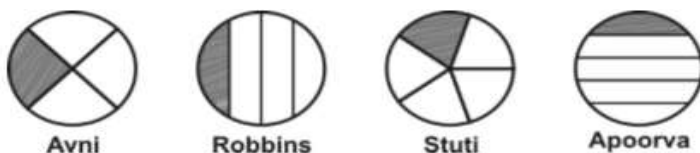
प्रश्न 5- अनौपचारिक पत्र – दिए गए प्रारूप के अनुसार व विषय को ध्यान में रखते हुए विद्यार्थी स्वयं लिखेंगे।

Home Assignment Model Answers– May 23, 2020
Class VI

Mathematics

Topic: Fractions

Q.1 Avni, Robbins, Stuti and Apoorva were given a circle each. They were asked to shade $\frac{1}{4}$ of the circle. They shaded it as shown here:



Who shaded it correctly?

- a) both Avni and Robbins
b) both Stuti and Apoorva
c) **only Avni**
d) only Robbins

Answer: option (c) only Avni as she has divided the given circle correctly into four equal parts.

Q.2 What fraction of the vehicles in the picture below are buses?



- a) $\frac{1}{2}$
b) $\frac{2}{5}$
c) $\frac{2}{7}$
d) $\frac{5}{7}$

Solution: Number of buses = 4
Total number of vehicles = 14
Required fraction = $\frac{4}{14} = \frac{4 \div 2}{14 \div 2} = \frac{2}{7}$

Answer: option (c)

Q.3 Look at the figure below:



Which of these has the SAME FRACTION shaded as in the figure given above?

- a)  b)  c)  d) 

Home Assignment Model Answers– May 23, 2020
Class VI

Solution: Given figure is $\frac{1}{2}$ shaded.

In option (a) fraction of shaded part of circle = $\frac{2}{4} = \frac{2 \div 2}{4 \div 2} = \frac{1}{2}$

Answer: option (a)

Q.4 Each of these figures given below is shaded to represent a fraction.



Figure 1

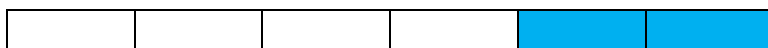


Figure 2

What is the difference between these fractions?

a) $\frac{1}{6}$

b) $\frac{1}{3}$

c) $\frac{1}{2}$

d) $\frac{6}{6}$

Solution: Required Difference = $\frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{3 \div 3}{6 \div 3} = \frac{1}{2}$

Answer: option (c)

Q.5 Find the missing numbers that make the fractions equivalent:

a) $\frac{2}{5} = \frac{\square}{45}$

Solution: $\frac{2}{5} = \frac{2 \times 9}{5 \times 9} = \frac{18}{45}$

Answer: Required missing number = 18

b) $\frac{65}{117} = \frac{5}{\square}$

Solution: $\frac{65}{117} = \frac{65 \div 13}{117 \div 13} = \frac{5}{9}$

Answer: Required missing number = 9

c) $\frac{48}{\square} = \frac{4}{12}$

Solution: $\frac{48}{12} = \frac{4 \times 12}{12 \times 12} = \frac{48}{144}$

Answer: Required missing number = 144

Home Assignment Model Answers– May 23, 2020
Class VI

Q.6 Reduce the following fractions to their lowest term:

a) $\frac{36}{54}$

Solution: HCF of 36 and 54 = 18

$$\Rightarrow \frac{36}{54} = \frac{36 \div 18}{54 \div 18} = \frac{2}{3}$$

Answer: $\frac{2}{3}$

b) $\frac{144}{180}$

Solution: HCF of 144 and 180 = 36

$$\Rightarrow \frac{144}{180} = \frac{144 \div 36}{180 \div 36} = \frac{4}{5}$$

Answer: $\frac{4}{5}$

c) $\frac{84}{98}$

Solution: HCF of 84 and 98 = 14

$$\Rightarrow \frac{84}{98} = \frac{84 \div 14}{98 \div 14} = \frac{6}{7}$$

Answer: $\frac{6}{7}$

d) $\frac{540}{360}$

Solution: HCF of 540 and 360 = 180

$$\Rightarrow \frac{540}{360} = \frac{540 \div 180}{360 \div 180} = \frac{3}{2} = 1\frac{1}{2}$$

Answer: $1\frac{1}{2}$

Home Assignment Model Answers– May 23, 2020
Class VI

Q.7 Compare the fractions and put correct signs $>$, $<$ or $=$

a) $\frac{9}{16}$ $\frac{5}{16}$

Solution: Given fractions are like fractions and $9 > 5$.

Therefore, $\frac{9}{16}$ $\frac{5}{16}$

Answer: $\frac{9}{16} > \frac{5}{16}$

b) $\frac{3}{5}$ $\frac{4}{7}$

Solution: $\frac{3}{5}$ $\frac{4}{7}$
Cross multiply

$$\Rightarrow 3 \times 7 \text{ } 4 \times 5$$

$$\Rightarrow 21 \text{ } 20$$

Answer: $\frac{3}{5}$ $\frac{4}{7}$

c) $\frac{6}{11}$ $\frac{7}{8}$

Solution: $\frac{6}{11}$ $\frac{7}{8}$
Cross multiply

$$\Rightarrow 6 \times 8 \text{ } 7 \times 11$$

$$\Rightarrow 48 \text{ } 77$$

Answer: $\frac{6}{11}$ $\frac{7}{8}$

Home Assignment Model Answers– May 23, 2020
Class VI

Q.8 Arrange $\frac{4}{5}$, $\frac{7}{10}$, $\frac{11}{15}$ and $\frac{17}{20}$ in descending order.

Solution: LCM of 5, 10, 15, 20 = 60

$$\Rightarrow \frac{4 \times 12}{5 \times 12}, \frac{7 \times 6}{10 \times 6}, \frac{11 \times 4}{15 \times 4}, \frac{17 \times 3}{20 \times 3}$$

$$\Rightarrow \frac{48}{60}, \frac{42}{60}, \frac{44}{60}, \frac{51}{60}$$

$$\text{Descending order: } \frac{51}{60} > \frac{48}{60} > \frac{44}{60} > \frac{42}{60}$$

Answer: $\frac{17}{20} > \frac{4}{5} > \frac{11}{15} > \frac{7}{10}$

Q.9 Find the sum:

a) $\frac{5}{8} + \frac{3}{10}$

Solution: LCM of 8 and 10 = 40

$$\Rightarrow \frac{5 \times 5}{8 \times 5} + \frac{3 \times 4}{10 \times 4}$$

$$= \frac{25}{40} + \frac{12}{40} = \frac{37}{40}$$

Answer: $\frac{37}{40}$

b) $4\frac{3}{4} + 9\frac{2}{5}$

Solution: $4\frac{3}{4} + 9\frac{2}{5} = \frac{19}{4} + \frac{47}{5}$

LCM of 4 and 5 = 20

$$\Rightarrow \frac{19 \times 5}{4 \times 5} + \frac{47 \times 4}{5 \times 4}$$

$$= \frac{95}{20} + \frac{188}{20} = \frac{283}{20} = 14\frac{3}{20}$$

Answer: $14\frac{3}{20}$

Home Assignment Model Answers– May 23, 2020
Class VI

c) $\frac{5}{6} + 1\frac{1}{2} + 6\frac{7}{12}$

Solution: $\frac{5}{6} + 1\frac{1}{2} + 6\frac{7}{12} = \frac{5}{6} + \frac{3}{2} + \frac{79}{12}$

LCM of 6, 2 and 12 = 12

$$\Rightarrow \frac{5 \times 2}{6 \times 2} + \frac{3 \times 6}{2 \times 6} + \frac{79 \times 1}{12 \times 1}$$

$$= \frac{10}{12} + \frac{18}{12} + \frac{79}{12} = \frac{107}{12} = 8\frac{11}{12}$$

Answer: $8\frac{11}{12}$

Q.10 Find the difference:

a) $\frac{3}{4} - \frac{7}{12}$

Solution: LCM of 4 and 12 = 12

$$\Rightarrow \frac{3 \times 3}{4 \times 3} - \frac{7 \times 1}{12 \times 1}$$

$$= \frac{9}{12} - \frac{7}{12} = \frac{2}{12} = \frac{2 \div 2}{12 \div 2} = \frac{1}{6}$$

Answer: $= \frac{1}{6}$

b) $9 - 5\frac{2}{3}$

Solution: $9 - 5\frac{2}{3} = \frac{9}{1} - \frac{17}{3}$

LCM of 1 and 3 = 3

$$\Rightarrow \frac{9 \times 3}{1 \times 3} - \frac{17 \times 1}{3 \times 1}$$

$$= \frac{27}{3} - \frac{17}{3} = \frac{10}{3} = 3\frac{1}{3}$$

Answer: $3\frac{1}{3}$

Home Assignment Model Answers– May 23, 2020
Class VI

c) $8\frac{1}{2} - 3\frac{5}{8}$

Solution: $8\frac{1}{2} - 3\frac{5}{8} = \frac{17}{2} - \frac{29}{8}$

LCM of 2 and 8 = 8

$$\Rightarrow \frac{17 \times 4}{2 \times 4} - \frac{29 \times 1}{8 \times 1}$$

$$= \frac{68}{8} - \frac{29}{8} = \frac{39}{8} = 4\frac{7}{8}$$

Answer: $4\frac{7}{8}$

Q.11 Vegetables are very important to boost our immunity. My mother bought a bag of vegetables which included 1 kg tomatoes, $1\frac{1}{4}$ kg okra, $\frac{1}{8}$ kg green chillies, $\frac{3}{5}$ kg cauliflower and $\frac{1}{2}$ kg bitter gourd. Find the total weight of the vegetables bought by my mother?

Solution: Weight of tomatoes = 1 kg

Weight of okra = $1\frac{1}{4}$ kg

Weight of green chillies = $\frac{1}{8}$ kg

Weight of cauliflower = $\frac{3}{5}$ kg

Weight of bitter gourd = $\frac{1}{2}$ kg

Total weight = $1 + 1\frac{1}{4} + \frac{1}{8} + \frac{3}{5} + \frac{1}{2}$

$$= \frac{1}{1} + \frac{5}{4} + \frac{1}{8} + \frac{3}{5} + \frac{1}{2}$$

LCM of 4, 8, 5, 2 = 40

$$\Rightarrow \frac{1 \times 40}{1 \times 40} + \frac{5 \times 10}{4 \times 10} + \frac{1 \times 5}{8 \times 5} + \frac{3 \times 8}{5 \times 8} + \frac{1 \times 20}{2 \times 20}$$

$$= \frac{40}{40} + \frac{50}{40} + \frac{5}{40} + \frac{24}{40} + \frac{20}{40} = \frac{139}{40} = 3\frac{19}{40}$$

Answer: Total weight of vegetables bought by my mother = $3\frac{19}{40}$ kg

Home Assignment Model Answers– May 23, 2020
Class VI

Q.12 The coffee shop also sells small bags of coffee beans. The bags come in two sizes. The first packing contains $\frac{4}{5}$ kg of coffee beans which is more than the second packing of $\frac{7}{12}$ kg. How much more coffee does the first bag have?

Solution: Weight of coffee beans in first packing = $\frac{4}{5}$ kg

Weight of coffee beans in second packing = $\frac{7}{12}$ kg

$$\text{Difference} = \frac{4}{5} - \frac{7}{12}$$

LCM of 5 and 12 = 60

$$\Rightarrow \frac{4 \times 12}{5 \times 12} - \frac{7 \times 5}{12 \times 5}$$

$$= \frac{48}{60} - \frac{35}{60} = \frac{13}{60}$$

Answer: The first bag has $\frac{13}{60}$ kg more coffee beans than the second bag.

Q.13 An octopus weighed $\frac{5}{6}$ kg. After two weeks, its weight was increased by $\frac{3}{10}$ kg. Later, it lost $\frac{1}{5}$ kg weight as it was sick. What is its current weight?

Solution: Initial weight = $\frac{5}{6}$ kg

Weight increased by $\frac{3}{10}$ kg and then reduced by $\frac{1}{5}$ kg.

$$\text{Final weight} = \frac{5}{6} + \frac{3}{10} - \frac{1}{5}$$

LCM of 6, 10 and 5 = 30

$$\Rightarrow \frac{5 \times 5}{6 \times 5} + \frac{3 \times 3}{10 \times 3} - \frac{1 \times 6}{5 \times 6}$$

$$= \frac{25}{30} + \frac{9}{30} - \frac{6}{30} = \frac{28}{30} = \frac{28 \div 2}{30 \div 2} = \frac{14}{15}$$

Answer: Current weight of octopus = $\frac{14}{15}$ kg



Home Assignment Model Answers– May 23, 2020
Class VI

PROJECT

Sleep affects everyone's body system. Every human being needs a good sleep or at least a power nap to keep them alert and functioning all day long. People can sleep safe and secure in their own beds. What about animals?

Some of the animals are given below:

Cow	Horse	Pig	Sloth	Koala	Cheetah
-----	-------	-----	-------	-------	---------

Find out:

- 1) the approximate number of sleeping hours for the above mentioned animals in a day.
- 2) the fraction of a day do these animals sleep.

Answer:

- i. Students will do research and write approximate number of sleeping hours for each animal on their own which will be a fixed value.
- ii. Total number of hours in a day = 24. So, to find each fraction students will divide the taken number of sleeping hours (for each animal) by 24.

Home Assignment Model Answers– May 23, 2020
Class VI

Science

Topic 2: Components of Food

Q.1 Although excess consumption of fats causes obesity and leads to heart problems then why are fats important to our body?

Answer: Our body uses fats as an energy store. They provide us energy more than carbohydrates and they also help to keep us warm.

Q. 2 Rahul was experiencing difficulty in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.

(a) Which deficiency disease is he suffering from?

Answer: Night blindness

(b) Which food component may be lacking in his diet?

Answer: Vitamin A

(c) Suggest any four food items that he should include in his diet.

Answer: Carrot juice, sweet potato, squash, fish etc.

Q.3 What is the benefit of including Vitamin B12 rich food in our diet?

Answer: Vitamin B12 helps in the formation of red blood cells in the body.

Q.4 Which of the following nutrients is not present in milk?

(a) Protein

(b) **Vitamin C**

(c) Calcium

(d) Vitamin D

Q.5 What is the role of Vitamin D in our body? Name the deficiency disease caused due lack of Vitamin D in children.

Answer: Vitamin D helps to use calcium for formation of strong bones and teeth. Lack of Vitamin D causes Rickets in children.

Q.6 Along with Vitamin D, which mineral is essential for formation of strong bones and teeth?

Answer: Calcium



Home Assignment Model Answers– May 23, 2020
Class VI

Q.7 What is the role of Vitamin K in the body? List some of the sources of Vitamin K.

Answer: Vitamin K helps in clotting of blood, the process by which the blood clots to form solid masses or clots. Some sources of vitamin K are green vegetables like spinach and cabbage, soya bean oil, fish oil, strawberries, meat etc.

Q.8 ‘Minerals and vitamins are needed in very small quantities by our body as compared to other components, yet, they are an important part of our diet.’ Justify this statement.

Answer: Minerals and vitamins are known as protective foods as they help our body to fight against diseases. They are essential for the normal development and functioning of the body systems.

Q.9 If you need quick energy, what kind of food will you depend on- food rich in sugar, food rich in starch or food full of vitamins? Support your answer with a scientific reason.

Answer: If we need quick energy, we need to eat food rich in sugar as it provides energy immediately.

Q.10 Explorers going to the North or South Poles must carry green vegetables and fruit juices with them. Give a reason for the same.

Answer: As they may suffer from Scurvy, a disease due to deficiency of vitamin C in their body. Green vegetables and fruit juices are good sources of vitamin C.

Home Assignment Model Answers– May 23, 2020
Class VI

Social Science (History)

Topic: On the Trail of the Earliest People

Q.1 Read following information related to the Stone Age and answer following questions:

- i. Into how many periods was the Stone Age divided?
(a) Two (b) **Three**
(c) Four (d) Five
- ii. Which of the following was developed earlier?
(a) **Fish hook** (b) Bow and arrow
(c) Hatchet (d) Pottery
- iii. Which of the following developments is NOT related to the Paleolithic period?
(a) **Farming** (b) Living indoors
(c) Clothing (d) Using fire
- iv. The Stone Age was so named because:
(a) It was very durable like stone
(b) **The tools and weapons were made of stones**
(c) There was little vegetation
(d) The people lived in stone caves
- v. Which of the following was not a part of the Mesolithic Age?
(a) People hunted dogs.
(b) People developed the bow and arrow.
(c) **People started to settle at one place.**
(d) People made basic pottery.

Q.2 Fill in the blanks using the correct word from the box given below:

- i. Men and women who study old bones to know more about the people of that time are called **Archaeologists**.
- ii. Stone Age **Tools** were items that were used for hunting or farming.

Home Assignment Model Answers– May 23, 2020
Class VI

- iii. The **Stone Age** was a period of millions of years in which most people used stones or animal bones to make tools.
- iv. The **Agricultural** revolution was a change in the way the people of the Stone Age obtained their food.
- v. Farmers during the Stone Age **Tamed** wild animals by using food as a bait.

Q.3 Can you tell the difference between an artefact and a fossil?

- a) While planting my garden, I found an old bone. Did I find a fossil or an artefact?

Answer: Fossil

- b) While exploring the woods near my house, I found an arrowhead. Did I find a fossil or an artefact?

Answer: Artefact

Q.4 Draw or paste pictures of some stone tools used by early humans during the Stone Age.