



**ARMY PUBLIC SCHOOL RATNUCHAK**  
**SESSION 2019-20**  
**WORKSHEET**

**CLASS: VIII**

**SUB: ENGLISH**

**Q1) Fill in the appropriate verb forms in the following paragraph:**

1. I usually \_\_\_\_\_ late on Saturday (get up). 2. It \_\_\_\_\_ (be) the beginning of the week-end and I like to \_\_\_\_\_ (relax). 3. But on that particular Saturday two months ago I \_\_\_\_\_ (have to) get out of bed at 6:00 AM. 4. Terrible sounds of sirens and horns \_\_\_\_\_ (come) from the street straight into my room. 5. I \_\_\_\_\_ (walk) over to the window to see what \_\_\_\_\_ (happen). 6. Two cars \_\_\_\_\_ (crash) on the corner near the bakery. 7. Lots of angry people \_\_\_\_\_ (scream) and \_\_\_\_\_ (shout) at each other. 8. The baker \_\_\_\_\_ (try) to calm everybody. 9. So he \_\_\_\_\_ (bring) out coffee and cookies for everyone. 10. "What a nice neighbor!", I \_\_\_\_\_ (think). 11. I \_\_\_\_\_ (smile) to myself and \_\_\_\_\_ (go) back to bed. What an exciting neighborhood!

**Q2) Fill in the appropriate verb form in the following sentences:**

1. When Carol \_\_\_\_\_ (call) last night, I \_\_\_\_\_ (watch) my favorite show on television.
2. I \_\_\_\_\_ (work) for this company for more than 40 years when I \_\_\_\_\_ (retire).
3. Sharon \_\_\_\_\_ (love) to travel. She \_\_\_\_\_ (visit) a different country every summer. Next year, she plans to go to Peru.
4. Thomas is a writer. He \_\_\_\_\_ (write) mystery novels and travel memoirs. Last year, he \_\_\_\_\_ (write) one novel, three short stories and a book of poetry.
5. We were late because we had some car problems. By the time we \_\_\_\_\_ (get) to the train station, Susan \_\_\_\_\_ (wait) for us for more than two hours.
6. Sam \_\_\_\_\_ (try) to change a light bulb when he \_\_\_\_\_ (slip) and \_\_\_\_\_ (fall).
7. Everyday I \_\_\_\_\_ (wake up) at 6 o'clock, \_\_\_\_\_ (eat) breakfast at 7 o'clock and \_\_\_\_\_ (leave) for work at 8 o'clock. But this morning I \_\_\_\_\_ (get up) at 6:30, \_\_\_\_\_ (skip) breakfast and \_\_\_\_\_ (leave) for work late because I \_\_\_\_\_ (forget) to set my alarm.
8. Right now, Jim \_\_\_\_\_ (read) the newspaper and Kathy \_\_\_\_\_ (make) dinner. Last night at this time, they \_\_\_\_\_ (do) the same thing. She \_\_\_\_\_ (prepare) dinner and he \_\_\_\_\_ (read) the paper. They are very predictable people!
9. The students \_\_\_\_\_ (be, usually) taught by Mrs. Monty. But next week they \_\_\_\_\_ (be) taught by Mr. Smith.
10. Everybody is so excited because tomorrow, we \_\_\_\_\_ (have) our end of the term party!



**Q5) Underline the adjectives and state their kinds.**

1. Solomon was a wise king.
2. The tiger is a ferocious animal.
3. The foolish crow opened his mouth to sing.
4. You have no sense.
5. She has little intelligence.
6. He showed much patience.
7. We did not receive sufficient rain this year.
8. The whole amount was spent.
9. Each hand has five fingers.
10. There are several pictures in this book.

**Q6) Sentences are given in the active voice. Change them into the passive voice.**

1. He teaches English. / English ..... by him.
  - a) taught
  - b) is taught
  - c) was taught
2. The child is eating bananas. / Bananas ..... by the child.
  - a) are eaten
  - b) are being eaten
  - c) have been eaten
3. She is writing a letter. / A letter ..... by her.
  - a) is written
  - b) is being written
  - c) has been written
4. The master punished the servant. / The servant ..... by the master.
  - a) is punished
  - b) was punished
  - c) has punished
5. He was writing a book. / A book ..... by him.
  - a) was written
  - b) had written
  - c) was being written

6. Who wrote this letter? / By whom .....?
- a) was this letter written
  - b) was this letter being written
  - c) had this letter written
7. Somebody cooks meal every day. / Meal ..... by someone every day.
- a) is cooked
  - b) has cooked
  - c) is cooking
8. He wore a blue shirt. / A blue shirt ..... by him.
- a) wore
  - b) was wore
  - c) was worn
9. May God bless you with happiness! / ..... with happiness.
- a) May you blessed
  - b) May you be blessed
  - c) May blessed you be
10. They are building a house. / A house ..... by them.
- a) is built
  - b) is being built
  - c) was built

**Q7 Change the narration by choosing the correct option:**

1. He said to me, "I am ready".
- a) He told to me that he is ready.
  - b) He told me that he was ready.
  - c) He told me that I am ready.
  - d) He told me that I will ready.
2. Sonia said, "You help my sister".
- a) Sonia said that I helps her sister.
  - b) Sonia said to me that I helped her sister.
  - c) Sonia said that I helped her sister.
  - d) Sonia says that I helped her sister.
3. They said, "We can not live without oxygen".
- a) They said that we can not live without oxygen.
  - b) They said that they can not live without oxygen.
  - c) They said that they would not live without oxygen.
  - d) They says that they can not live without oxygen.

4. Rahul said to me, "We are mortal".

- a) Rahul said to me that we are mortal.
- b) Rahul says to me that we are mortal.
- c) Rahul said to me that we all are mortal.
- d) Rahul said to me that he and I are mortal.

5. The Indian express says, "We shall issue a astrology section in our Thursday's paper".

- a) The Indian express says that it will issue a astrology section in their Thursday's paper.
- b) The Indian express says that they will issue a astrology section in their Thursday's paper.
- c) The Indian express said that it will issue a astrology section in its Thursday's paper.
- d) The Indian express says that it will issue a astrology section in its Thursday's paper.



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**SUB: MATHEMATICS**

**RATIONAL NUMBERS**

1. Name the property under multiplication used in  $\left(\frac{-3}{16} \times \frac{8}{15}\right) = \left(\frac{8}{15} \times \frac{-3}{16}\right)$
2. Name the property under multiplication used in  $\frac{2}{3} \times \left(\frac{6}{7} \times \frac{-14}{15}\right) = \left(\frac{2}{3} \times \frac{6}{7}\right) \times \frac{-14}{15}$
3. By what number should we multiply  $-\frac{2}{3}$ , so the product may be  $\frac{6}{12}$
4. The area of a room is  $\frac{316}{4} \text{ m}^2$ . If its breadth is  $\frac{79}{16} \text{ m}$ , what is its length?  
$$-\frac{2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$$
5. Simplify:  
$$\frac{8}{5} \quad \frac{-8}{5}$$
6. Represent  $\frac{8}{5}$  and  $\frac{-8}{5}$  on the number line.
7. Verify that  $-(-x)$  is the same as  $x$  for  $x = \frac{13}{17}$
8. Find 3 rational number between  $\frac{-2}{3}$  and  $\frac{1}{4}$ .
9. Find  $\frac{3}{7} + \left(\frac{-6}{11}\right) + \left(\frac{-8}{21}\right) + \left(\frac{5}{22}\right)$
10. Find  $\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \left(\frac{-14}{9}\right)$

**Linear equations in one variable**

- Q1. Find the solution of  $2x - 3 = 7$
- Q2. What should be added to twice the rational number  $\frac{-7}{3}$  to get  $\frac{3}{7}$ ?
- Q3. The perimeter of a rectangle is 13 cm and its width is  $2\frac{3}{4}$ . Find its length.
- Q4. The present age of Sahil's mother is three times the present age of Sahil. After 5 years their ages will add to 66 years. Find their present ages.
- Q5. Bansi has 3 times as many two-rupee coins as he has five-rupee coins. If he has in all a sum of Rs 77, how many coins of each denomination does he have?
- Q6. The sum of three consecutive multiples of 11 is 363. Find these multiples.
- Q7. The difference between two whole numbers is 66. The ratio of the two numbers is 2 : 5. What are the two numbers?

Q7. Deveshi has a total of Rs 590 as currency notes in the denominations of Rs 50, Rs 20 and Rs 10. The ratio of the number of Rs 50 notes and Rs 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination she has?

Q8. The digits of a two-digit number differ by 3. If the digits are interchanged, and the resulting number is added to the original number, we get 143. What can be the original number?

Q9. Arjun is twice as old as Shriya. Five years ago his age was three times Shriya's age. Find their present ages.

Q10. Solve and check  $5x - 2(2x - 7) = 2(3x - 1) + \frac{7}{2}$



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**SUB: SCIENCE**

Q1. Terms related to agricultural practice are given below. Rearrange them in the correct sequence and explain them in brief: harvesting, sowing, manuring, tilling and ploughing, irrigation, de-weeding:

Q2. Paddy is a major cereal crop in our country.

- (a) In which season is paddy cultivated?
- (b) Discuss the method of its sowing.
- (c) What measures must be taken to prevent spoilage and insect attack of harvested grains?

Q3. i) (a) Name two diseases that are caused by virus.

(b) Write one important characteristic of virus

ii) Classify the following into friendly and harmful microorganisms.

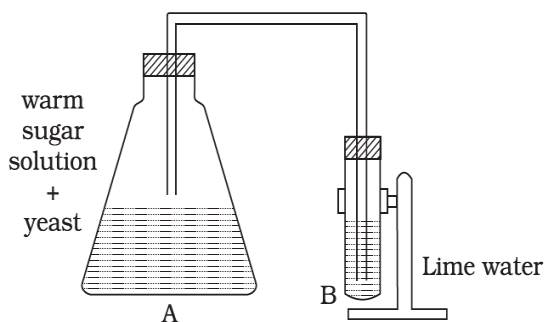
Yeast, malarial parasite, Lactobacillus, bread mould, Rhizobium, Bacillus anthracis

Q4. How do vaccines work?

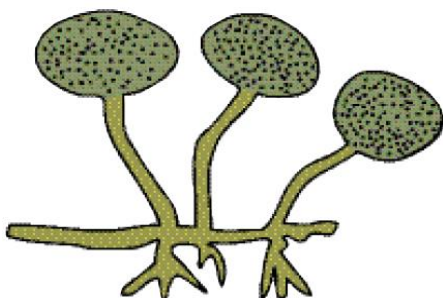
Q5. Observe the Figures given below and answer the questions that follow:



- (a) Write the name of the disease.
- (b) Name the causative agent of this disease?
- (c) How does the disease spread from one plant to another?
- (d) Name any two plant diseases and the microbes that cause them.



- (a) What happens to the sugar solution in A?
- (b) Which gas is released in A?
- (c) What changes will you observe in B when the released gas passes through it?



- (a) Name the microorganism and the group to which it belongs.
- (b) Name the food item on which the organism grows.
- (c) Does it grow well in dry or in moist conditions?
- (d) Is it safe to eat infected bread? Why?



Q6. Give reasons for the following.

- (a) Fresh milk is boiled before consumption while processed milk stored in packets can be consumed without boiling.
- (b) Raw vegetables and fruits are kept in refrigerators whereas jams and pickles can be kept outside.
- (c) Farmers prefer to grow beans and peas in nitrogen deficient soils.
- (d) Mosquitoes can be controlled by preventing stagnation of water though they do not live in water. Why?

Q7. How can we prevent the following diseases?

- (a) Cholera
- (b) Typhoid
- (c) Hepatitis A

Q8. Fill in the blanks.

- (a) A polymer is a chain of many small units joined together which are called \_\_\_\_\_.
- (b) The synthetic fibres are also known as \_\_\_\_\_ fibres.
- (c) The first fully synthetic fibre was \_\_\_\_\_.
- (d) A fibre similar to wool is \_\_\_\_\_.
- (e) A plastic used for making crockery is \_\_\_\_\_.

Q9. Despite being very useful it is advised to restrict the use of plastic. Why is it so? Can you suggest some methods to limit its consumption?

Q10. Write an activity to show that synthetic fibres are stronger than the cotton fibres.

Q11. Give points of difference between manures and fertilizers.

Q12. Discuss briefly the traditional methods of irrigation.

Q13. Name of causative agent of tuberculosis, chicken pox, polio, Typhoid and measles. Write their preventive measures also.

Q14. Draw the Nitrogen Cycle.

Q15. With the help of an activity show that thermoplastic is a bad conductor of electricity.



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**SUB: SSC**

**LEARN AND WRITE EACH QUESTION**

- Q1.What is the problem with the periodisation of Indian history that James Mill offers?
- Q2.How did surveys become important under the colonial administration?
- Q3. Explain the system of “Subsidiary Alliance”?
- Q4.In what way was the administration of the company different from that of the Indian rulers?
- Q5.What is sustainable development?
- Q6.Differentiate between the following:
- a. Potential and Actual resources.
  - b. Ubiquitous and Localised resources.
- Q7.Why is human resources important?
- Q8.Describe the key features of Indian Constitution?
- Q9.Why dose a democratic country needs a constitution?
- Q10.Name and explain all the fundamental rights mentioned in the Indian Constitution?