

ROTARY PUBLIC SCHOOL
SUMMER HOLIDAYS HOME WORK (2019-20)
CLASS VII

ENGLISH

1. Grammar

- Make a chart on the Adverbs. (ROLL NO. 1-10)
- Adjectives and it's types (ROLL NO. 11-20)
- Determiners (ROLL NO. 21 Onwards)
- Give three examples of different rules for clarity and understanding.

2. Factual description-

- Write a descriptive paragraph on the place that you visited during your summer vacation. For example- community park, gallery, amusement park, city, village, place of worship etc.)
- Describe vividly about the place.
- Employ rich descriptive words to make the object come alive while reading.
- Ensure accuracy of spelling, grammar and punctuation.

3. Compose a creative, artistic and an innovative poem.(10-15 Lines)

- Supply a suitable title to your poem.
- Poem should have a proper rhyme scheme.
- Draw or paste related pictures to make it more expressive.
- On Environment (ROLL NO. 1-10)
- On Responsibility (ROLL NO. 11-20)
- On Heroic deeds (ROLL NO. 21 Onwards)

4. Read any story of Ruskin Bond, a renowned Indian author and do the following-

- summary of the story
- important characters
- character sketch of the protagonist of the story.
- moral / message of the story

5. Application Writing

- Write an application to the principal of your school asking to grant you sick leave / urgent work leave.

NOTE:

- Questions 1 and 2 to be done on A3 size sheets
- Questions 3, 4 and 5 to be done on A4 size sheets and put them in a folder.
- The work should be neat and presentable.
- For reference use bbc. All above topics are in the book.

HINDI

1. निम्नलिखित विषयों पर ए 4 साइज़ शीट पर स्लोगन लिखकर आकर्षक पोस्टर बनाओ।
क बेटी बचाओ बेटी पढ़ाओ (अनुक्रमांक 1 से 10)

ख साक्षरता अभियान (अनुक्रमांक 11 से 20)

ग स्वच्छता अभियान (अनुक्रमांक 21 से 30)

घ बाल मजदूरी (अनुक्रमांक 31 से 40)

2. निम्नलिखित विषयों पर सुंदर लिखाई में हिन्दी कार्यपुस्तिका में अनुच्छेद लिखिए:-

1. राष्ट्रीय एकता
2. वृक्षारोपण की आवश्यकता
3. विज्ञान और हम
4. सच्ची मित्रता
5. अनुशासन का महत्त्व

3. वसंत व व्याकरण कार्य पुस्तिका व पाठ्य पुस्तक में करवाया गया कार्य याद कीजिये।

MATHEMATICS

Do the following assignment in a separate thin notebook.

ASSIGNMENT

INTEGERS

- Q1. What should be divided by 7 to get -18? (Ans.-126)
- Q2. Find the product:
 $(-3) \times (-5) \times (-7) \times (-2)$ (Ans. 210)
- Q3. Subtract the sum of -1032 and 878 from -34. (Ans.120)
- Q4. The sum of two integers is -12. If one of them is 8, find the other. (Ans. -20)
- Q5. The difference of an integer a and (-5) is -2. Find the value of a. (Ans. -7)
- Q6. Subtract -134 from the sum of 38 and -87. (Ans. 85)
- Q7. Simplify : $\{-13 - (-23)\} + \{-25 - (-45)\}$. (Ans.30)
- Q8. Simplify using distributive property.
 $15 \times (-42) + 15 \times (-8)$ (Ans. -750)
- Q9. In a class test containing 20 questions , 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. Ranjita attempts all questions and 11 of her answers are correct. What is her total score? (Ans.26)
- Q10. Height of a place A is 1400m above sea level. Another place B is 600m below sea level. What is the difference between the levels of these two places? (Ans.2000)
- Q11. Find the quotient:
 $(-1728) \div 12$ (Ans.-144)
- Q12. By how much less than -3 is -9? (Ans. 6)

FRACTIONS AND DECIMALS

- Q13. A car covers a distance of 89.1 km in 2.2hours. What is the average distance covered by the car in 1 hour? (Ans. 40.5km)
- Q14. A ribbon of length $\frac{21}{4}$ m is cut into small pieces each of length $\frac{3}{4}$ m. Find the number of pieces. (Ans. 7)

Q15. Rani ate $\frac{2}{7}$ part of a cake while her brother Ravi ate $\frac{4}{5}$ of the remaining. Find the part of cake left.

(Ans. $\frac{1}{7}$)

Q16. When 0.02964 is divided by 0.004, what will be the quotient?

(Ans. 7.41)

Q17. A bottle holds 925g of jam. How many Kg of jam will be there in 72 such bottles?

(Ans. 66.6Kg)

Q18. 1 metre of cloth costs Rs. 108.50. What is the cost of 18.5 metres of this cloth?

(Ans. Rs. 2007.25)

Q19. The weight of 37 bags of sugar is 3644.5 Kg. If all the bags weigh equally, what is the weight of each bag?

(Ans. 98.5Kg)

Q20. Monica cuts 46m of cloth into pieces of 1.15m each. How many pieces does she get?

(Ans. 40)

Q21. Simplify: $\frac{12}{25} \times \frac{15}{28} \times \frac{35}{36}$

(Ans. $\frac{1}{4}$)

Q22. Which is greater?

$\frac{1}{2}$ of $\frac{6}{7}$ or $\frac{2}{3}$ of $\frac{3}{7}$

(Ans. $\frac{1}{2}$ of $\frac{6}{7}$)

Q23. Cost of a burger is Rs $\frac{83}{4}$ and of macpuff is Rs $\frac{31}{2}$. Find the cost of 4 burgers and 14 macpuffs.

(Ans. Rs.300)

Q24. How much cloth will be used in making 6 shirts, if each required $\frac{9}{4}$ m of cloth allowing

$\frac{1}{8}$ m for waste in cutting and finishing in each shirt.

(Ans. $\frac{57}{4}$ m)

RATIONAL NUMBERS

Q 25. What should be added to $(-\frac{7}{20})$ to get $(-\frac{2}{5})$?

(Ans. $-\frac{1}{20}$)

Q 26. The sum of two rational numbers is $(-\frac{3}{7})$. If one of the number is $(-\frac{5}{8})$ find the other.

(Ans. $\frac{11}{56}$)

Q27. The sum of two rational numbers is $(-\frac{5}{8})$. If one of the number is $(-\frac{6}{11})$, find the other number.

(Ans. $-\frac{7}{88}$)

Q28. To which number should $\frac{2}{3}$ be added to give $(-\frac{11}{4})$?

(Ans. $-\frac{41}{12}$)

Q29. Arrange the following rational numbers in the ascending order:

$\frac{5}{6}, \frac{7}{8}, -\frac{11}{12}, -\frac{3}{10}$

(Ans. $-\frac{11}{12}, -\frac{3}{10}, \frac{5}{6}, \frac{7}{8}$)

Q30. Find the rational number between:

a) 3 and 4 b) -7 and -6

(Ans. a) $\frac{7}{2}$ b) $-\frac{13}{2}$)

Q31. Verify the property $a \times b = b \times a$ by taking :

$a = (-\frac{12}{7}), b = (-\frac{21}{5})$

Q 32. By what number should $(-\frac{6}{11})$ be multiplied to get $(-\frac{32}{11})$?

(Ans. $\frac{16}{3}$)

Q 33. Write the following rational numbers in the standard form:

a) $-\frac{24}{40}$ b) $\frac{-45}{-105}$

(Ans. a) $\frac{-3}{5}$ b) $\frac{3}{7}$)

Q34. Compare the following rational numbers:

a) $-\frac{9}{27}$, $\frac{6}{-18}$ b) $-\frac{5}{7}$, $\frac{10}{-6}$

(Ans. a) = b) >)

Q 35. Arrange the following rational numbers in the descending order:

$\frac{2}{-3}$, $-\frac{4}{9}$, $-\frac{5}{12}$, $\frac{7}{-18}$

(Ans. $\frac{-7}{18}$, $\frac{-5}{12}$, $\frac{-4}{9}$, $\frac{-2}{3}$)

Q36. Represent the following rational numbers on the number line:

a) $-\frac{3}{4}$ b) $\frac{31}{-6}$

SCIENCE

Note: Please do the activity given here on A-3 sheet and assignment on your science note book

Activity based question:

In our daily life we use the various modes of heat transfer. We use various types of materials based on them. Observe the figure carefully in picture shown here and then answer: fig1

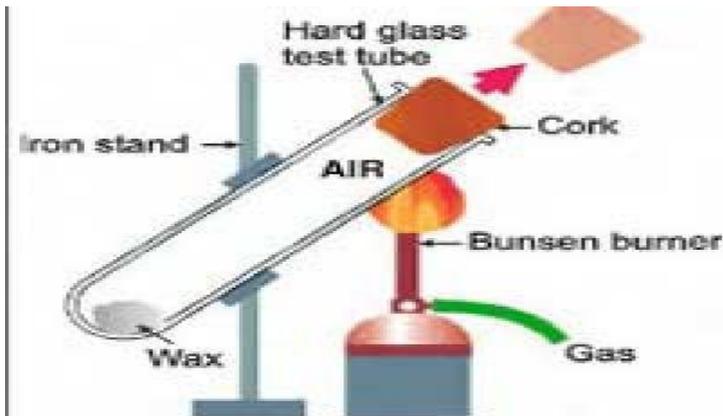
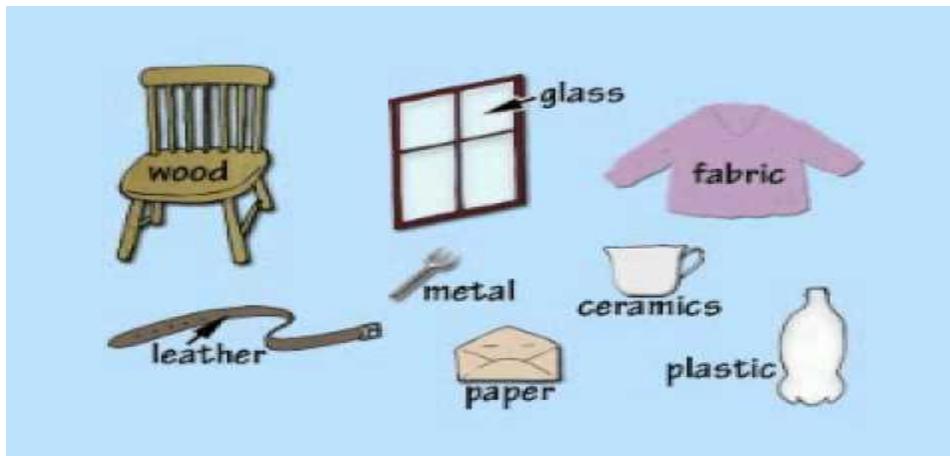


Fig2



Fig3



Objective:

1. The children will be aware about the various modes of heat transfer.
2. The children can improve their observation skills.
3. The children will be aware about the uses of materials.

- Q:**
1. Observe the picture given here and make a list of modes of heat transfer in fig 1 you can see. (all the std)
 2. Make a list of heat transfer by various methods in fig 1. (Roll no.1-15)
 3. Make a list of good and bad conductors as shown in fig 2. (Roll no.16-30)
 4. Make a list of good and bad conductors as shown in fig 2. (Roll no.-31 onwards)

Assignment:

1. Observe the fig1 and answer by which mode/modes of heat transfer the heat reaches to wax?
2. Why does the cork come out as shown in fig 1?
3. Which metal is used in thermometer and why?
4. In cheaper thermometers some other liquid is used, name that liquid.
5. What is the role of kink in thermometer?
6. Now a days we are using digital thermometers and avoid mercury thermometers, explain why?
7. Why the ruminants do not chew the food at the time they take it in?
8. Why the temperatures of hot liquids can't be measured using clinical thermometers?
9. Boojho wonders that a piece of wood and a piece of iron, if kept outside during summer, iron piece seems hotter than wooden piece explain why?
10. The insectivorous plants can't be considered as heterotrophs explain why?
11. Boojho wonders the body temperature can't be measured using laboratory thermometer explain.
12. The plant other than green leaves are autotrophs, explain.
13. What is meant by 'Saprotrophs'?
14. Draw the symbol which assures that the cloth is made of pure wool.

15. How does the food move in oesophagus of alimentary canal?
16. Name the largest digestive gland in human body.
17. Why the leguminous crops do not need nitrogenous fertilizers?
18. The window panes stop the heat rays coming into the room explain how?
19. Which of the two is longer small intestine or large intestine? Why are they so called?
20. Explain the symbiotic relationship in lichenes.
21. Write down the role of liver in digestion.
22. Tabulate the name, number and function of different type of teeth.
23. Give reason after harvest the soil becomes deficient in nitrogen.
24. Why fungi are saprotrophs?
25. write down some uses of insulators.
26. How umbrella protects us from solar radiations?
27. A hot iron rod is kept in contact of ice after some time what may be the temperature of rod . Explain
28. The ice cream stick is made of wood explain.
29. What do you mean by egestion?
30. Name the digestive organ which stores bile juice.

SOCIAL SCIENCE

Revise the syllabus done in the class. Do the given assignment in a thin separate notebook.

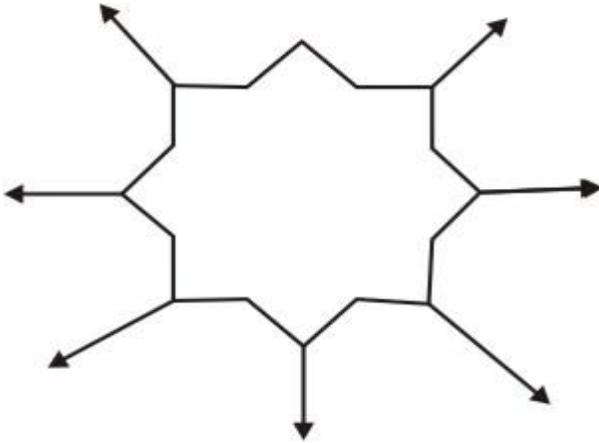
ASSIGNMENT

1. Name the holy book of Muslims.
2. Define the periods in which British historians divided the Indian history.
3. In which year was the first battle of Tarain fought?
4. For what purpose were the resources obtained from the people used?
5. Describe the Doab.
6. Who built the Begumpuri Mosque?
7. This is the picture of a mosque and minaret built during the last decade of the twelfth century.

Answer the following questions related to this picture:



- a. What is a mosque called in Arabic?
 - b. Why did the Delhi Sultans build mosques in cities all over the subcontinent?
 - c. In whose reign was the Moth ki Masjid built in the reign of Sikander Lodhi by his minister.
 - d. Why was it necessary to reinforce the idea of a community among the Muslims?
8. Complete the figure showing components of human environment.



9. What rocks have been used to make the following buildings?

- (a) Red fort
- (b) Taj Mahal

10. Define plates. How do they move?

11. What are the two external forces?

12. Match list X with list Y

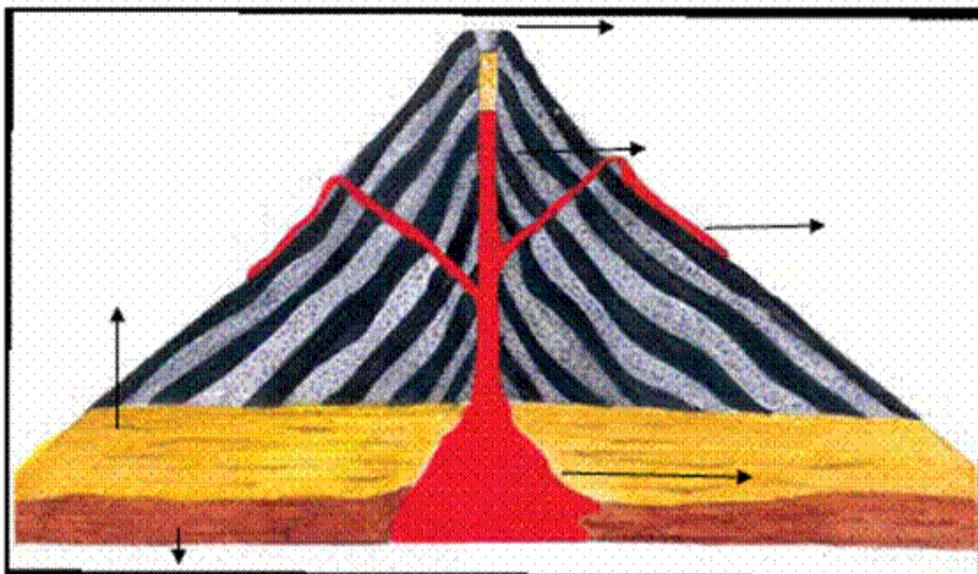
List X

- A. Angel waterfalls
- B. Niagra
- C. Victoria
- D. Jog

List Y

- (1) USA
- (2) India
- (3) Zambia
- (4) Venezuela

13. Name the various parts of volcano.



14. Which institution directed the expansion of Mid-Day Meal scheme?
15. Which Indian Dalit leader came to be known as the messiah of Dalit?
16. Raman is visually impaired and gets thirty minutes extra to finish his exam. Is this discrimination towards other students who get three hours to finish the same exam?
17. What is a cooperative?
18. How did the court restore justice to Hakim Sheikh?
19. What lessons can be learnt from the case of Costa Rica?
20. What happens when no single party secures majority in the Parliament?
21. State any four important subjects from the state list.
22. Define coalition government.
23. Name the two houses of the State Legislature in India.

ACTIVITIES:

- Select any two monuments of the Medieval period and collect information on them and make a PPT. Include the following points- (Location, History, architecture, description etc.) (Roll no 1-12)
- Make a pictorial presentation on an A3 sized sheet with slogans on 'The use of plastic can be fatal'. (Roll No 13-24)
- Make a travelogue in the scrap file on Suraj Kund Mela emphasizing the following parameters:
 - ❖ Location on the political map of India
 - ❖ Tourist attractions
 - ❖ Cultural significance
 - ❖ Arrangements for public convenience (Swachata mission)
 - ❖ International impact

Travelogue reflecting the innovation and originality will be appreciated. (Roll No.25 onwards)

ART AND CRAFT

Working hanging lamp (use any material) Innovative, scientific skills can be developed.