

ROTARY PUBLIC SCHOOL
SUMMER HOLIDAYS HOME WORK (2018-19)
CLASS VIII

ENGLISH

1. Subject Verb Agreement

- Make a chart on the **Subject Verb Agreement**.
- Give two examples of different rules for clarity and understanding.

2. Dialogue Writing- Write a conversation between two friends discussing about the hill stations they visited during their summer vacation.

- Minimum ten dialogues must be there for both the participants.
- Avoid use of monosyllables like **Yes, No Ok, Thank You** and incomplete sentences.
- Dialogues should be legible, clear and accurate.

3. Compose a creative, artistic and an innovative poem.

- Supply a suitable title to your poem.
- Poem should have a proper rhyme scheme.
- Draw or paste related pictures to make it more expressive.

4. Read any story of Munshi Premchand, 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.**

HINDI

1. सार लेखन (व्याकरण पुस्तक पृष्ठ -224)
2. अपठित गद्यांश (व्याकरण पुस्तक पृष्ठ -240,241)
3. अपठित पद्यांश (व्याकरण पुस्तक पृष्ठ -243,244)
4. शुद्ध – अशुद्ध (व्याकरण पुस्तक पृष्ठ -183,184)
(निर्देश- 1-4 तक का कार्य व्याकरण पुस्तक में ही करें |)

5. चित्र सहित कविता लेखन (A-3 शीट)

- भगवान् के डकिए (अनुक्रमांक 1-7)
- दीवानों की हस्ती (अनुक्रमांक 8-14)
- सुदामा चरित(कोई दो पद) (अनुक्रमांक 15-21)
- चिडियाँ (अनुक्रमांक 22-28)
- पिता के बाद (अनुक्रमांक 29-38)

6. डिजिटल इंडिया विषय पर A-3 शीट पर आकर्षक पोस्टर बनाएँ ।

7. कक्षा में करवाया गया सम्पूर्ण कार्य दोहराएँ ।

FRENCH

Make a chart/model/collage on any one of the following topics:

La mode/ la fête nationale/ Marie Curie/ Jean d'Arc/ Pâques.

Following work is to be done on the assigned day of every week .

Every Monday- Write 10 sentences each of adjective possessives and adjectfs demonstratifs. Practise making the tables of the respective topics too.

Every Tuesday-Make 10 sentences using the verbs of the different groups. (verbs can be repeated on the same day only).

Every Wednesday- Make 10 sentences using adjectifs .

Every Thursday-Write 10 new words from the vocabulary section of L-1,2,3,4 and make sentences using them .

Every Friday-Paragraph writing on the following topics (10 -12 lines)

1. Ma maison
2. Tajmahal
3. La tour Eiffel
4. Noël
5. Paris

-All the written work is to be done in a separate notebook. Decorate it beautifully.

MATHS

Solve the following questions in a thin notebook .

Answers are given along ith the questions in brackets .

RATIONAL NUMBERS

1. Represent the following on number line

(i) $-3/4$ (ii) $7/3$ (iii) $-7/4$

2. Simplify $-16/35 \div 15/-12$ (64/175)
3. Find five rational numbers between $1/3$ and $2/3$
4. By what number should be subtracted from $\frac{-4}{5}$ to get $\frac{-11}{14}$? (-1/70)
5. Divide the sum of $-12/7$ and $13/5$ by the product of $-1/2$ and $31/7$ (-2/5)
6. Area of rectangular field is $10\frac{1}{2}$ square meter. If the length of the field is $2\frac{3}{4}$ Meter . find its breadth. (11/3)
7. Divide the sum of $-5/4$ and $-1/3$ by their difference . (19/11)
8. Simplify $-3/10 + (-3/20) + 7/15 + (-9/10) + (-13/20) + 13/15$ (-2/3)
9. Simplify $(7/2 \times 5/3) + (\frac{1}{6} \times 3/2) - (\frac{4}{3} \times \frac{13}{8})$ (47/12)
10. Evaluate $\frac{3}{7} + \frac{-6}{11} + \frac{-8}{21} + \frac{5}{22}$ by rearranging the rational numbers using properties of addition. (-125/462)

LINEAR EQUATIONS IN ONE VARIABLE

Solve the following equations (11 to15) and check your solution

11. $\frac{3}{x+8} = \frac{4}{6-x}$ (x = -2)
12. $\frac{3x-2}{4} + x = \frac{2}{3} - \frac{2x+3}{3}$ (x = 2/29)
13. $5 - 3(5x+2) = 4(7 - 3x) + 1$ (x = -10)
14. $(x - 2)(x + 5) + 12 = (x + 3)(x - 4) - 2$ (x = -4)
15. $\frac{x+1}{2x+3} = \frac{3}{8}$ (x = 1/2)
16. The sum of two numbers is 70 . Their difference is 16 . Find the numbers . (43 , 27)
17. The organizer of a story writing competition decided that the winner in the competition will get a prize of Rs. 200 and the participant will get Rs. 50 . The total prize money is Rs . 6000 . Find the number of winners if the total number of participants is 60 . (20)
18. The difference between two positive integers is 36 . The quotient when one integer is divided by the other is 4 . Find the two integers . (48 , 12)
19. Find two consecutive even integers such that two - fifth of the smaller exceeds two - eleventh of the larger by 4 . (20 , 22)
20. If $5/4$ times a number results in the value of a number increasing by 10 . Find the

number .

(40)

UNDERSTANDING QUADRILATERALS

21. Find the number of sides of a regular polygon whose each exterior angle has a measure of 45°
22. In an isosceles triangle , the vertical angle is 40° . Find the other two angles of the triangle . (70° each)
23. In a rectangle CALM , CA = 4 cm AL = 3 cm . Find the lengths of its diagonals CL and AM . (5cm each)
24. The shortest side of a parallelogram is 3.6 cm and the longer side is half as much again as the shorter side . Find the perimeter of the parallelogram . (18 cm)
25. write four properties of square, parallelogram and rhombus.
26. If the diagonals of a rhombus are 24 cm and 10 cm long, find the length of each side of rhombus. (13 cm)
- 27.. In a rectangle KITE , diagonal KT = 13 cm , IT = 5 cm . Find KI , KE and ET (12cm , 5cm , 12cm)
28. What is the minimum interior angle possible for a regular polygon ? why?
29. In a rectangle RENT ,its diagonals meet at O, find x if OR = $2x+4$ and OT = $3x+1$ (x=3)
30. The perimeter of a parallelogram is 85 cm. If the ratio of two sides of the parallelogram is 2:3 , find the lengths of the sides of a parallelogram. (17, 25.5 cm)

SCIENCE

PART-A

- 1 Biodiversity is essential for the existence of many plants and animal species. There is threat to these species due to loss of biodiversity. World Conservation Union (WCU) assesses the global conservation status of plant and animal species. All the species are classified into nine groups. Extinct and Endangered are two categories among them.
 - a. Draw or paste two Extinct Species of your choice on A-3 sheet and write the information about them with respect to their: (i) Native place (ii) Habitat (iii) Feeding habits and any other interesting fact. (Roll no. 1-8)
 - b. Draw or paste two Endangered Species of your choice on A-3 sheet and write the information about them with respect to their : (i) Native place (ii) Habitat (iii) Feeding habits and any other interesting fact. (Roll no. 9-16)
- 2 If you look at the labels of T-shirts and other readymade garments, you will notice that they specify the type of fibres used. These labels tell us that a clothing material can either be purely synthetic or a mixture of natural and synthetic fibres etc. Collect the labels of 10 readymade garments and paste them on A-3 size sheet. (Roll no.17-24)

Record the information in the format shown below:

S. No.	Type of garment	Type of fibre (Natural/Synthetic)	Percentage composition of the fibre	Remarks Washing & (maintenance instructions)
1				
2				
3				

3 Make a beautiful poster on the “Usefulness of Micro-organisms” on A-3 size sheet.
(You can use cuttings/drawings) **(Roll no.25.-32)**

4 Make a calendar in tabular form regarding the following diseases:
Tuberculosis, Polio, Malaria, Aids, Dengue in the format shown below:

S. No.	Name of disease	Causative microorganism (with diagram)	Mode of transmission	National health programme associated with it	
				Year launched	Symbol
1					
2					
3					
4					
5					

Note-

(Roll no.32-40)

- Use chart paper
- You can take help from primary health centre, internet or any feasible source.

PART-B

Answer the following questions:

- Why is it said that, “microorganisms help in cleaning up of the environment”?
- Viruses are living or non-living. Comment with reasons.
- Name two plant diseases caused by fungi.
- Explain the process of nitrification and de-nitrification.
- Write the harmful effects of fungi and algae.
- Manufacturing synthetic fibres is actually helping conservation of forests. Comment.
- Which fibre will you prefer to get your raincoat stitched?
- Write short note on polymerisation.
- Name the component fibres of polycot, terry wool and cots wool.
- Name the polymer that is used in protective clothing for fire fighters.
- Name two biodegradable synthetic fibres.
- Name the polymer that is used in protective clothing for fire fighters.
- What are advantages of using a seed drill?
- Give reason why earthworms are called farmer’s friends?
- Why do farmers level the field before sowing?

Note- All the questions of Part-B may be attempted in Class Work Note Book.

SOCIAL SCIENCE

Revise the syllabus done in the class. Do the given activities in your scrap file.

1. Prepare a report on the elections for state legislative assembly held in Karnataka(May,2018). Collect all the information through newspaper, magazines or internet. Paste the relevant pictures in A-4 size sheet and arrange them in file your scrap file.

- Mention number of constituencies.
- Main parties contesting in elections with their party symbols.
- Procedure of election.(Announcement of dates,nomination,campaigning,polling day)
- Result

2. Prepare a SCRAP FILE on the following topics:

Subsidiary Alliance-

Doctrine of Lapse-

- Founder
- Areas annexed (with the help of map)
- Other relevant information

3. Soil is everywhere in fields,gardens,woods,even in pots in house plants. Keeping in view the above statement create a poster depicting soil profile (On A 4 Sized sheet) and give different ways of conservation of soil in our day to day life. Paste pictures also to make it attractive.

ART & CRAFT

By using paper or any material, make Decorative Flower Pot with artificial flowers.