Class VIII
Summer Holiday Home Work

English

Grammar book: Ln-24 - Q. 7, g

(Creative Writing) Ln-21 – Q. A (1-12)   Ln-31- Q. A

Vocabulary:

    Ln-16   Learn 1 to 5

    Ln-17   Learn   1 to 5

Activity based:

1. Write dialogue between your green grocer and you.
2. Make poster:

   a. Mother's Day   1-10
   b. No Tobacco Day   11-20
   c. World's Environment Day   21-30
   d. International Yoga Day   31-40
   e. Father's Day   41-50

3. Write 7 amazing facts about 'English'

Hindi

1. 1.06.2019 से 25.06.2019 तक प्रतिदिन डायरी लेखन
2. निबन्ध – महंगाई एक समस्या L/W
3. साहित्य– दो पाठ याद करना है।
4. व्याकरण– दो पाठ याद करना है।
5. बालश्रम पर एक पोस्टर (चार्ट पेपर पर) बनाइए।

Maths

1. Express $\frac{-3}{7}$ as a rational number with denominator (a) 49   (b) 147
2. Arrange the following rational number in ascending order: $\frac{4}{-9}, \frac{-5}{12}, \frac{7}{-18}, \frac{-2}{3}$
3. Represent $6\frac{1}{7}$ on number line.
4. Represent $\frac{-16}{3}$ on number line.
5. Find the sum of $\frac{2}{-9}$ and $\frac{4}{7}$
6. Write the additive and multiplicative inverse of $\frac{-4}{7}$ and $\frac{5}{9}$
7. Add the following using the rearrangement property: $\frac{-13}{20} + \frac{11}{14} + \left(\frac{-5}{7}\right) + 1$
8. Simplify: $(-3) \times \left(\frac{2}{-14}\right) \times \left(\frac{-5}{12}\right) \times \left(\frac{7}{15}\right)$

9. Divide: $\frac{-3}{4}$ by $\frac{-5}{9}$

10. By what rational number should we multiply $\frac{11}{5}$ to get $\frac{-33}{25}$?

11. Divide the product of $\frac{5}{9}$ and $\frac{-6}{5}$ by their difference.

12. Find 3 rational number between $\frac{1}{4}$ and $\frac{-1}{4}$

13. Find 10 rational numbers between $\frac{1}{4}$ and $\frac{1}{3}$

14. Verify $|x \times y| = |x| \times |y|$ if $x = \frac{-7}{3}$, $y = \frac{9}{5}$

15. Verify $|x + y| \leq |x| + |y|$ if $x = \frac{4}{7}$ and $y = \frac{11}{9}$

16. Verify $|x + y| \leq |x| + |y|$ if $x = \frac{-11}{10}$ and $y = \frac{15}{7}$

17. Verify $x \times (y + z) = x \times y + x \times z$ if $x = \frac{2}{5}$ $y = \frac{-6}{7}$ $z = \frac{11}{5}$

18. Find the sum of additive and multiplicative inverse of 3.

19. Express the following in the exponential form: (a) $\frac{64}{125}$ (b) $\frac{-1}{27}$

20. Evaluate: $\left\{ \left(\frac{4}{3}\right)^{-1} - \left(\frac{1}{4}\right)^{-1} \right\}^{-1}$

21. Simplify : $(6^{-1} + 8^{-1})^{-1} + (3^{-1} + 2^{-1})^{-1}$

22. Write the reciprocal of $\left(\frac{-7}{8}\right)^{-2}$

23. Evaluate: $\left(\frac{5}{9}\right)^{-2} \times \left(\frac{3}{5}\right)^{-3} \times \left(\frac{3}{5}\right)^{0}$

24. Find x, $6^{2x+1} \div 36 = 216$

25. By what number should $(-7)^{-1}$ be multiplied so that the product becomes $(-14)^{-1}$?

26. Find the value of $a + 2^a(a)$ if $a = 3$

27. Simplify $7\frac{2}{3} - 4\frac{5}{12} \ 2\frac{1}{6}$

28. Find x, $\frac{2x+5}{3} = 3y - 10$

29. If the sum of four consecutive numbers is 266. Find the number.

30. Find the ratio of:

     a) 30 days to 36 hours

     b) 2 km to 250 m.

31. If angles of a triangle are in the ratio $2 : 3 : 4$. Find the value of each angle.

32. Selling price of a toy car is ₹540. If the profit made by shopkeeper is 20%. What is the cost price of this toy?

33. Pg. No. 24   Q. No. 8, 14

34. Pg. No. 26   Q. No. 3

35. Pg. No. 29   Q. No. 3

36. Pg. No. 32   Q. No. 2, 3, 6

37. Pg. No. 40   Q. No. 4 (iv)

Activity

1. Make any 4-types of quadrilateral with the help of
    a. Match stick
    b. Ice-cream stick
2. Write about any Indian Mathematician and his theory in 100-120 words.

Physics

Activity-I   Explain with the help of activity that pressure exerted by liquid depends on height of liquid column. (Roll no. 1-15)

Activity-II   To show that liquid exerts equal pressure at the same depth.   (Roll no. 16-30)

Activity-III   Explain with the help of an activity that pressure on the wall of container remain same by the liquids. (31-last)

Qus-   What do you understand by force? Describe different application of force on an object. (all students)

Qus-   Describe the different type of forces in the category of contact and non-contact force. (all students)

Lean Lesson-11 completely (all students)

Chemistry

1. To study the water absorbing capacity of different fibres cotton, silk, nylon, wool. Record your observation and conclude which fibre has highest water absorbing capacity. Roll. No. 23- last
2. Make a list of 10 synthetic materials used in your daily life. Collect picture and information about.
    a. Their monomers
    b. Type of syn. plastic
    c. Uses

Paste in scrapbook Roll No. 1 – 23

Biology

1. Collect different types of seeds and put them in small plastic bags. Attach these bags in a herbarium file and label them.
2. Visit a farm, nursery or garden nearby with your parents gather information about
    a. Importance of seed selection
    b. Method of irrigation
    c. Fertilizers and manure used
3. Learn- Chapter-1 (Cell-Structure & Functions)

G.K.

1. Page No. 7,8,9,10,13,15,16,17
2. Activity: Write daily two very famous News (One national and one International and discuss to your parents)

S.St

History-

a) Prepare your own album by collecting pictures of various sources of modern history and write the kind of source it is. Also write how the given pictures serve as sources of history. (Roll No. 1-10)

b) Prepare your own album by collecting pictures of the great explorers who discovered distant lands. Write about their achievements. (Roll no. 11-20)

Civics:

a) Make set of posters showing how secularism and democracy is followed in our country. (21-30)

b) Prepare a beautiful chart of preamble and lean it by heart.

Geography: Learn and write all questions/Answer Book Exercises, Diagrams, differentiate between.

Activity: Prepare a chart showing the classification of Resources with pictures related to it. (Roll no. 31-last)

Learn ch-1 in History and Geography and Ch 2 from Civics from notebook and book.

Computer

1. Write a detailed description on any two cutting edge technologies.
2. Augmented Reality (a) Virtual Reality   (b) Internet of things   (c) Big Data Analytics
3. Write a short note on 'Cyber Saafety'