**Holiday Homework Grade 7th**

**English**

1. Do pages 17, 18 and 21 to 29 of Bravia Holiday Package.

2. Read Unit 1 of Reader Book and do the exercises given at the back of each chapter.

3. Read English newspaper daily to enrich your vocabulary and write 20 vocabulary words with their meanings in your English notebook.

**Computer**

* Prepare a presentation on “Different Generations of Computer”.
* Prepare a chart on shortcut keys used in the Ms-word

**Social Science**

1. Write the name of the current Prime Minister of our country and his council of ministers.

2. Do reading of chapters-2,19,20 and frame 5 internal questions from each chapter and write in the notebook and prepare these chapters for test after holidays.

3. Do map skill- pg- 81,89,109 in notebook.

4.Draw diagrams of chapter-3 in notebook.

**Punjabi**

1H ;/y caohd d/ 5 ;b'e fbyD/ s/ :kd eoB/.

2H jk;o; g?dk eoB bJh 5 u[Neb/ fbyD/ s/ :kd eoB/.

3H fJZe uzr/ r[nKYh ftZu eh r[D j'D/ ukjhd/ jB. 10 tke fby'.

4H gzi ;[b/y fby'.

**Art**  Prepare a wall hanging from waste bottles.

**Hindi**

* ik sI BI a¬pfdn k I ibkR I ky ilE Ek Afk >ék ivĔfpn qYXfr k IijE[
* mffqf ipqf AOr bòcoM ky bIc sMæk froM k o lyk r sMvfd iliKE[

AQvf

* ipqf puZ ky bIc mobfel Pon k y mh¬v iv>X pr hueé bfqcIq k o sMvfd ky }p myM iliKE[

**General Knowledge**

1. Write 20 question /answers of current affairs related to Cabinet Ministers and sports.
2. Write 10 Abbreviations related to Sports and Defence.

**Dharam Shiksha**

ævfmI dXfnNd jI ky jIvn pr Apny ivcfr ilKo[

**Science**

* Revise the chapters done in the class. Be prepared for the quiz to be held after summer break.
* Prepare an assignment on Global Warming.
* Do assignment sheet.

**SUBJECT SCIENCE**

1. What are nutrients?
2. Nam two main types of nutrients?
3. Name the organism having two types o nutrition?
4. Write down the chemical equation of photos synthesis?
5. Nam the cell surrounding stomata?
6. Nam the ultimate source of energy on earth?
7. What is the initial product of photosynthesis?
8. What are insectivores plants
9. Name the hardest substance in human body?
10. What are taste buds?
11. Nam the four types of teeth present in human?
12. What are atoms?
13. What are molecules?
14. Write the name of any two pure substances?
15. What are ions?
16. What is the procedure to write chemical formula?
17. Nam the acid known as king of chemical. And why?
18. Name any two fruit containing citric acid?
19. Name any two fruit containing Tartaric acid?
20. Name the acid present in wasp sting?
21. What is acid rain?
22. What is the harmful effect of acid rain?
23. Name the acid present in human stomach?
24. What is indicator?
25. Name some natural indicator?
26. What are antacid? How do they act on our body?
27. Write down the chemical a name and chemical formula of followings?
28. Caustic soda
29. Caustic potash
30. Baking soda
31. Washing soda
32. Limestone
33. Quicklime
34. What is green house effect?
35. What is global warming?
36. Name the gases responsible for this?
37. What are the diseases caused by taking contaminated water?

**SUBJECT MATH**

1. Evaluate $\frac{-7}{4}$ + $\frac{5}{3}$ + $\frac{-1}{2}$ + $\frac{-5}{6}$

2. Verify $\frac{7}{5}$ × {($\frac{-3}{12}$) +$\frac{5}{12}$} is same as {$\frac{7}{5}$ × ($\frac{-3}{12}$)} + {$\frac{7}{5}$ ×$\frac{5}{12}$}

3. Express $\frac{-128}{5120}$ with denominator 40.

4. Divide the sum by the difference of two rational numbers X=$\frac{-7}{8}$ and Y=$\frac{6}{9 }$ .

5. Verify that the product of the rational numbers $\frac{-3}{4},$ $\frac{5}{7} $ and $\frac{3}{6 }$ remains same even after changing the groupings.

6. Find the reciprocal of $\frac{-2}{3 } ×\frac{4}{7}-\frac{3}{5} ÷\frac{6}{7} ×\frac{2}{5}$ .

7. What number should be added to $\frac{-3}{5} $ to get$\frac{3}{7} $?

8. Insert five rational numbers between $\frac{1}{3} $and$\frac{-1}{3} $.

9. Express the 5 × 0.16 -0.52 + 8.263 in the lowest form.

10. Find the decimal representation of (i) $\frac{-23}{7} $ (ii) $\frac{523}{15}$ .

11. Express the following in the lowest form of rational numbers

 $\frac{1}{7}$ × 0.049 + $\frac{3}{8}$ $-$ $\frac{7}{20}$.

12. Compute the following

 0.02472 ÷ 0.008 × $\frac{2}{5}$

13. Simplify the given expression in the decimal form

 $\frac{2}{5}$ + $\frac{3}{10}$ + $\frac{7}{25}$

14. Add the following decimals

 13, 10.5, 12.006, 30.0012

15. Simplify and show that it is terminating or non terminating$\frac{1}{3}+\frac{2}{7}+\frac{3}{5}+\frac{5}{6}$.

16. Convert the following in the decimal form

 (a) $\frac{4}{25}$ (b) $\frac{-7}{80}$

17. Simplify $\frac{2 }{3}$ + $\frac{31}{48}$ - $\frac{16}{9}$ +$\frac{1}{12}$.

18. Simplify (75.05 ÷ 0.05) × 0.015 + 6.023

19. How many lines of symmetry will the following have?

 (a) Scalene triangle (b) Quadrilateral

 (c)Circle (d) A regular pentagon

 (e) An equilateral triangle (f) A regular hexagon

20. Write three rational numbers between $\frac{2}{3}$ and$\frac{3}{2}$.

 ACTIVITY

Write the English Alphabets which have

(i) One line of symmetry. (ii) Two lines of symmetry

(iii) No line of symmetry (iv) many lines of symmetry.

# Learn tables 2 to 20.

# Revise chapters 1, 2, 3, 13.

# Quiz will be held after vacations.