

**SUMMER VACATION HOMEWORK – 2017-18**  
**CLASS – VI B**

SL. No.	SUBJECT	WORK ASSIGNED	
1	English	1. Oxford Reading Circle - Read the chapter "The Golden Crab" and prepare a summary 2. Oxford Modern English - Read the chapters "Home Sweet Home" and 'The Girl on the Train' and answers the questions at the back of the text 3. Prepare a chart on the life and works of Oscar Wilde 4. Write a paragraph of 150-200 words describing your morning routine. Use simple present tense. 5. Write a small paragraph on the most memorable or important day of your life.	
2.	Hindi	1 परियोजना-सरकारविदेशजानेवाले यात्रियोंकोकैसेरोकसकतीहै? 2 कार्य-प्रपत्र -व्याकरणसे अपनीकॉपीमेंहीकार्यकरेंतथाविदेशमेंरहनेवालेभारतीयों के चित्र लगासकतेहैं। कार्य-प्रपत्र कोभीअपनीकॉपीमेंलगाएँ।	
3.	Math	Solve the questions given.	
4.	Physics	Make PPT on 'Energy and its Conservation'. Make a Model of a modern 'Eco house'. Also write the utility of an Eco house on a piece of chart paper.	
5.	Chemistry	Solve the worksheet given.	
6.	Biology	Prepare a project on a chart paper on the topic of - DOCTORS PAST AND PRESENT	
7.	History	1. Prepare a chart on monarchs. Differentiate between medieval and present day monarchy. 2. For the Social Science Magazine do any one of the following topics:- a. Write an article on the National Flags of different countries and the meaning of their colour. b. Write a travelogue on any international destination you have visited. 3. Puzzles on Social Science(history, geography, civics, economics only) 4. Poems on Social issues: Poverty, Women Empowerment, Cleanliness Drive, Social Networking etc.	
8.	IT	Prepare a chart on various input and output devices along with their pictures and brief explanation. Eg. Bar Code Reader, LCD Projector, etc.	
9.	Spanish	Watch a Spanish movie with English subtitles and on a chart paper, put the picture of the movie poster, director's and actor's name, IMDB rating and your own personal movie review.	

**SUMMER HOLIDAY HOMEWORK – 2017-18**

**CLASS: VI AB**  
**SUB. : CHEMISTRY**

**CHAPTER- MIXTURES**

**1. Choose matter from the following list:**

Milk, Respect, Chalk powder, Sand, Iron , Sadness, Bottle , Weak

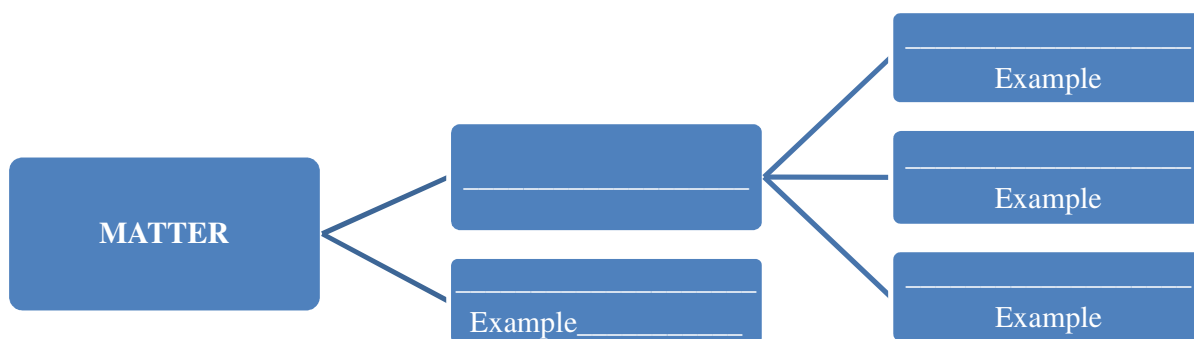
**2. Classify the following as pure substance or mixture:**

Distilled water, Pond water, Iron , Sand, Sea water, Tap water

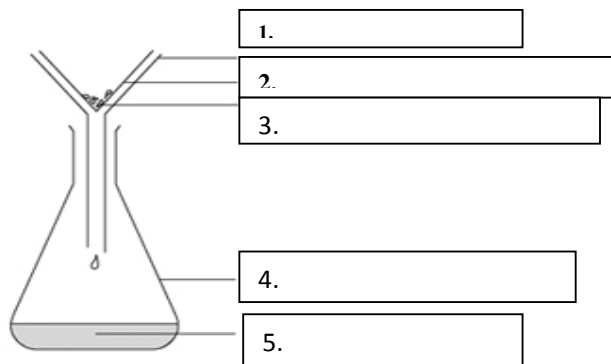
**3. Classify the following as solution, suspension or colloids:**

- a) Mixture of sand and water   b) Mixture of salt and water   c) Hand cream   d)Milk  
e) Cold drinks   f) Paint   g) Muddy water

**4. Complete the following :**



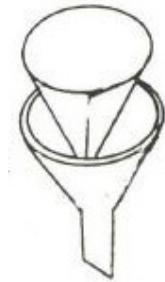
**5. The figure below shows apparatus for filtration . Mark each component(s):**



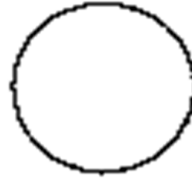
6. The figure below shows the steps for folding a filter paper. Write them in correct order:



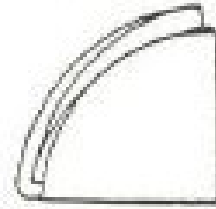
A



B



C

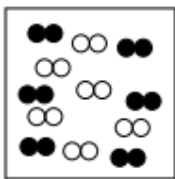


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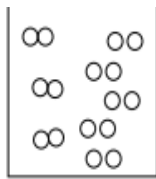
7. Answer the following questions:

- Draw a flowchart to summarise the stages of water treatment.
- Write down the difference between solution, suspension and colloid.
- Identify the residue and filtrate when a mixture of sand and water is separated by filtration.
- Name the process by which insoluble solids can be separated from a liquid

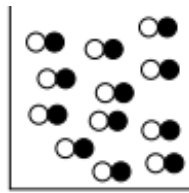
8. From the diagram below identify pure substance and mixture. In case of mixture identify the number of kinds of particles present:



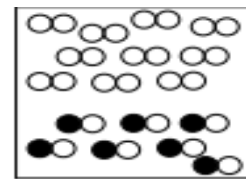
A



B



C



D

## PROJECT WORK

On a half chart paper do the following:

Write down about two apparatus used in chemistry laboratory .Follow the following format.

- 1.Name of the apparatus –
- 2.Material used to make the apparatus-
3. Use of the apparatus in laboratory-
4. Neat and clean diagram of the apparatus

**SUMMER HOLIDAY HOMEWORK – 2017-18**

**CLASS: VI AB**  
**SUB. : MATHEMATICS**

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- Write each amount as dollars, using a decimal.
  - 5 dollars 65 cents
  - 8 dollars 5 cents
  - 7 dollars 40 cents
- Write these percentage as decimals:
  - 93%
  - 7%
  - 10%
- Write these decimals as percentage:
  - 0.07
  - 0.85
  - 0.9
- Change the following into Egyptian numerals:
  - 365
  - 4029
- Change these Roman Numerals into our modern numerals.
  - CCCLXIV
  - MMII
- Change these to Roman numerals.
  - 372
  - 948
- Write the value of 7 in each case
  - 374240
  - 6075
- Write each as a power
  - $8 \times 8 \times 8$
  - $3 \times 3 \times 3 \times 3 \times 3 \times 3$
- Write each as a basic numeral.
  - $(7 \times 10^3) + (2 \times 10^2) + (2 \times 10) + (8 \times 1)$
  - $(5 \times 10^3) + (0 \times 10^2) + (8 \times 10) + (0 \times 1)$
- Write each in expanded form using powers of ten.
  - 1824
  - 4307
- Girish earned 5 times as much as Rs.25. How much did he earn ?
- How many 50 cents stamps can I buy for \$ 5.00?
- \$16 was shared by five boys. How much did each get?
- Find the cost of 3 books at Rs 15.5 each.
- Each child in Parker family had at least two brothers and one sister. What is the least number of children in the family?
- I want to make a line of posts 8m long. If I place the post 1 m apart, how many posts will I need?
- How many counting numbers are less than 3 units from the number 4?

18. Eight equally spaced posts are used as uprights in a square pen. How many posts would be placed on each side of the pen?
19. If it takes Dave 6 minutes to cut a pipe into two pieces, how long would it take him into 5 pieces?
20. It took luke 1.5 seconds to join two pieces of Lego. How long would it take him to join 7 pieces into one row of Lego?
21. Kim walked 6 blocks from her house to the bus stop. She rode the bus 16 blocks to the post office. Later, she came home the same way. How many blocks did Kim travel in all?
22. Chase measured a line for his art project. It is 200 millimeters long. How many centimeters is the line?
23. Cheryl is moving to a new house. Her old house is 3 kilometers from her new house. How many meters is the old house from the new house?
24. Jessica's shoebox is 20 centimeters long and 10 centimeters wide. How many more millimeters is the length of the shoebox than the width?
25. Stan walks 2 kilometers a day. How many meters does he walk in two days?
26. Carlos has a 1.2 meter long piece of wood. He wants to cut it into 3 equal lengths. How long should each piece be in millimeters?
27. Brandon has \$109.87 in his savings account. Dana has \$187.09 in her savings account. How much more money does Dana have than Brandon?
28. Sarah just had a birthday and received a lot of money. She received \$50.25 from her grandparents in Chicago, \$75.77 from her grandparents in London, and \$100 from her parents. How much money did Sarah receive in all?
29. Don sells some video games to 4 friends. He is paid \$100.40. If each friend spent the same amount of money, how money did each friend pay to Don?
30. Kelly wants to buy 8 bags of popcorn to give to her friends at the weekly movie night. Each bag costs \$0.75. How much total money will Kelly spend?
31. 25% of 100
32. 25% of 40
33. 20% of 80
34. 40% of 60
35. 8% of 50
36. Charles owns a toy store and to store his inventory of toys at his home office he keeps them in plastic containers. Each container holds 12 toy boxes and he has 278 toy boxes. How many containers does he need?
37. Grandma Janet loves to bake cookies. To make the cookies Grandma Janet needs  $1\frac{1}{4}$  cup of oatmeal, 2 cups of white sugar and  $1\frac{3}{4}$  of brown sugar. How many cups of sugar in TOTAL does she need?
38. A school has eight teachers. If two new teachers start working at the school, how many teachers will there be in total?
39. Luke had scored seven goals. After his last game his total moved up to ten. How many goals did he score in his last game?
40. Sol has six cousins. If two of his aunts each give birth to a new baby, how many cousins will he now have?
41. In a soccer game one team had two players sent off. If they started with eleven, how many players were left on the pitch from that team?
42. Joel is playing pool and has potted five balls in a row. How many more does he have to pot to reach a total of eight balls potted?
43. Sean is on a fourteen day holiday. He has eight days left. For how many days has he been on holiday?
44. There are four chairs around the kitchen table. If four more chairs can be fitted around the table, how many people will be able to sit around the table?
45. Mel wants to use the express checkout but is allowed only twelve items. She has to put three items back to leave her with twelve. How many items did she have before she put some back?

46. Three children start playing basketball at recess. By the end of recess there are a total of twelve children playing basketball. How many children joined the three who were playing at the start?
47. Jack had twelve friends for a big sleep over. Three of them had to leave early because they had too much ice cream. How many friends were left for the sleep over.
48. Bronwen buys herself two new console games. This means she now has a total of eight games. How many games did she have before buying the two new console games?
49. Maria has fourteen friends on her social network. How many friends will she have if she adds five new ones?
50. When Zach started swimming lessons there were five students in the group. When he finished his lessons the number of students had increased to nine. How many students joined the group after the start?

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