

Dr VIRENDRA SWARUP EDUCATION CENTRE UNNAO
SUMMER HOLIDAY HOMEWORK

Class - 6

Instructions:

1. All holiday homework to be done in the respective subjects note books.
2. Do your homework neatly and on your own.
3. Learn and revise all the work done in the class.
4. All the questions to be done in the same order as given.
5. Attempting all the questions of holiday homework is mandatory.
6. Child will be assessed for neat and presentable work.
7. Homework will be submitted as and when school reopens.
8. Take interest in all the homework given and complete it with enthusiasm.



1. You are Aman write the letter to your younger brother or sister suggesting him or her to make or have a noble ambition.
2. Write a short paragraph of about 150 to 200 words on 'A memorable family vacation'.
3. Find at least 20 words of 10 letters each, with at least two vowels in each word .Write its meaning and make sentence.
4. Read the stories 'A Vacant Country' and 'A story of Scarlet' from short reads book and write the summary in your own words.



- 1) समाचार पत्र में से कोई एक ज्ञानवर्धक एवं प्रेरणादायक चित्र चिपकाए और उसका 70-80 शब्दों में वर्णन करिए।
- 2) (रंगमंच पुस्तक से) निम्नलिखित कहानी पढ़कर उसका सार (summary) लिखिए और उसे सार में आए हुए संज्ञा, सर्वनाम और क्रिया शब्दों को कोष्ठक बनाकर छांटकर अलग लिखिए
- 3) 1) दो सखियाँ 2) होमवर्क का पहाड़
- 4) विशेष :- उपर्युक्त दिया गया कार्य हिंदी भाषा की कॉपी में किया जाएगा।



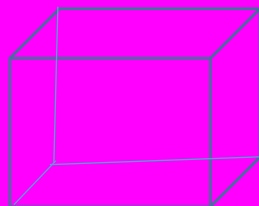
1. Make a project demonstrating rotation and revolution. (for Roll no. 1 to 15)
Make a chart demonstrating rotation and revolution.(for Roll no. 16 to 30)
2. Make a collage on life and ancient India .Explore different aspects of daily life, such as food ,clothing housing and social structure during the Vedic Period or the Gupta period.



- 1) Make a collage on different types of MS Office software on chart paper.
- 2) *Explain in brief each of them.

Maths

- 1-How many 8-digit numbers are there in all?
- 2-Replace * by the number to make it divisible by 9
 - a) $65*03$
 - b) $81*326$
- 3- Find the sum by short method:
 - a) $3254+9999$.
 - b) $14568 + 99999$
- 4- The temperature before sunrise is 2 degree below zero. The temperature rose 5 degree by afternoon and reduce 5 degree by night. What is the temperature at the end of the day?
- 5-Find the H.C.F of the following pairs and write if they are co-prime:
 - a) 45, 72
 - b) 144, 180.
 - c) 353, 427
- 6-Taking in to account the number of days in a month:
 - a) Which months are coprime to January.
 - b) Which months are coprime to February(leap year)
 - c) Which months are coprime to February(non-leap year)
- 7- A car travels 13 km 500 m in an hour and consumes 1 litre of petrol for every 6 km.
 - a) How much distance will it travel in 8 hours?
 - b) How much petrol will it consume?
- 8- Find the largest and smallest integer among the following numbers:
459, - 425, -678, 0 , 425
- 9-Calculate the total cost if 6 shirts costs Rs 796 each and 9 pairs of socks costs Rs 16 per pair.
- 10- On dividing 53068 by 257, the remainder is 126. Find the quotient using the division algorithm.
- 11- Give the prime factorization of 2908, 13408
- 12-There are 35 students in class VII, 56 students in class VIII and 63 students in class VI. They are standing in rows, each row having equal number of students. What maximum number of students should the number of students in each row is the same?
- 13- Count the number of line segments in the following figure:



number of students.
make a row such that
the

14- Find the product by using distributive law:

- a) 76×104
- b) 867×105

15- Which smallest number can be exactly divisible by 18, 24 and 36.

CASE STUDY:

16- School is organizing a Sports Day. The students are divided into different teams for various activities. The PE teacher wants to arrange the students such that there is no student left in any of the events. There are 60 students for the relay race. There are 84 students for the pyramid formation. The teacher wants to divide students into equal groups for both events. She also wants to give packets of biscuits, where each packet has 15 biscuits, to every student. For a special event, the teacher wants groups with an equal number of students from classes 6, 7, and 8, and the number of students available are 36, 48, and 60 respectively. Questions:

1. What is the greatest number of students that can be arranged in each group for the relay race and pyramid formation so that no one is left out?
2. What is the HCF of 60 and 84?
3. How many groups will be formed for each event if the greatest possible number of students are placed in each group?
4. If each group receives one football costing ₹150, what is the total cost for all footballs used in the relay race?
5. How many biscuit packets are needed in total for all 144 students (60 + 84), if each packet contains 15 biscuits and every student gets one biscuit?
6. What is the least number of students that must be there in each mixed group for the special event so that each group has equal students from classes 6, 7, and 8?
7. What is the LCM of 36, 48, and 60?
8. How many such groups can be formed for the special event?

Assertion Reason based question:

Chose the correct option(19 to 20)

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true and R is false.
- d) A is false and R is true.

19- Assertion (A): 79 is a prime number.

Reason(R): A prime number has exactly two factors namely 1 and the number itself .20-

Assertion (A): The length of a line segment can be measured.

Reason (R): A line segment has two end points.

21- Prepare a chart or A4 sheet on any one of the topic : divisibility rules,/ prime numbers / multiplication of whole numbers.



Activity - 1

“Best Out Of Waste “ (Roll No. 1-10)

In this world of Technology, let's not throw parts of gadgets and electrical Instruments which are not in use in our home and make an efficient use of E- Waste items for carrying out.

“Best out of waste” and make any decorative item / Fun game / Circuit / Working Model.

Activity -2

Simple Machines (roll no. 11-20)

From your science book choose a topic or concept and conduct a simple experiment at home using the items present at home. It can be as simple as comparing the densities of different liquids like Water , Oil etc.

Make a scrap book or a chart of the same mentioning the details about the concept of the experiment and how you performed it.

Paste their pictures too.

Activity 3

“Scavenger Hunt In Nature “(Roll no 21-30)

Go out in nature. Gather 10 different plants and 10 different animals. Make a scrapbook and mention details about them like their name , color, shape etc. In the same scrapbook , paste the pictures of 10 animals explaining their adaptations in nature.

Happy
Holidays