

BHATNAGAR INTERNATIONAL SCHOOL
HOLIDAY HOMEWORK
VI FORM

Glorious Delhi

- 1) A tour of Delhi – Go for Delhi Darshan.
- 2) Click pictures of monuments you have visited.
- 3) On the map of Delhi , mark the location of the monuments.
- 4) Sketch any two monuments you visited and write one page on each.
- 5)make a collage on cuisines of Delhi. Highlight your favourite cuisine and write the recipe of your favourite dish.
- 6)Paste pictures of some legends of Delhi. Write down their field of excellence.

Science and Technology

- Q1. Write about XUV 500 and its features. Why people like it so much?
- Q2. Write a report on 'Hibson Particle' also called as 'God Particle.'

General Awareness

- Q1. Make a power point presentation 100 years of glorious Delhi, 10 slides.
- Q2. Watch an educative programme on T.V and write information on it.
- Q3. Paste 5-7 current topics in notebook.

Know your world

- Q1. Draw a well labeled diagram of the water cycle and the layers of the atmosphere.
- Q2. On an outline map of the world, mark the following
 - 1) The continents
 - 2) The oceans
 - 3) Caspian sea
 - 4) Black sea
 - 5)Mediterranean sea
 - 6)Caribbean sea
 - 7)Red sea

Q3. Imagine you are a newspaper reporter. You are interviewing Ashoka. You want to know why Ashoka converted to Buddhism. Write a possible report of your conversation with Ashoka.

German

Write a short dialogue between the host and a guest based on the theme

' En Besuch'

English

Q1. Write a short passage suggesting ways to celebrate 100 years of our city Delhi.

Q2. Make innovative New Year greeting cards with self composed messages for family and friends.

Q3. Watch an English movie and write down your comments and observations in the fields of-

1) Direction

2) Playwright

3) Screenplay

4) Music Direction

5) Character allotment

6) Cinematography

Computers

Make an interactive Quiz Show on Delhi (famous temples, monuments, gardens, museums, memorials, important politicians) in MS-PowerPoint.

OR

Make an animated New Year Greeting Card in Flash.

Mathematics

Q 1- Given below is the data showing the number of children in 20 families of a colony

2,1,3,1,2,1,1,3,2,3,2,3,2,2,4,3,1,4,3,2

Arrange the data in an ascending order and then put them in a tabular form

Q 2- The no. of fans sold by a shopkeeper during 6 months are given below :

Month	March	April	May	June	July	Aug
No. of fans sold	30	40	60	50	20	10

Draw the Pictography

Q 3-Find the cost of cultivating a rectangular field 34 m long and 18 m wide at Rs 4.50 per sq. meter. Also find the cost of fencing the field at Rs 2.25 per meter.

Q 4- Classify the angles as acute, obtuse, right, straight angles:-

- 1) 30 (2) 91 (3) 179 (4) 90 (5) 181 (6) 360 (7) 128 (8) (90.5) (9) (89.3) (10) 80

Q 5- What do you mean by collinear points?

How many lines can you draw passing through three points?

Q 6- Differentiate between a line segment, a ray and a line.

Q 7- Rohit brought a pencil for Rs $\frac{2}{5}$ and an eraser for Rs $\frac{3}{4}$. What is the cost of both articles?

Q 8- Mrs. Soni bought $7\frac{1}{2}$ liter of milk, Out of this milk, $\frac{3}{4}$ liter was consumed. How much milk was left with her?

Q 9- Arrange the following fractions in the ascending order:-

- 1) $\frac{2}{5}$, $\frac{7}{10}$, $\frac{11}{15}$, $\frac{17}{30}$
2) $\frac{3}{4}$, $\frac{7}{8}$, $\frac{11}{16}$, $\frac{23}{32}$

Q 10- Subtract the sum of -1050 and 813 from -23

Q 11- Find the sum of:-

- (1) -3057 and 199
(2) -51, -203, 36 and -28

Q 12- Write the following integers in the decreasing order:

- (1) 0, 7, -3, -9, -132, 36
(2) -51, -203 and -28

Q 13- The cost price of 23 colour television sets is Rs 226021. Determine the cost price of each T.V set if each costs the same.

Q 14- Find the H.C.F and the L.C.M of 1152 and 1664.

Q 15- Find the greatest number which divides 285 and 1149, leaving remainder 9 and 7 respectively.

Q 16- Find the prime factorization of 20570.

Q 17- The table shows the no. of books read by the class in the past month.

No. of students	2	6	9	10	4	1
Books read	1	2	3	4	5	6

Make a Bar Graph for it.

Q 18- Anand's garden is 70 m long and 50 m wide and is in the form of a rectangle. If he uses three layers of barbed wire to fence the garden, what is the total length of the wire to fence the garden, what is the total length of the wire used?

Q 19- Draw a triangle having:-

- a) No line of symmetry
- b) One line of symmetry
- c) Three lines of symmetry

Q 20- Classify the following triangles as scalene, Isosceles or equilateral according to the length of their sides.

- a) 14 cm , 9 cm , 7 cm
- b) 10 cm , 6 cm , 10 cm
- c) 7 cm , 7 cm , 7 cm
- d) 3 cm , 4 cm , 5 cm

Q 21- Use the no. line to answer the following:-

- a) $(-2) + (-3)$
- b) $9 + (-1)$

Q 22- Write all the integers between:-

- a) -4 and 0
- b) $9 + (-1)$

Q 23- Find the common factors of each of the following:-

- a) 9,12
- b) 56,48

Q 24- Find the H.C.F by prime factorization:-

- a) 18,30
- b) 97,72,60

Q 25- Find the least no, which when divided by 36, 24 and 48, leaves a remainder 33, 21, and 45 respectively.