

DARSHAN ACADEMY

HOLIDAY HOMEWORK (2019-20)

CLASS - VIII

Holiday assignments and projects have been designed to be innovative, creative and interesting. You must put in your creative best and work on your projects comprehensively, be it literature, science and technology, family and human values or service to community.

General Guideposts:

The first page of the compiled assignments should have the following details:

- Name of the Student
- Class & Section
- Session

The assignment should be hand written on plain white/colored A4 sheets. It should be well presented, researched and pictorial.

ENGLISH

Q 1. Suppose you are the visitor. You are in a dilemma, you don't know whether to disclose your identity and disappoint the old lady or let her believe that her dear Jim has come back. Write a diary entry highlighting your anxiety, fears and feelings.

Q2. Read the last five chapters from your Supplementary Reader Book and write down your views for each chapter separately working on the following areas:

- Main characters
- Theme of the story
- Gist of the chapter
- Moral of the story

MATHEMATICS

1) Write

- (i) The rational number that does not have a reciprocal.
- (ii) The rational numbers those are equal to its reciprocal.
- (iii) The rational number that is equal to its negative.

2) Fill in the blanks:

- (i) Zero has ----- reciprocal.
- (ii) The numbers _____ and _____ are their own reciprocals.
- (iii) The product of two rational numbers is always a _____.
- (iv) The reciprocal of a positive rational number is _____.

3) Find : (i) $-\frac{22}{33} * \frac{33}{55} + \frac{55}{22} - \frac{33}{55} * \frac{11}{66}$ (ii) $\frac{22}{55} * (\frac{-3-3}{77}) - \frac{11}{66} * \frac{33}{22} + \frac{11}{1414} * \frac{22}{55}$

4) Verify that $-(-x)=x$ for: (i) $x = \frac{1111}{1515}$ (ii) $x = -\frac{1313}{1717}$

5) Name the property under multiplication in the following:

$$\frac{-4-4}{55} * 1 = 1 * \frac{-4-4}{55}$$

6) Find 5 rational numbers between:

(i) $\frac{11}{44}$ and $\frac{11}{22}$ (ii) 2 and 3 (iii) $\frac{-3-3}{22}$ and $\frac{55}{33}$

7) Represent each of the following numbers on a number line:

(a) (i) $\frac{77}{44}$ (ii) $\frac{-5-5}{66}$ (b) $\frac{-2-2}{1111}$, $\frac{-5-5}{1111}$, $\frac{-9-9}{1111}$

8) Solve the following :

(i) $17 + 6p = 9$ (ii) $\frac{xx}{33} + 1 = \frac{77}{1515}$
 (iii) $5x + 9 = 5 + 3x$ (iv) $15(y-4) - 2(y-9) + 5(y+6) = 0$
 (v) $3(5z+7) - 2(9z-11) = 4(8z-13) - 17$ (vi) $\frac{3x-23x-2}{44} - \frac{2x+32x+3}{33} = 33-x$

9) Sum of two numbers is 95. If one exceeds the other by 15, find the numbers.

10) Three consecutive integers add up to 51. What are these integers?

11) The number of boys and girls in the class is in the ratio 5:7. Four years later, the sum of their ages will be 56 years. What are their present ages?

12) A positive number is 5 times another number. If 21 is added to both the numbers, then one of the new number becomes twice the other new number.

13) Sum of the digits of a 2- digit number is 9. When we interchange the digits, it is found that the resulting new number is greater than the original number by 27. What is the two digit number?

14) The sum of three consecutive multiples of 8 is 888. Find the multiples.

15) The ages of Rahul and Ram are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?

16) Madhav's father is 26 years younger than Madhav's grandfather and 29 years older than Madhav. The sum of the ages of all the three is 135 years. What are the ages of each one of them?

17) The shoppers who come to a departmental store are marked as man (M), woman (W), boy (B) or girl (G). The following list is given to the shoppers who came during the first hour in the morning .

W,W,W,G,B,W,W,M,G,G,M,M,W,W,W,W,G,B,M,W,B,G,G,M,W,W,M,M,W,W,W,M,W,B,W,G,M,W,W,W,W,G,W,M,M,W,W,M,W,G,W,M,G,W,M,M,B,G,G,W

Make a frequency distribution table using tally marks. Draw a bar graph to illustrate it.

18) A group of 360 people were asked to vote for their favorite season from the three seasons – Rainy, Winter and Summer.

<u>SEASON</u>	<u>NO. OF VOTES</u>
Summer	90
Rainy	120
Winter	150
Total	360

- Which season got the most votes?
- Find the central angle of each sector.
- Draw a Pie -chart to show this information.

19) The number of students in a hostel speaking different languages is given below. Display the data in a Pie - Chart.

<u>LANGUAGE</u>	<u>HINDI</u>	<u>ENGLISH</u>	<u>MARATHI</u>	<u>TAMIL</u>	<u>BENGALI</u>	<u>TOTAL</u>
<u>NO.OF STUDENTS</u>	40	12	9	7	4	72

20) Draw a pie - chart showing the following information. The table shows the colours preferred by a group of people.

<u>COLOURS</u>	<u>NO. OF PEOPLE</u>
Blue	18
Green	9
Red	6
Yellow	3
Total	36

SCIENCE

- Q 1. Prepare a short report on “Why antibiotics should not be overused?”
- Q2. Plot on political map of India- five seismic zones and five states from where we can extract petroleum.
- Q3. Study vaccination chart of children thoroughly and check what all vaccination have been given and why?
- Q4. Prepare a report on benefits of regular exercise.
- Q5. Make a mind map to show five causes of loss of Biodiversity.
- Q6. Write causes and harmful effects of
- Deforestation
 - Global warming
 - Water pollution
 - Acid Rain
- Q7. Learn reactivity series.

SOCIAL SCIENCE

- Q1. Make a list of sources which help us to know about our past.
- Q2. Visit your locality. List the natural resources. Find out their end use and suggest measures for their conservation.
- Q3. Prepare a poster on Human rights violation.
- Q4. Map Work:
- Plassey
 - Buxar
 - Awadh
 - Hyderabad
 - Mysore
 - Jhansi, Nagpur, Satara

ART AND CRAFT

Draw a poster on any one of the following topics: (Use an A3 sheet properly bordered with black tape.)

- Selfless service (Roll numbers 1 to 10)
- Nonviolence (Roll numbers 11 to 20)
- Incredible India (Roll numbers 21 to 30)
- Conflict Resolution (Roll numbers 31 to 40)

Darshan Academy Holiday's Home work Subject- Punjabi Class-VIII

1. ਕਿਸੇ ਪੰਜਾਬੀ ਅਖਬਾਰ ਵਿੱਚੋਂ 10 ਪੜਨਾਂਵ ਚੁਣ ਕੇ ਵਾਕ ਬਣਾਉ।
2. 'ਮੇਰਾ ਸਕੂਲ' ਵਿਸ਼ੇ ਤੇ ਕੋਈ 7-8 ਸਤਰਾਂ ਦੀ ਕਵਿਤਾ ਲਿਖੋ।
3. ਭਾਰਤ ਦੇ ਨੌਬਲ ਪੁਰਸਕਾਰ ਵਿਜੇਤਾ ਹਸਤੀਆਂ ਦੀ ਸੂਚੀ ਚਣਾਉ।
ਇਹ ਵੀ ਦੱਸੋ ਕਿ ਉਹਨਾਂ ਨੂੰ ਨੌਬਲ ਪੁਰਸਕਾਰ ਕਿਸ ਖੇਤਰ ਵਿੱਚ
ਯੋਗਦਾਨ ਦੇਣ ਲਈ ਮਿਲਿਆ।
4. ਕਹਾਣੀ ਪੂਰੀ ਕਰੋ :- ਇੱਕ ਵਾਰ ਇੱਕ ਮੰਡਾ ਸੜਕ ਦੇ ਕਿਨਾਰੇ
ਬੈਠਾ ਸੀ। ਉਸਦੇ ਹੱਥ ਵਿੱਚ ਇੱਕ ਕਿਤਾਬ ਸੀ। ਉਹ ਬਹੁਤ ਦੁਖੀ
ਲੱਗ ਰਿਹਾ ਸੀ.....
.....।
5. ਜਮਾਤ ਵਿੱਚ ਕੀਤੇ ਕੰਮ ਦੀ ਦੁਹਰਾਹੀ ਕਰੋ ਅਤੇ ਪ੍ਰੀਖਿਆ ਲਈ
ਤਿਆਰੀ ਕਰੋ।