

HOLIDAY HOMEWORK CLASS VII

Hindi

- निबन्ध लेखन 200 शब्दों में – दिव्यांगों के प्रति समाज का दृष्टिकोण
भ्रष्टाचार –कारण और निवारण
- आदर्श श्लोकाः पाठ –श्लोक अर्थ सहित

SST

- 1.Fill in the map where the tribal communities of India reside(Take help from lesson 8: The tribal communities).
2. Write the report of handskill and effective change for the Integrated project display.
3. Read Newspaper daily and share 2 geographical (Based on Weather and climate) news in class after holidays during group discussion.

Gk

- 1.Read newspaper daiy and watch T.V news .
- 2 Prepare book of NOVEMBER for G.K test.

Science

1. Prepare for your project display and make crosswords, cartoons, wall hangings chart etc.
2. Make kaleidoscope or Periscope.
3. Prepare one Arvind Gupta activity on light.
4. Collect and paste articles from different magazines and newspapers about worst cyclone hit areas of the world in your copies. (only 5) (From January to December 2018)

Computer Science

1. Prepare an animation in Synfig Studio related to your project.
2. Update your face book page of project.

Art – SCHOOL MAGAZINE COVER PAGE OR VISION PAGE.

Winter Holiday Home Work Class VII (Maths) 2018-19

Project: Students will make puzzles, crossword, riddles, game board according to their integrated project topic.

Worksheet:

1) Express $\frac{7}{8}$ as a rational number with denominator:

(a) -16 (b) 24

2) Reduce the following rational numbers to the standard form.

(a) $\frac{14}{-32}$ (b) $\frac{63}{135}$

3) Write 3 equivalent rational numbers of :

(a) $\frac{-3}{4}$ (b) $\frac{8}{-11}$

4) Represent the following rational numbers on the number line

(a) $\frac{-4}{5}$ (b) $\frac{9}{4}$

5) Arrange each of the following in descending order.

$\frac{4}{9}$, $\frac{-4}{5}$, $\frac{-3}{4}$, $\frac{8}{-11}$

6) Find 4 rational numbers between $\frac{1}{3}$ and $\frac{-1}{3}$

7) The product of two rational numbers is $\frac{-11}{15}$, If one of them is 3 , find the other?

8) Simplify: $2\frac{1}{4} + 5\frac{5}{8} \times 1\frac{1}{3} - 1\frac{3}{4} \div 1\frac{1}{2}$

9) Subtract: (a) $\frac{3}{16}$ from $\frac{-5}{8}$ (b) $\frac{-5}{12}$ from 2

10) Find a rational no. which in standard form is equal to $\frac{4}{5}$ and the sum of its numerator and denominator is 27.

11) Fill in the blanks:

i) $4xy + 2xy$ is a _____ (binomial, trinomial, monomial)

ii) The product of twice of 'a' and thrice of 'b' _____

iii) The value which satisfies an equation is called its _____

iv) The numerical factor of a term is called _____.

v) A _____ is product of factors.

vi) A combination of constants and variables connected by the signs of the fundamental operations is called _____

vii) $(p - q) - (p + q) = \underline{\hspace{2cm}}$

viii) . The sum of $-4pqr$, $5pqr$ and $7pqr$ is $\underline{\hspace{2cm}}$

ix). The $(x+2) + (x-2) = \underline{\hspace{2cm}}$

12) What should be subtracted from $a^2 + 2ab - b^2$ to get $2a^2 + 3b^2$

13) Find the value of $p^2 + pq - q^2$ when $p = -1$ and $q = -4$

14) subtract the sum of $m^3 - n^2$ and $2n^2 - 2mn$ from the sum of $2m^3 - 4mn$ and $5mn + 4n^2$

15) Simplify: $(a + b + c) - (a - b - c) + (a - b + c)$

16) Simplify : a) $2^5 \times 5^3$ b) 3×10^3

17) Express each of the following in exponential form

a) $p \times p \times p \times p \times p \times a \times a \times a \times b \times b$

b) $-5 \times -5 \times -5 \times -7 \times -7$

18) Write the numbers in expanded forms :

a) 20068

(b) 423719

(c) 680071

(d) 5004132

19) Simplify and express each of the following in exponential form :

a)
$$\frac{3^2 \times 7^8 \times 13^6}{21^2 \times 91^3}$$

b) $[2^3]^4 \times 2^8 \div 2^{12}$

20) Using law of exponents, simplify

(i) $(2^0 + 3^0) \times (2^0 - 3^0)$

(ii) $(7^3)^4 \div 7^8$

English:

- a) Write a comic conversation of at least five pairs on your project topic in your English class work copies.
- b) Make three riddles on your project topic in your English class work copies.
- c) Download worksheet from the school's website and do as directed in the worksheet itself.

Review 1

? Exercise 1. Rewrite the following groups of words as sentences and name the kind of sentence:

1. insects the is of one wonderful ant the most.
2. Sanjay angry with you why are
3. life never weak person in a can mind with a succeed.
4. warm day a water take three tablets times these with.
5. how are you kind!
6. sugar please pass me the.
7. come cannot they so early.

? Exercise 2. Fill in the blanks with abstract nouns formed from the words given in the brackets:

Helen Keller was a courageous lady. She lost her (see) and hearing in her early (child). Overcoming her physical (weak) was not the only aim of her life. After taking the (decide) to do something for the blind people, she took the (member) of American Foundation for the Blind and toured through the (long) and (broad) of the country to raise funds for the Foundation. She was rated one of the hundred most influential ladies by the *Time Magazine* for her noble deeds.

? Exercise 3. Add appropriate question tags to the following: (Refer the given example)

1. You don't take sugar in your tea. *Do you?*
2. These fans are of a very superior quality.
3. I am a bit early.
4. Please leave me alone.
5. Let us go to Surajkund to see the craft *mela*.

? Exercise 4. Fill in the blanks with *little, a little, the little, few, a few, the few*:

1. There is honey left in this bottle. Shall we buy another bottle?
2. We wanted the party to go on longer.
3. I bought a new dress with money I had.
4. The wholehearted support of friends made it possible for me to put up this show.
5. There are only customers in the restaurant.

? Exercise 5. Insert articles (*a, an, the*) in the blank spaces:

Delhi, national capital, has population exceeding sixteen million. This isonly city of its size in world which earlier depended mainly on buses as most popular means of mass transport. With view to reducing problems of Delhi's commuters and improving quality of transport, Govt. of India thought of introducing rail-based system. Thus, Metro Rail Project was launched in 1995.

? Exercise 6. Fill in the blanks with suitable forms of the verbs given in the brackets.

Attingal Ramachandran (be) one of India's most versatile artists. His paintings (depict) a perfect world with natural surroundings. In 1957, he (leave) for Santiniketan. There he (work) under the great artist Ram Kinkar Baij. For a long time, the master (pay) no attention to his work and then one day he (break) the clay mould Ramachandran had (work) on diligently. This, however, (not affect) Ramachandran's enthusiasm. When Kinkar (see) that his student (not lose) heart but (start) reworking his mould, he (know) that Ramachandran was a truly dedicated student.

? Exercise 7. A set of instructions for making lemon squash are given below. They are followed by a paragraph with blanks in it. Fill in the blanks with the help of the instructions given to you. The first blank has been filled in as an example.

Take plump well-ripened lemons — wash them and cut them into pieces — with a lime squeezer extract their juice — separately dissolve sugar in one-fourth litre of water — heat it till you get a clear syrup — add a pinch of citric acid — boil the syrup and stir it with a spoon till scum comes up — add lemon juice to hot syrup — allow it to cool — in a cup take a small portion of syrup and add potassium bisulphide to it — mix this syrup with the main squash and stir — bottle the squash in clean, dry bottles.

Plump well-ripened lemons are taken. They and cut into pieces. Their juice with the help of a Sugar separately in one-fourth litre of water. The solution till a clear syrup A pinch of citric acid The syrup and till scum comes up. Lemon juice to this hot syrup and it to cool. A small portion of the syrup in a cup and potassium bisulphide to it. This syrup with the main squash and The squash in clean, dry bottles.

? Exercise 8. Rewrite the following letter choosing the most suitable alternatives from those given in the brackets. Sometimes more than one alternative is suitable.

Dear Medha

It was lovely to get your letter and to hear the good news that you are going for trekking with your friends. You (ought to/would/should) have a break after your exams! You asked me what you (can/should/will) carry with you. Well, you (might/can't/mustn't) fit everything in a backpack, so you must be selective. You (will, can, must) take at least one sweater because it (ought to/should/can) get very cold in the mountains. You (needn't, could, should) carry a stove because there (could/may/will) be plenty of firewood from the dead trees.

I'm sure you will have a wonderful time. Enjoy yourself.

With Love

Rohit