

INDIAN CONVENT SCHOOL

HOLIDAY HOMEWORK

CLASS VIII

SUBJECT: ENGLISH



NOTE: ALL THE WRITTEN WORK IS TO BE SUBMITTED IN THE HANDMADE FOLDER.

1. Collect the pictures of your favourite holiday destinations like Kashmir, Kerala, Switzerland, Paris etc. Make a collage of those pictures and write about any one place in brief which you like the most.
2. Do the work according to your roll no.
 - Create a travel brochure to share the information of the place you would like to visit it or visited in summer vacations. Besides including the details of fare, mode of conveyance and tourist spots you can also paste the pictures or photographs, maps / routes etc. (roll no. 1-15)
 - Prepare a comic strip to give a pictorial presentation of any of your favourite story it should contain the dialogues spoken by the characters and should fit it in 3-4 A4 size sheets. Remember to include only the main events of the story.(roll no. 16 to 30)
1. Watch any recent inspirational / motivational movie of your choice and write a short review consisting of the following points:
 - Cover page
 - Main characters and their Association with one another
 - Theme / core idea of the movie
 - A short summary
 - The incident of the movie you like the most

NOTE: Support your review with relevant and striking pictures

SUBJECT : HINDI

- पाठ १ से ४ तक अभ्यास याद करो (सुरभि + व्याकरण)|
- यदि मनुष्य बात चीत नहीं कर पाता तो उसका जीवन कैसा होता अनुमान लगाकर अपने विचार लिखिए|
- मीठी वाणी विषय पर भाषण तैयार कर के लिखिए|
- चुनाव में होने वाले लाभ और हानि पर अपने विचार प्रकट करिए और अपनाये गए तरीको में से किसी एक पर परियोजना कार्य करिए|

SUBJECT : MATHS

Q.1 Add the following:-

- (i) $5/12 + 3/8$
- (ii) $7/9 + 4$
- (iii) $3/8 + (-5/12)$
- (iv) $8/(-15) + 4/(-3)$
- (v) $7/(-26) + 16/39$
- (vi) $4/3 + 3/5 + (-2/3) + (-11/5)$
- (vii) $3/8 + 7/2 + (-3/5) + 9/8 + (-3/2) + 6/5$
- (viii) $(-3/10) + 7/15 + (3/-20) + (-9/10) + 13/15 + (13/-20)$

Q2. Write the additive inverse of each of the following rational numbers:-

- (i) $4/9$
- (ii) $(-13/7)$
- (iii) $(5/-11)$
- (iv) $(-11/-14)$

Q3. Verify: $(a/b + c/d) + e/f = a/b + (c/d + e/f)$ for $a/b = (-2/3)$; $c/d = 5/7$; $e/f = (-1/6)$

Q4. Using commutativity and associativity of addition of rational numbers, express each of the following as a rational number:

- (i) $3/5 + (-7/6) + 2/5 + (-5/6)$
- (ii) $4/3 + (-4/5) + (-2/3) + 7/5 - 2$

Q5. Rearrange suitably and find the sum in each of the following:

- (i) $5/3 + 11/2 + (-9/4) + (-8/3) + (-7/2)$
- (ii) $(-4/7) + 7/6 + 2/7 + 3 + (-11/6)$

Q6. The sum of two rational numbers is $(-3/5)$. If one of the number is $(-9/20)$, find the other.

Q7. Simplify:-

- (i) $(-16/5 * 20/8) - (15/5 * -35/3)$
- (ii) $(-3/2 * 4/5) + (9/5 * -10/3) - (1/2 * 3/4)$
- (iii) $(-7/18 * 15/-7) - (1 * 1/4) + (1/2 * 1/4)$
- (iv) $3/11 * -5/6 * -22/9 * -9/5$

Q8. Write the reciprocal of each of the following rational numbers:-

- (i) 7
- (ii) -11
- (iii) $2/5$
- (iv) $-7/15$
- (v) $5/-12$

Q9. Find the reciprocal of

- (i) $2/5 * 4/9$
- (ii) $-3/8 * -7/13$

Q10. Divide:

- (i) $3/5 \div 4/25$
- (ii) $-8/9 \div 4/3$
- (iii) $-16/21 \div (-4/3)$
- (iv) $(-8/13) \div (3/-26)$

Q11. The product of two rational numbers is $(-28/81)$. If one of the number is $14/27$, find the other.

Q12. By what number should we multiply $(3/-14)$, so that the product may be $5/12$.

Q13. Represent $5/3$ and $(-5/3)$ on the number line.

Q14. Represent $8/5$ and $(-8/5)$ on the number line.

Q15. Write three rational numbers between -2 and 0.

Q16. Find four rational numbers between $2/3$ and $4/5$.

Q17. Find five rational numbers between $(-3/2)$ and $5/3$.

Q18. Find ten rational numbers -2 and 6.

Q19. Find five rational numbers between $(-2/3)$ and $1/4$.

Q20. Find three rational numbers between -2 and 5.

Chapter 2: Linear equation in one variable

Q1.Solve :-

(a) $X+7-8x/3=17/6-5x/8$

(b) $\frac{x+2}{6} - \left(\frac{11-x}{3} - \frac{1}{4}\right) = \frac{3x-4}{12}$

(c) $0.16(5x-2)=0.4x+7$

(d) $\frac{x+2}{3} - \frac{x+1}{5} = \frac{x-3}{4} - 1$

$$\frac{17(2-x) - 5(x+12)}{1-7x} = 8$$

(e) $\frac{1}{x+1} + \frac{1}{x+2} = \frac{2}{x+10}$

(f) $x/2 - 10 = 1/2$

(g) $x/3 - x/2 = 6$

(h) $6x - 9 - 2(1 + x) = x - 9$

(I) $2(x + 2) + 5(x + 5) = 4(x - 8) + 2(x - 2)$

(j) $(3 + y)/(y + 7) = 3/5$

(k) $(3x - 2)/(2x - 3) = - 1/2$

Q2.A number consists of two digits whose sum is 8.if 18 is added to the number its digit are reversed.Find the number.

Q3. The numerator of a fraction is 4 less than the denominator. If 1 is added to both its numerator and denominator it become 1/2 . Find the fraction.

Q4.Chirag is three years older than Ayush. Six years ago, Chirag's age was 4 times Ayush's age. Find the age of Ayush and Chirag.

Q5.The ages of sonu and monu are in the ratio 7:5. Ten years hence, the ratio of their ages will be 9:7. Find their present ages.

***Note: Do all the solved examples of N.C.E.R.T and R.D Sharma**

***Write tables 1 to20 15 times.**

SUBJECT : SCIENCE

GENERAL INSTRUCTIONS:

- Students need to maintain a separate notebook for holiday home work. The assignment and write up related to the projects is to be done in this notebook itself.
- Cover the holiday homework notebook with red chart paper.
- Use only blue and black gel pen for the assignments and write up of the projects.

- **READING AND UNDERSTANDING**

Read, learn and revise all the chapters covered so far.

- **ASSIGNMENT:**

Ch-Crop Production and Management

- 1.What are the various activities that come under agricultural practices?
- 2.Why do we use tractor driven cultivator for ploughing now a days?
- 3.What is Horticulture?
- 4.What is Weeding and why is it a necessary process?
- 5.Why is it necessary to sow seeds at correct depth and distance?
- 6.How is manure better than fertilizers?
7. On what basis crops can be categorized into two groups? Explain each of them.
- 8.How can you differentiate between good and bad seeds by putting them in water?
9. Explain the steps involved in soil preparation.
- 10.What are the two types of cropping patterns which are broadly used?

Ch- Synthetic fibres and plastics

- 1.Name any one natural polymer. Also mention the monomers it is made up of.
- 2.Why nylon is used for making carpets, toothbrush bristles and tyre?
- 3.Although rayon is obtained from a natural source, wood pulp, yet it is a man-made fibre. Give reasons.
- 4.Why one should not wear polyester clothes while working in the kitchen or in laboratory?
- 5.What is the '4R' principle? Explain.

6. (a) Which fibre is used as a cheaper form of natural silk?
(b) What are its properties?
(c) What are its various applications?
7. Name and explain the different types of plastics?
- 8.Acrylic is used as a cheap substitute of wool. Give reasons.
9. Name the chemicals that give fruits their characteristic smell.
- 10.Why government is trying to ban plastic bags and promote paper bags though they are stronger than paper bags?

- **WORKING MODEL:**

Plastics are being used in every other material that we see around ourselves but the fact that plastics are posing a huge threat to the environment can also not be denied. Keeping this into consideration it becomes important to transform the basic plastic materials in our houses into an innovative and useful form. Students need to use the basic plastic material in their house and make a working model on the following topics **as per their roll numbers.**

ROLL NUMBER 1-5:Electric helicopter

ROLL NUMBER 6- 10:Hand water pump

ROLL NUMBER 11-15: USB fan using CD

ROLL NUMBER 16-20:Vacuum cleaner

ROLL NUMBER 21-25:Air pump

ROLL NUMBER 26-31:Balloon or Rubber band powered air car

Students also need to keep their respective models descriptive and explain the following sub-heads of their models **in the holiday homework notebook:**

1. Topic of the model-
2. Material used in the making of the model-
3. Concept or principle on which the model is based-
4. Working of the model-
5. Applications of the model-

SUBJECT : SOCIAL STUDIES

Q-1 Make a Poster with a slogan *on the topic* :

- 1) ROLL NO(1-10) **“Freedom of religion”(how in India we coexist despite of diversity in religion with equal rights)**
- 2) ROLL NO(11-20) **“Save the Girl Child ”appealing the people to stop the evil.**
- 3) ROLL NO(21-30) **“ Save the planet Earth”(Appealing the people to recycle, reduce and Reuse, promoting sustainable development.**

Q-2 Prepare a case study on “History of DELHI” in project file.

Points to be included:

- Cities of Delhi(Various historical names of Delhi along with the founders)
- Early history
- Medieval history
- Modern history

Revise chapter-2 Political Science

Read Chapter-1 History

SUBJECT : COMPUTER

(i) Make a beautiful and explained chart on difference between “Window 8 and Window 10” using pictures use your creativity..

(ii) Make an informative and innovative layout on Pastel Sheet colorful sheet on different types of virus of internet with their relevant details.(ref. https://prezi.com/hut9teg4_kz1/time-bomb-virus/)

(iii) Make creative and beautiful geometrical shapes of computer abbreviations and their full forms

SUBJECT : ART AND CRAFT

- DO HANDMADE CRAFT USING WASTE MATERIAL (like pen stand, flower vase, basket etc.) ANY ONE OF THESE.

