



HOLY HEARTS EDUCATIONAL ACADEMY

RAIPUR, CHHATTISGARH, 0771-421700, 2431088

CLASS : VIII

SUMMER HOMEWORK - 2021

Note: In case of Video assignments, time limit is 3 Minutes and it is to be sent to your respective Subject Teacher on the WhatsApp.

(Vacation Homework has to be done in the respective subject's fair copy)

ENGLISH

- You are required to cover your notebooks and label it as you have 5 marks for it.
- Write at least 2 positive news headlines from an English newspaper twice a week in your home-work copy or rough notebook.
- Make a diagram or paint a picture of the night sky including the planets, stars and the constellations.
- Write an 8 lines poem on any one thing from the universe
- Write a short story on which pet animal you would like to take with you to the space station and why.
- Write a diary entry on what you would like to see one day in the universe.
- Choose any one science fiction writer and write 5 lines about him/her.
- Special Video Assignment:
 - Make a video on any one of the following topics:-
 - a) How a star is born/made.
 - b) Any 10 facts about satellites.
 - c) Take an interview of one of your family member on the topic -
Current Condition of Education”

HINDI

प्रश्न1-पाठ 1 'ध्वनि' के कवि सूर्यकांत त्रिपाठी 'निराला' जी के जीवन परिचय को लिखिए एवं कविका चित्र बनाए या चित्र चिपकाए।

प्रश्न 2-पाठ 2 लाख की चूड़ियां जिस प्रकार से लेखक को मामा के गांव में बदलू काका अच्छे लगते हैं उसी प्रकार से आपको अपने मामा जी के घर में सबसे प्रिय कौन लगता है और क्यों? अपने विचारों को लिखिए।

प्रश्न 3-लाख की वस्तुओं का निर्माण भारत के किन-किन राज्यों में होता है लाख से चूड़ियों के अतिरिक्त क्या-क्या चीजें बनती हैं? जानकारी हासिल करके लिखिए।

प्रश्न 4-2021 ग्रीष्मकालीन अवकाश(अपने परिवार वालों के साथ बिताए गए समय) का अनुभव अपने शब्दों में लिखिए।(50 से 60 शब्दों में)

प्रश्न 5-आज के वातावरण में मास्क और सैनिटाइजर की आवश्यकता पर दो मित्रों के बीच संवाद लिखिए।

नोट- 1-हिंदी कॉपी में व्याकरण साइड में ही लिखना है।

वीडियो बनाते समय ध्यान देना है-

- 1- वीडियो 3 से 4 मिनट का ही होना चाहिए।
- 2 - ऐसा वीडियो बनाएं जिससे लोगों को कुछ नया करने का संदेश मिले।
- 3) वीडियो अपनी सब्जेक्ट टीचर को ही सेंड करें।

नोट-आपको वीडियो निम्न में से किसी एक ही विषय पर बनाना है-

- 1) प्रातः काल का समय और स्कूल जाने का दृश्य, कैद कीजिए इस दृश्य को अपने वीडियो के माध्यम से।
(माता-पिता की भी भूमिका जिसमें वह आप को स्कूल भेजने की तैयारी को लेकर व्यस्त हैं)
- 2)स्वयं टीचर की भूमिका को निभाते हुए, आज के समय में स्टूडेंट्स के लिए ऑनलाइन क्लास क्यों आवश्यक है अपने अभिनय के माध्यम से इस दृश्य को कैद कीजिए।
- 3) 1) आज के समय में कोविड-19 वैक्सीन परिवार के प्रत्येक सदस्य के लिए क्यों आवश्यक है।

संस्कृत

धातु रूप लट् लकार, लोटलकार, याद करना ।

प्रथमः पाठ- वंदेमातरम्

द्वितीय पाठः- मधुराः श्लोकाः,

व अनुवाद याद करना ।

अभ्यास याद करना ।

Video H.W.

1. वंदेमातरम् ---योगाः, नघः, धर्म, वेदः साहित्य इत्यादि बिषयः।
2. कंठस्थ श्लोकः अनुवाद सहित अभिनयम्
3. अस्माकं पितरौ, परिजनः

MATHS

NOTE : ALL QUESTION INCLUDING ACTIVITY MUST BE DONE IN MATHS FAIR COPY ONLY.

Q1) Express the following as a rational number in a/b form.

- (i) 22
- (ii) - 9.7
- (iii) 32
- (iv) 0

Q2) Write equivalent rational numbers for $\frac{8}{-9}$ with following denominator.

- (i) -18
- (ii) 72
- (iii) -36
- (iv) 108

Q3) Express as the rational number with positive denominator.

- (i) $\frac{9}{-11}$
- (ii) $\frac{6}{-15}$
- (iii) $\frac{-7}{-12}$
- (iv) $\frac{9}{-35}$

Q4) Arrange in descending order.

$$\frac{3}{5}, \frac{-3}{7}, \frac{-3}{11}, \frac{3}{11}$$

Q5) Arrange in Ascending order

$$\frac{1}{2}, \frac{-2}{9}, \frac{-4}{3}$$

Q6) Representation of $-\frac{3}{4}$, $-\frac{7}{3}$, $\frac{1}{4}$, $\frac{2}{9}$ on the number line.

Q7) Fill in the blanks:

- (i) The product of a number and its product is _____.
- (ii) The rational number _____ has no reciprocal.
- (iii) The reciprocal of a number is _____.
- (iv) The rational number _____ is neither positive nor negative.
- (v) _____ is the only rational number which is equal its additive inverse.

Q8) Let $a = \frac{2}{3}$, $b = -\frac{3}{5}$, $c = \frac{5}{8}$, verify the following:

- (i) Commutative property $\Rightarrow a+b = b + a$
- (ii) Associative property $\Rightarrow (a+b) + c = a+(b+c)$

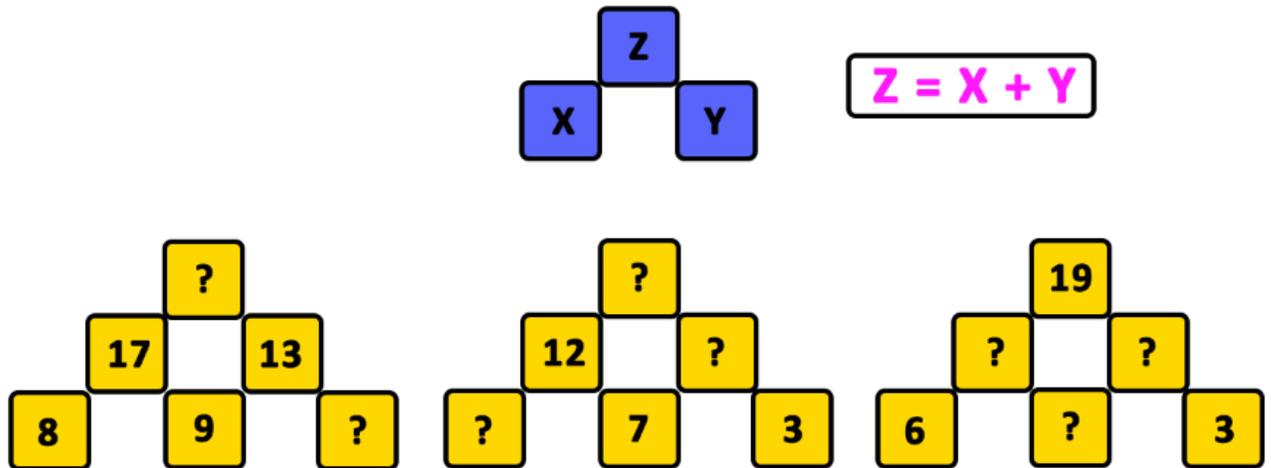
Q9) Write the additive inverse of the following:

- (i) $\frac{1}{4}$
- (ii) $5 / -8$
- (iii) $-7 / -93$

Q10) Express each of the following rational numbers in standard form.

- (i) $15 / 65$
- (ii) $90 / -120$
- (iii) $-144 / -162$
- (iv) $168 / 360$

11) Number Pyramid: Find the missing numbers



Q12) Think and write numbers:

1

1 1

1 2 1

1 3 3 1

1 4 6 4 1

1 6 1 0 5 1

.....?

Q13) If A to I are 1 to 9,

$$\begin{array}{r} \mathbf{A\ B} \\ \mathbf{x\ C} \\ \hline \mathbf{D\ E} \\ \mathbf{F\ G} \\ \hline \mathbf{H\ I} \end{array}$$

If every alphabet represents a different digit, from 1 to 9 to make the calculation. What are they?

Q14) Complete each of the magic squares by supplying each of the missing numbers:

	9	2
	5	
8		

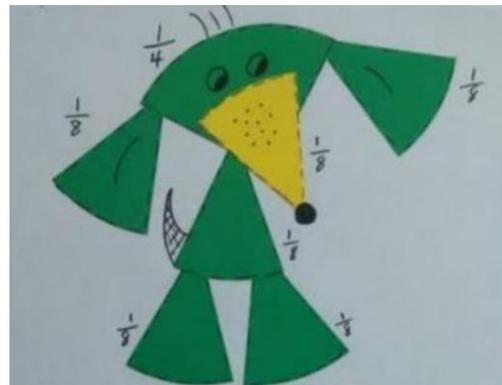
16	2	
	10	
		4

2	15	16	
9	12		
		7	10
14			17

	18	17	4
		14	11
	9	10	
19			16

Q15) Activity based question

- 1 . Think of your age, multiply it by 2, add 10 and then multiply by 5. Add a single digit and now subtract 50 from the result.
2. Cut 5 circles of different colors. Cut them into parts. Then each part represents a fraction. Write the respective fraction on each part. Use the parts and make creative drawings out of that. One example is shown below.



Important : Recite and Learn multiplication Table 2 to 20.

Make a video on any one of following topics from Mathematics :

1. Introduction of Rational Numbers (Define Number System) & how you can use rational numbers in your daily life . Explain with examples.
2. Make a 3D model using paper cuttings. Explain differences between 2D & 3D figures & also state comprehensive differences between 2D & 3D animations.

SCIENCE

Activity/Project based

Note-Science vacation homework to be done in normal file (if file is not available do it in your science notebook)

1. Make a Herbarium file and paste the different types of seeds available and used at home.
2. Make a flow chart of 5 Useful and 5 Harmful microorganisms and Write the uses of each microorganism and the Harms caused by them. Also paste the pictures of at least 5 useful and 5 harmful microorganisms.

AUDIO/VISUAL Project (any 1):

- 1) Different types of agricultural practices during rabi and kharif season.
- 2) Study of COVID-19 virus & prevention from it.
- 3) Home remedies & industrial techniques of food preservation.

S.ST.

Read the chapter and answer the questions given below

Q1. Name and define two types of value which resources have giving examples

Q2. How did coal become a resource from an ordinary stone

Q3. What type of resource is wood? Renewable or non renewable.?why?

Q4. Which is the landmark year in the Indian history? why?

Q5. What are the dates in history compared to?

Q6. Write two examples of oral sources of history?

Q7. Name two types of surveys you read in chapter 1 of history?

Q8. India is a land of diverse people. explain

(. In reference to the Indian Constitution chapter of civics)

Q9. Name the three organs of the government. Which organ out of it is independent?

Q10. Which three types of justice is given to the Indian citizens?

Q11. Write a short note on preamble and constituent assembly.

Q12 Name the three lists of subjects among which the power is shared.

Q13. Match the column

- | | |
|---------------|---|
| 1. Socialism | to have an elected head. |
| 2. Secularism | brotherhood |
| 3. Sovereign | equal treatment to all religions. |
| 4. Republic | equal opportunity to Use country's resources. |
| 5. Fraternity | independent in taking own decisions. |

Q14. In the political map of India point out all the states and their capitals.

Q15. Draw the diagram given on page number 9 of geography showing the different layers of the soil.

Q16. Geography match the column

- | | |
|--------------------|---------------|
| 1. Granitic rock | black soil |
| 2. Northern Plains | find soils |
| 3. Basaltic Rock | coarse soils |
| 4. Deccan Plateau | Alluvial soil |

Note-. The homework given above has to be done in lecture copy or in old test copy.

Q17. Make a video on any one of the following topics and send it to your subject teacher on her email ID.

1. Classification of resources on the basis of nature, stock and distribution
2. 5 values of the Preamble of the Constitution.
3. Periodization of History

COMPUTER

1) Create an informative video on the topic 'Networking'

Video should contain:

- What is networking?
- Why is it useful?
- Different components of networking.

2) Create one database with two tables of student's information and student's marks details (use appropriate fields for tables).

GK Questions:

1. What does FTP stand for?
2. What is the other name for additive manufacturing?
3. The creation of crypto currency 'Dogecoin' was inspired by which of these creatures?
4. Which technology is used by the Indian Railways for tracking of wagons, coaches and locomotives to ensure the effective and transparent functioning of the system?
5. Which social media launched its "Express Wi-Fi" in India?

Specially designed tasks for enhancing reading ,writing, vocabulary and speaking skills:

1. Write an article on any 3 unsung Heroes of Indian Freedom Movement. Write in detail about their life and their contribution in India's freedom struggle.
2. Video Making- Make a video of yourself (not more than 3 min.) on any one of the topics given:
 - i) DIY video , showing your creativity.
 - ii) How do you spend your vacations?
 - iii) Considering yourself an English newsreader of BBC, make a video reading Top news headlines in a proper dress-up.(professional style)

1. **Diary entry:** Make it a habit of doing diary entry daily on how you spend the day. Also, list the things that you feel you are grateful for in your life.

Art Integration Project

1. Name some traditional food items from the state of Chhattisgarh along with its history, origin and importance.
2. Choose one food item and explain about the recipe (in English); also give a brief description about cereal /pulse used in making it.
3. Share Measurements of ingredients used in your selected dish. (Note - all measurements should be in metric form) and also provide their nutritive value chart.
4. Make a poster and write a catchy slogan about the food item in Hindi.

Note:- You can make this project in a scrapbook/stick file/video or make it in PPT format.
