SHARDA INTERNATIONAL SCHOOL
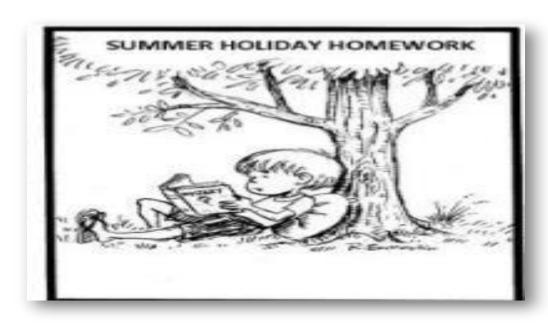## Holidays homework

8TH

" The time for break, the time to re stand the time

"

to rejuvenate SELF

Enjoy your summer vacation

SCIENCE

Instructions:
- Do your home work in ruled sheets
- Make a small spiral diary for dictionary
- Use A3 sheets for making chart.

Question1. Answer the following questions:

a) Which property of plastic make them so useful but also make them in environmental. How?

b) if a resource can be replaced within 10 years by natural processes, would you classify it as renewable or nonrenewable and why?

c) List of the various tools used by farmers. Paste there pictures.

d) What is smog? How is it harmful for us?.

e) Why transfer of heat occur by convection influidsnotin solids?

f) How is Rayon made? Why is it called artificial silk?

g) What is an electro scope. Explain the model of an electroscope with diagram.

h) Learn about project tiger and project elephant. Write short notes on the same.

i) Procure and outline map of India and mark
a) Western ghat biosphere reserve
b) pachmarhi biosphere reserve on it.

j) Write about the major earthquakes in India in last 10 years. Write down the epicenter of each.

Question2. Prepare a colorful project highlighting the food heritage of Telangana . Support it with colorful drawing , picture , tables and graphs.

Question3.Visit a biosphere reserve, national park for a wildlife sanctuary near your place. Write your experience about the amazing fact that you have learnt.(100words)

Question4. Make a toy telephone (Given on page no. 177 in science text book .).

Question5. Plant five sapling seeds during your summer vacation either from seeds or from stem cutting and observe the changes. Write your observation and paste picture on rule sheet .

Question6. Prepare a Science dictionary of 80 words.

Question7. Reduce use of fertilizers the harm the food production. Excessive use of fertilizer result in pollution of groundwater. what is the alternative to deal with the situation? Fine and write down your alternative idea on a rule sheet of paper.

Question8. International yoga day will be celebrated on 21st june across the world with great enthusiasm. Yoga is helping people to stay energetic and have strong immunity system.find yoga exercises that help you strengthen your respiratory system and increase oxygen level in the body. Write about them and paste the related pictures (to be done on A4 size sheets).

Question9. Draw a well labelled diagram of on a A3 sheets
a) a plant cell (roll number 1-5)
b) an animal cell (roll no. 6-10)
c) endocrine system (roll no. 11-15)

d) labelled diagram of flame of a candle (roll no. 16-20)

Question10. A bacterial cell may be non green and has a cell wall around it. Bacteria group with plants. Why?

***** Revise explained UT-2 SYLLABUS*****

MATHS

• Make an art integrated project on FOOD HERITAGE OF TELANGANA

• MAKE AN ATTRACTIVE model on square and square root

• Do the given questions on sheets

• Revise chapter 8 thoroughly

Q 1) Verify that (a + b) +c = a +(b + c) by taking a = -2 , b = -2/3 , c = -3/4

Q 2) The sum of two rational numbers is (-3/7). If one of the number is (-5/8) , find the other.

Q 3) Find three rational numbers between: (-1/3) and (1/2)

Q 4) Verify the property a x b = b x a by taking : a = (-12/7), b = (-21/5)

Q 5) By what number should (-6/11) be multiplied to get (-32/11)?

Q 6) Represent the following on number line:

a) 19/2 b) -16/3

c) 3.4 d) 0.5

Q 7) Using appropriate property find the value of:

-2/3 X 5/6 - 2/3 X 4/7

Q 8) Simplify the following expression and wite the additive and multiplicative inverse of the result 4/3 X

1/2 ÷ 3/2

Q 9) Find the value of x , if :

a) 327 ÷ 314 = 32x b) (6/7)-4 X (6/7)13 = (6/7)3x

Q 10) If 36 men can do a work in 25 days, in how many days will 15 men do the same work?

Q 11) If 32 men can reap a field in 15 days, in how many days can 20 men reap the same field?

Q 12) Working for 8 hours daily, 40 people can dig the foundation of a building in 21 days. Working for

10 hours daily, if the work is

to be finished in 14 days, how many people are needed to do the same work?

Q 13) Find the area of a square plot of land with each side measured as 8 m.

Q 14) Find using appropriate properties:

(i) 9/16 * 4/12- 1/5+9/16 *3/9

(ii) 3/5 * 3/7+1/9*3/2-1/14*3/9

Q 15) A school hostel with 40 children has enough provisions for food to last for 15 days. If 10 children

left the hostel, how many daywill the provisions last now?

Q 16) The sides of a triangle are 131/2 m, 11/8 m and 3/8 m. Find its perimeter.

Q 17) Sum of three consecutive multiples of 3 is 144. Find the multiples of 3.

Q 18) Verify:-(-y) = y for y = and y = -7/9

Q 19) If the weight of 7 bags is 560 kg, what is the weight of 14 such bags?

Q 20) Evaluate 2/7 + -13/20 +-11/14 + 3/10

Q 21) What number should be subtracted from -11/8 to get 21/72?

Q 22) Find the reciprocal of -2/7 (7/16-21/4)

Q 23) In the model of a fort, the flag is 9 m high, however the flag of the actual ship is 12 m high. If the

height of the actual fort is 28 m

what is the height of the model fort

Q 24) A factory of socks requires 42 machines to produce a given number of socks in 63 days, how
many

machines are required to

produce the same number of socks in 54 days?

Q 25) Find 100 rational numbers between 1/4 and 3/2

Q 26) By what rational number should we divide -27/80 so that the quotient is -2/3?

Q 27) Divide the sum of -4/5 and -3/7 by the product of 7/16 and -2/15

Q 28) The least number to be subtracted from 743 to get a perfect square is?

Q 29) Which of the following are Pythagorean triplets:

a) 3,4,5 b) 20,24,29 c) 30,40,50 d) 7,24,25

Q 30) Find the least number which must be added to 92700 to make it a perfect square.

Q 31) Find the least number which must be subtracted from 194491 to make it a perfect square.

Q 32) 9811 men are to be arranged in rows to form a perfect square. Find the number of men in each

row and the number left out.

Q 33) Which of the following are perfect squares?

a) 4225 b) 4517 c) 1024

Q 34) Find the least number by which 7688 should be multiplied so that the resulting number becomes a

perfect square.

Q 35) Find the greatest 3-digit number which is a perfect square.

Q 36) Find the least 4-digit number which is a perfect square.

Q 37) Find the square root of 0.0324

Q 38) Find the square root of 362.1409

Q 39) 6 pipes are required to fill a tank in 1 hour 20 min. How long will it take if only 5 pipes of the same type are used?

Q 40) If a box of toffees is divided among 24 children, they will get 5 toffees each. How many toffees will each get if the number of children is reduced by 4?

SOCIAL STUDIES

1. Learn UT-2 chapters done in class.
2. Find 15 one mark questions answer from UT-2 syllabus from each chapter and write them in a holiday homework notebook.
3. Fill five map with the name of state and Island in Indian political map and haste them in holiday homework notebook.

Instruction-

- map work should be neat and clean.

- draw one Indian political map on A4 size sheet with the name of states and Island.

4. Make a project on the BRITISH EAST INDIA COMPANY by choosing the following content:-
   1. How did they set up their trading center?
   2. How did they control all over the part of India?
5. Make a Project on food heritage of Telangana support it with colorful pictures, Newspaper clipping and drawing .

ENGLISH

1. Make a beautiful bookmark for your Literature reader. Decorate it and write an inspirational quotation by a well- known poet or author.
2. A Japanese proverb says,' We learn little from victory, much from defeat'. Write an article in 100-150 words expressing your views in the light of the given proverb.
   a) Make a small project on "With reference to any one poem of your choice from your text book prepare a project based on the following points~
       1)A note on the poet. 2) A paraphrase of the poem. 3) Justification of the title. 4)Critical appreciation
   b) COMIC STRIP – Illustrate any event, experience, imagination of your life through a comic strip.

3. Write any thirty antonyms.
4. Write and learn irregular fifty forms of verb
5. Write a short story using the following points.
   Two thieves – see white statue in a shop window – break in at night – steal – an open tempo – escape – rain on the way – reach out hideout – no statue – white salt – dissolved.
6. Practice your grammar skills throughout the holidays in BBC.
7. Create a tongue twister of your own and practice it.
8. project write recipes of 2 dishes from Telangana. Mention the ingredients used and the method to cook .(Make A4 size sheet and paste the Picture of the dish as Well)

INFORMATION TECHNOLOGY

1 - Create the following tables in Ms. Access in A database School library.

- Design A table book with fields namely book_No, Book_Title,Author.
- Design Another Table Book_Issue with The Fields Namelybook_No, Student_Name, Issue Date , Return_Date.
- Now Decide Primary key And Foreign Key in the Above Tables.

2 - Design the Following Registration form in Html Using form Tag and form Controls.

Student Registration Form

Name   : [_____]
Mobile no : [_____]
Address   : [_____]
City   : [_____]
State   : [_____]
Pincode   : [_____]

[submit]   [reset]

3. WRITE FULL FORMS OF FOLLOWING:

1. DBMS	6. DBA	11. DDL
2. SQL	7. DML	12.OLTP
3. RDBMS	8.PDF	13. JPEG
4. .accbd	9.XML	14. MPEG
5. .mdb	10. BLOB	15. FD

G.K

1.Read newspaper daily write attest 50 current affairs for the month of April and may in G.K notebook.
2. Complete page no 8 to 23 in G.K book and learn them.

ART AND CRAFT

1- **DRAW & COLOR** : HUMAN SKETCHES -5 KNIFE PAINTING -2 IN THE SKETCH BOOK .

2. **COMPOSITIO**N : POLLUTION AND VIRUS FREE WORLD .

3. **CRAFT MAKING** : MAKE A BEAUTIFUL BUILDING WITH USE OF WASTE MATERIALS.

ग्रीष्मावकाश गृहकार्य
सत्र – (2022 – 2023)
कक्षा – VIII
विषय – हिंदी

— . — . — . — . — . — . — . — . — . — .

प्रश्न 1. 'भारतभूमि' कविता में भारत भूमि के सौन्दर्य का वर्णन किया गया है। आप भी ऐसी ही मिलती-जुलती कविता का सचित्र वर्णन कीजिए।

प्रश्न 2. महत्वपूर्ण विद्वानों द्वारा कहे गए अनमोल वचनों का संकलन कर 3-4 रंगीन पृष्ठों द्वारा 'लिफाफे' के आकार की एक डायरी तैयार कीजिए।

प्रश्न 3. 'भ्रष्टाचार' पर एक अनुच्छेद लिखिए।

प्रश्न 4. शब्द भंडार लिखें व याद करें। (इकाई 2 आत्मज्ञान)

प्रश्न 5. 'विराम चिह्न' से संबंधित एक रंगीन शीट तैयार करें।

प्रश्न 6. परिवार से संबंधित कोई भी चित्र संकलित कर चित्र – वर्णन कीजिए।

प्रश्न 7. स्नेह – शपथ पढ़ें कविता पढ़ें।

प्रश्न 8. तेलंगाना का भोजन' विषय पर वर्णन करते हुए एक सचित्र परियोजना कार्य तैयार कीजिए।

प्रश्न 9. 'मित्रता' पर पांच दोहों का संकलन करके एक सचित्र आकर्षक चार्ट तैयार कीजिए।

कक्षा-अष्टमी

प्रश्न. किए गए शैक्षिक भ्रमण का वर्णन संस्कृत भाषा में 10 वाक्यों में लिखिए।

प्र॰ 2. किन्हीं बीस आदर्श वाक्यों की एक सूची बनाकर उनके अर्थ सहित लिखें।

प्र॰ 3. अपने विषय में बताते हुए संस्कृत भाषा में 10 वाक्य लिखिए।

प्र॰ 4. महाकवि कालिदास के जीवन चरित्र को 10-15 वाक्यों में संस्कृत में प्रस्तुत करें।

प्र॰ 5. किन्हीं दो वैदिक मंत्रों को व्याख्या सहित चार्ट पर प्रस्तुत करें।