

## **HOLIDAY HOMEWORK CLASS 8 ENGLISH**

1. Sow a seed (any seed) in the soil in or near your home. Water daily. Observe it weekly and record the development in your own words. Also write a paragraph about what you felt when you saw it to grow into a small plant. Paste some pictures phases of seed getting transformed into a plant on scrap book (0.5 marks)

2. Take an A3 size sheet, make a collage based on an advertisement of any health product. Give it a suitable title. (0.5 marks)

3. List down & write the names of the awards which are given to English writers. Also make a list of some of the literary icons who have won the Noble prize for literature in last ten years along with their nationality. Paste their pictures on A3 size sheet to be presented in the class & learn one line about them. (spoken activity) (1 marks)

4. Learn the whole syllabus of April and May for upcoming formative assessment. Read one chapter daily in story.

1. Moral based story writing (picture either paste or draw)

2. Charts of Tenses

3. Example profile related to all types of tense.

1. The students are directed to read newspapers and magazines daily and update themselves with the current affairs.

2. Maintain a personal diary and write two new words everyday along with current affairs. 3. All the students are required to revise the PT-1 Syllabus of all the subjects thoroughly.

Activity-

Plan a get together party to be held at your place.

Make a list of things you will require using determiners.

Ex. I called up all my friends for the party.

Some of them didn't come.

My mother bought few packets of chips for us. ☑ Click photographs and paste them. Now, write a diary entry in not more than 120 words describing the fun you had at the party.

At the end of the party, when you were helping your mother clean up the house, you found a watch lying unclaimed in the living room. Draft a notice for the School Notice Board inviting the claimants for the same that you would put up in the school as soon as it reopens.

HINDI

1. कबीरदासजी, रहीमदासजी, तुलसीदासजीइनमेंसेकिसीभीएककविकेकोईपाँचदोहेA3 साइजकीशीटपरसुंदरलिखाईमेंलिखिए।

2. हिंदीदिवसकेदोपोस्टरA3 साइजकीशीटपरसुंदरलिखाईमेंबनाकरतैयारकीजिए।

3. एकऔपचारिकपत्रवएकअनौपचारिकपत्र(बधाई-पत्र)अपनीहिंदीव्याकरणकॉपीमेंसुंदरलिखाईमेंलिखिए।

4. प्रेमचंदजयंतिपरA3 साइजशीटपरएकसुंदरवआकर्षकपोस्टरतैयारकीजिए।

5. शब्द- भंडार (पाठ-5)व्याकरण

\*पर्यायवाचीशब्द (11-20)

\*विलोमशब्द (11-20)

\*अनेकार्थीशब्द (11-20)

\*वाक्यांशकेलिएएकशब्द (11-20)

\*श्रुतिसमभिन्नार्थकशब्द (11-20)

6. अप्रैलवर्माहमेंकरवायागयासंपूर्णपाठ्यक्रमयादकीजिए।

MATHS

### MATHEMATICS Class 8

1. Revise Chapters-1 and 2

2. Design a A3-size poster on topic: Maths in Daily life

3. Make a 3-D model on the topic "Area of the circle".

<https://youtu.be/Zc0ctLwiCoU>

4. Prepare a model on the Pythagoras theorem.

<https://youtu.be/A7Kz3Sybzgw>

OR

Make a model representing types of angles.

<https://youtu.be/9m4UVel44ZY>

5. Do the given worksheets in a separate notebook.

Worksheet-1

**Competency based questions:**

Q1. Find  $y$  if :  $\frac{55}{72} \times \frac{18}{11} \times y = \frac{1}{7}$ .

Q2. The product of two rational numbers is  $-\frac{23}{9}$ . If one of the number is  $\frac{46}{3}$ . Find the other.

Q3. Rearrange suitably and find the sum

$$\frac{-4}{7} + \frac{7}{6} + \frac{2}{7} + 3 + \frac{(-11)}{6}$$

Q4. Evaluate  $\frac{11}{12} - \frac{-1}{4} - \frac{2}{3}$

Q5. Find the product of additive inverse and multiplicative inverse of  $\frac{-1}{3}$ .

**Skill based questions**

Q6. If  $x = \frac{2}{3}$  and  $y = \frac{3}{4}$ , then find  $(x + y) \div (x - y)$

Q7. What should be added to  $(\frac{2}{3} + \frac{3}{5} - 1)$  to obtain  $\frac{-2}{15}$ ?

Q8. If  $\frac{3}{5}$  of a number exceeds  $\frac{2}{7}$  by 44, find the number.

Q9. Simplify :

a)  $\frac{-15}{4} \times \left(\frac{-8}{5} + \frac{3}{2}\right) - \left(\frac{15}{14} \div \frac{25}{21}\right)$     b)  $\left(\frac{-3}{2} \times \frac{4}{5}\right) + \left(\frac{9}{5} \div \frac{3}{-10}\right) - \left(\frac{1}{2} \times \frac{3}{4}\right)$

c)  $\frac{26}{21} + \frac{2}{7} \div \frac{1}{4} \times \frac{2}{3} - 2$

Q10. Divide the sum of  $\frac{-13}{5}$  and  $\frac{12}{7}$  by the product of  $\frac{-31}{7}$  and  $\frac{-1}{2}$ .

**Application based questions:**

Q11. The area of a rectangular field is  $\frac{-33}{100} \text{ cm}^2$ . If its breadth is  $\frac{6}{125} \text{ cm}$ , find the length.

Q12. A farmer has a field of area  $49\frac{4}{5} \text{ ha}$ . He wants to divide it equally among his one son and two daughters. How much area of field will each one.

Q13. The cost of  $\frac{19}{4} \text{ m}$  of wire is ₹  $\frac{171}{2}$ . Find the cost of one metre of wire.

Worksheet-2

1. Find the multiplicative inverse of the following:

a)  $3^{-4}$    b)  $7^{-2}$    c)  $9^{-9}$    d)  $10^{-80}$

2. Expand the following numbers using exponents

a) 18964.63   b) 7064.373

3. Simplify and write in exponential form

a)  $(-3)^{-3} \times (-3)^{-2} \times (-3)^{-5}$

b)  $a^{-8} \times a^{-10} \times a^{-2}$

4. Express  $9^{-3}$  as a power with the base 3.

5. Find the value of:

a)  $\left[ \left(\frac{1}{2}\right)^0 + \left(\frac{1}{5}\right)^3 + \left(\frac{2}{3}\right)^2 \right]$

b)  $\left[ \left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{2}\right)^{-3} \right] \div \left(\frac{1}{4}\right)^{-2}$

c)  $\left[ \left(\frac{9}{5}\right)^{-8} \times \left(\frac{5}{9}\right)^{-5} \right]$

d)  $(9^2 - 4^3) \times \left(\frac{-3}{17}\right)^2 \times \frac{34}{9}$

6. Simplify :

$$\left[ \left(\frac{1}{4}\right)^4 + \left(\frac{1}{4}\right)^3 \right] \times \left[ \left(\frac{3}{5}\right)^{12} \div \left(\frac{3}{5}\right)^5 \right]$$

7. Find x, if  $\left(\frac{2}{3}\right)^{-5} \times \left(\frac{2}{3}\right)^{12} = \left(\frac{2}{3}\right)^{3x-2}$

8. Simplify :  $\left(\frac{a}{b}\right)^4 \times \left(\frac{4ab}{3a}\right)^2 \times \left(\frac{b}{2a}\right)^3$

9. Evaluate : (a)  $\frac{4^{-1/2} \times 2^{1/2} \times 2}{8 \times 8^{-1/2}}$  (b)  $\frac{(48)^{-2} \times (64)^{1/2}}{(24)^{-1}}$

10. Write the following in standard form :

(a) 0.0000389 (b) 19280000 (c)  $\frac{0.000462}{10^7}$

## SCIENCE

### SCIENCE HOLIDAY HOMEWORK

This Holiday "HAVE AN AIM" You need a goal and an aim to build your life and shape up your character and self.

1. In an A4 Size sheet show phases of moon. Label it
2. Draw any three constellations in an A-4 sized sheet (preferably black)
3. Paste /draw the 8 planets along with the sun giving details/facts of those heavenly bodies
4. With the help of collage write at least four applications of artificial satellite. Write latest three achievements of ISRO
5. ANY ONE MODEL FROM THE CHAPTER UNIVERSE. Topic as discussed in the class
6. Group work- prepare your Researched topic in the form of file, chart, pamphlet, flyer etc. as decided by the team and present your topic in the class. (Ek bharat shreshtha bharat)
7. Do the given assignment from lesson four – metal and non-metal

### S.ST

LEARNING WORK: Revision of all the chapters and worksheets which have been completed.

\* MAP WORK\*: ( Do it in map notebook)

A political map of India mark and label the following:

A) India-States with Capitals,

B)Tropic of Cancer(States), Standard Meridian, Southern most extend ,northern most extend ,eastern most and western most point of India (Location and Labeling)

## PROJECT WORK(GEO)

### Ch-4 Mineral & Energy Resources

Roll no 1 to 10 ( Do it on A4 size sheet)

List the minerals found in your state and mention their important uses. Also find out the names of multipurpose projects, if any, in your state and the benefits they provide to your state .

Roll no 11 to 20( Do it on A4 size sheet)

Prepare a report on the worldwide production of petroleum.

Roll no 21 onwards

critical thinking( Do it on A4 size sheet)

Without energy life would almost come to a standstill. We know that energy like coal, petroleum or nonrenewable. What should we do to save them for the future?

Art-Integrated Project work

Prepare a Project on the topic: Lakshadweep and Andaman Nicobar Islands – A Comparative Study (mainly in terms of Location, Formation and Characteristic features- Use of maps, illustrations drawn by the students )

## **G.K.**

**Write 5 weekly current affairs/Headline in G.k notebook.**

## **Class 8 Computer Holidays' Homework**

- Read and Learn Ch-1(Computer Network), ch-2(Access- Creating a Database)
- Learn various editing features of Open shot Video Editor and create and edit a video project on anyone one of the following :
  - ✓cyber security
  - ✓Internet security
  - ✓ Pros and cons of Internet.
- Create a PowerPoint Presentation on wired and Wireless network, showing their advantages and disadvantages and take printout.
- Create the following table in a database named My Sales. Create Table, add columns (ID, price, commission, customer number, car code, salesperson, scheme number.) take print out after inserting rows.

## **Worksheet**

ROLL NO:- \_\_\_\_\_

NAME:- \_\_\_\_\_

CLASS:- \_\_\_\_\_

I Fill in the Blanks

1. \_\_\_\_\_ are the certain sets of rules that determine how data should be transferred over the network.
2. \_\_\_\_\_ refers to a computer network that allows controlled access to an information source available on internet.
3. \_\_\_\_\_ is wireless technology used to interconnect mobile phones, computers, printers using short range wireless connection.
4. \_\_\_\_\_ is the most commonly used network card.
5. \_\_\_\_\_ acts as a central point of connection for all the computers on a network.
6. \_\_\_\_\_ have wireless antenna, which increases the communication range of radio signals.
7. \_\_\_\_\_ generally covers a range of less than 10 meters.
8. \_\_\_\_\_ are the computers, which request services, like data retrieval storage, etc. from the server.
9. \_\_\_\_\_ is a device that connects wireless communication devices to form a wireless network.
10. In \_\_\_\_\_ there is no central server, instead each computer act as a server as a client.
11. The usage of \_\_\_\_\_ is limited to very large organisations and government agencies.
12. \_\_\_\_\_ is an example of DBMS.
13. DBMS stands for \_\_\_\_\_.
14. RDBMS stands for \_\_\_\_\_.
15. The rows in a table is called \_\_\_\_\_.
16. \_\_\_\_\_ are the building blocks of a database.
17. \_\_\_\_\_ are used to display selected data in a printable format.
18. \_\_\_\_\_ helps to retrieve the filtered data based upon some conditions.
19. A set of characters that represents a valid value is known as \_\_\_\_\_.
20. The shortcut key to quit Microsoft Access. \_\_\_\_\_.
21. The extension for database in Microsoft access 2016 is \_\_\_\_\_.