

**FIT
INDIA**

SURAJ SCHOOL

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Summer Holiday Homework (2024-25) CLASS –VIII

**“Summers are back
Holidays are here
Days of Fun
Have just begun**

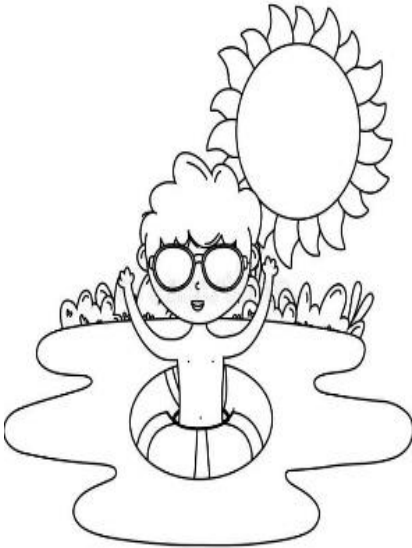
We can stroll here & there

We can roll here & there

We can sleep when we want

It's the time to beat the heat

With a Yummy Ice-cream treat.”



ENJOY YOUR SUMMER VACATIONS!!

HOLIDAY HOMEWORK (2024-25) CLASS- VIII

“Genius is one percent inspiration and ninety-nine percent perspiration. As a result, a genius is often a talented person who has simply done all of his/her work on time”.

Dear parent

As we all know that every year we have a summer break in our school, this is a time when every kid plans a holiday with their parents to visit their grandparents or a new city or country. Even though there are many good things about the holidays, it always comes with holiday homework. It is the task that is assigned to students to be completed during the holiday. This is intended to improve the skills of students and enhance their capabilities. Keeping this in mind, holiday homework has been prepared so that along with the fun, continuity with academics is also maintained.

Note: Kindly go through the instructions carefully and do the needful accordingly.

- Entire Homework to be done as per the instructions given by the teacher in the class
- Detailed homework to be done in the concerned subject notebook instructions are given along with the subject, follow the same.
- Entire holiday homework (Subject wise) would be **evaluated for Term-I Internal Assessment out of 10 marks**
- Well labelled Holiday homework to be submitted to the concerned Class Teacher/Subject Teacher on **Wednesday July 05, 2024.**



Wishing you all a very Happy Summer Break!!

SCIENCE

1. Read chapter (1-4) and write 10 MCQ from each chapter in fair notebook.
2. Write on A4 size sheet: -
 - In dry piece of land for cultivation, what will you do before sowing the seeds?
 - Which activity of the farmers can promote the growth of earthworm and microbes in the field?
 - Why is curd an important ingredient of rava (sooji), idlis and bhaturas Explain.
 - Write the names of any four friendly and four harmful microorganisms.
 - What happens when a magnesium ribbon is burnt in air?
 - In what form is Magnesium found in plants.
 - How can we check that a food item is spoilt.
 - Do you think sunlight can get exhausted by human activity.
3. Make a chart on following: -
 - i) Nitrogen cycle (1-10)
 - ii) Human ear (11-20)
 - iii) Human eye (21 onwards)
4. Make a working model on Hydroelectricity with the help of this link
<https://youtu.be/0DD65XEr4ws?si=5e1quS50nX8AkyNY>

SOCIAL SCIENCE

1. Write a short note on East India company.
2. Write few lines on the following: -
 - a) Battle of Plassey
 - b) Battle of Buxar
- 3) Make a flow chart on revenue system: -
 - a) Permanent settlement
 - b) Ryotwari settlement
 - c) Mahalwari settlement
4. Explain Indigo rebellion?
5. Make a flowchart on the “Types of resources” (page no.- 116). On A4 size colourful sheet.
6. Draw three R3 method on A4 size sheet:
 - a) Reuse
 - b) Reduce
 - c) Recycle
7. Make any one model: -
 - a) Soil profile.
 - b) Rainwater harvesting.
 - c) Drip or sprinkler irrigation.
8. Draw India's map outline and fill soil resources of India (page no.-127).
9. Write India's constitution preamble on chart (page no.-207).
10. Write a short note on fundamental rights and mention all fundamental rights.

MATHEMATICS

Note: PREPARE WORKING MODEL/PROJECT WORK IN AN ATTRACTIVE WAY.

1. Solve these questions in holiday homework notebook
 - A. Draw a number line and represent the following on it
 - a. $\frac{3}{2}$ b) $\frac{12}{5}$
 - b. $\frac{7}{5}$
 - c. $\frac{3}{8}$
 - B. Compare the following
 - a. $\frac{9}{12}$ and $\frac{8}{-12}$
 - b. $\frac{16}{20}$ and $\frac{20}{-25}$
 - c. $\frac{7}{21}$ and $\frac{3}{-9}$
 - d. $\frac{5}{8}$ and $-\frac{3}{4}$
 - e. $\frac{7}{12}$ and $\frac{5}{-8}$
 - f. $\frac{4}{9}$ and $-\frac{3}{-7}$
 - C. Arrange the following in ascending order .
 - a) $\frac{3}{5}, -\frac{7}{10}, \frac{8}{-15}, -\frac{17}{-30}$
 - b) $-\frac{5}{11}, \frac{1}{-2}, -\frac{6}{7}, -\frac{3}{4}$
 - c) $-\frac{4}{9}, 5, -12, \frac{7}{-18}, \frac{2}{-3}$
 - D. Arrange the following in descending order
 - a. $\frac{4}{3}, -\frac{5}{6}, -\frac{7}{-12}, \frac{11}{-24}$ b) $-\frac{3}{10}, \frac{17}{30}, \frac{7}{-15}, -\frac{11}{20}$ c) $-2, -\frac{13}{6}, \frac{8}{-3}, \frac{1}{3}$
 - b. Find five rational numbers between 7 and -5.
 - c. Find twelve rational numbers between $-\frac{3}{4}$ and $\frac{5}{6}$.
 - E. Evaluate the following
 - a. $\frac{4}{7} - \frac{8}{9} - \frac{13}{7} + \frac{17}{21}$
 - b. $\frac{2}{3} - \frac{3}{5} + \frac{1}{6} + -\frac{8}{1}$
 - c. b) $-\frac{7}{40} - \frac{9}{5} \frac{19}{10} + \frac{11}{14}$
 - d. $\frac{4}{3} - \frac{5}{8} + \frac{8}{13} + \frac{9}{13}$
 - F. Simplify
 - a. $(-\frac{16}{5} \times \frac{20}{8}) (\frac{15}{5} \times \frac{35}{5})$
 - b. $(-\frac{3}{2} \times \frac{4}{5}) + (\frac{9}{5} \times -\frac{10}{3})$
 - G. Simplify using the properties
 - a. $(-\frac{4}{7} \times \frac{3}{4}) - (-\frac{4}{7} \times -\frac{2}{3})$
 - b. $(\frac{1}{2} \times -\frac{2}{3}) + (\frac{1}{2} \times -\frac{5}{6})$
 - H. By adding 7 to a number, we obtain 49, find the number.
 - I. Sum of two numbers is 75. If one exceeds the other by 5, find the number.
 - J. A number consists of two digits whose sum is 8. If 18 is added to the number its digits are reversed. Find the number.
2. Prepare working model to find square of 1 to 10 numbers.
3. Write squares and square root on a chart paper 1 to 30.
4. Write cubes and cubes root on a chart paper 1 to 20. Paste on a cardboard.
5. Collect information on Hardy Ramanujan and write in notebook
6. Write properties of Rational numbers on a chart paper with examples.
7. Write law of exponents on A 3 size sheet using examples.

8. Collect information of different planets and express in scientific notation.
- Distance between earth and moon,
 - Distance between earth and sun
 - Mass of all planet.

हिंदी

- पेड़ पौधे हमारे सच्चे मित्र' या 'जीवन में माँ का महत्व'विषय पर अनुच्छेद लिखिए |
- 'शहीद भगत सिंह' या 'द गांधी' फिल्म को देखकर अपने विचार एक निबंध के रूप में लिखिए |
- अपने मित्र को अपने स्कूल में हुए 'वार्षिक महोत्सव' के बारे में बताते हुए पत्र लिखिए
- निम्नलिखित कठिन शब्दों के अर्थ लिखिए - शीतल ,छुआछूत, स्वच्छ ,वायु बीमारी, काल ,समस्याएँ, प्रयोग आविष्कार, रसायनों ,आत्मकथा, परेशान ,चुंगल, भावना, निगरानी, चिंता ,मौखिक, वक्तव्य, सशक्त, शीर्षक, कामना, शौक, तलाश
- पाठ -1 से पाठ -5 तक प्रश्न उत्तर याद करें |
- प्रतिदिन एक पेज सुलेख लिखिए |
- गीता के दो- दो श्लोक कंठस्थ करें व दो- दो बार लिखें (परियोजना कार्य)
- गायत्री मंत्र लिखकर अभ्यास करें (परियोजना कार्य)

ENGLISH

- ACTIVITY - BIOGRAPHY WRITING -Write a biography of person who has motivated you in your life. (do in A4 sheet)
- Here are some of the English Idioms related to colors. Find out the meanings of these idioms - (do in A4 sheet)
 - black mood
 - black and white
 - golden handshake
 - green fingers
 - grey matter
 - red tape
 - catch someone red handed
 - out of the blue
- Draw flow chart of the following grammar topic: (do any 3 in Chart and other in A3 Sheet)
 - Tenses
 - Adjective
 - Direct and indirect speech
 - Active and passive voice
 - Article
 - If conditionals
- English: Make a Time Line Tree for any of the great literary personality. From their year of birth to the different
- years of their work and achievement. Choose any one whom you have read. Present your work on a
- chart paper as a wall hanging.
- Eg; Shakespeare, Rabindranath Tagore, R.K Narayan, Roald Dahl, William Wordsworth
- Write one page handwriting daily. (in small notebook)**
Since a travelogue is written after a trip to another country or place. The main purpose of this type of writing is a description of that place. Design a TRAVELOGUE on your favorite place you visited so far. Though your travelogue can contain many areas of focus, when designing it, you can concentrate on: local customs and traditions, cuisine, depictions of places of interest, local history, culture, price of transportation and entertainment. (do in A3 sheet)

COMPUTER

A. Write the full forms the following.

1. LAN
2. MAN
3. WAN
4. PAN

B. Write [T] for True and [F] for False statements.

1. Bluetooth is a wireless technology that uses radio frequencies to transmit information over short distances.
2. Satellites are placed below the Earth's surface.
3. Client Server technology is network architecture in which each computer on the network is either a client or a server.
4. Computers are not used to store large amount of data.
5. Glass optical fibres are made from silica.

C. Give one word answer for the following.

1. These are larger computer networks usually spanning a campus or a city.
2. A topology that shows a combination of characteristics of bus and star topologies.
3. This communication is used for long-distance telephonic communication, cell phone communication, etc.
4. A system where computers are interconnected to share information.

D. Name the following.

1. Four types of computer network.
2. Three different types of topologies.
3. Three physical communications medium.
4. Three commonly used operating system for servers.

A. Multiple choice questions.

1. All the controls of a form should be enclosed within the

- (a) Opening and closing <FIRM> tag (c) Opening and closing <FRM> tag
 (b) Opening and closing <FORM> tag (d) None of these

2. Which attribute specifies the technique that is used to pass data to the server?
 - (a) The action attribute.
 - (b) The method attribute.
 - (c) Either (a) or (b)
 - (d) Neither (a) nor (b)
3. Which of the following is not a valid value for the TYPE attribute of the INPUT tag?
 - (a) Checkbox
 - (b) Submit
 - (c) Radio button
 - (d) Reset
4. Which of the following is syntactically correct HTML code?
 - (a) `<INPUT TYPE= "submit" VALUES = "reset, submit">`
 - (b) `<INPUT TEXT = "submit" VALUE = "reset">`
 - (c) `<INPUT TYPE = "submit" VALUE = "reset">`
 - (d) `<INPUT TYPE = "reset" TEXT = "clear">`
5. Which of the following code correctly illustrates how to preselect a specific option?
 - (a) `<OPTION SELECT>`
 - (b) `<OPTION MARK>`
 - (c) `<OPTION SELECTED>`
 - (d) `<OPTION CHECKED>`

B. Write [T] for True and [F] for False statements.

1. With frames, the user can display more than one HTML documents in a single browser window.
2. The `<SELECT>` tag defines an input field which can receive the user data.
3. The `<TEXTAREA>` tag defines a multiline input field on an HTML form.
4. The `NORESIZE` attribute is used if you do not want frame windows to be resizable. Radio buttons are used when more than one option is required to be selected.

GK

(States and Capitals)

1. Andhra Pradesh	—	Amaravati
2. Arunachal Pradesh	—	Itanagar
3. Assam	—	Dispur
4. Bihar	—	Patna
5. Chhattisgarh	—	Raipur
6. Goa	—	Panaji
7. Gujarat	—	Gandhinagar
8. Haryana	—	Chandigarh
9. Himachal Pradesh	—	Shimla
10. Jharkhand	—	Ranchi
11. Karnataka	—	Bengaluru (Bangalore)
12. Kerala	—	Thiruvananthapuram
13. Madhya Pradesh	—	Bhopal
14. Maharashtra	—	Mumbai
15. Manipur	—	Imphal
16. Meghalaya	—	Shillong
17. Mizoram	—	Aizawl
18. Nagaland	—	Kohima
19. Odisha	—	Bhubaneswar
20. Punjab	—	Chandigarh
21. Rajasthan	—	Jaipur
22. Sikkim	—	Gangtok
23. Tamil Nadu	—	Chennai
24. Telangana	—	Hyderabad
25. Tripura	—	Agartala
26. Uttar Pradesh	—	Lucknow
27. Uttarakhand	—	Dehradun (Winter),
28. West Bengal	—	Kolkata

(Union Territories and their capitals)

1. Andaman and Nicobar Islands	—	Port Blair
2. Chandigarh	—	Chandigarh
3. Dadra and Nagar Haveli and Daman and Diu	—	Daman
4. Lakshadweep	—	Kavaratti
5. Delhi	—	New Delhi
6. Puducherry	—	Puducherry
7. Ladakh	—	Leh (Summer), Kargil (Winter)
8. Jammu and Kashmir	—	Srinagar (Summer), Jammu (Winter)

1. United States	–	Dollar (USD)
2. United Kingdom	–	Pound Sterling (GBP)
3. European Union	–	Euro (EUR)
4. Japan	–	Yen (JPY)
5. India	–	Rupee (INR)
6. Canada	–	Dollar (CAD)
7. Australia	–	Dollar (AUD)
8. China	–	Yuan (CNY)
9. Russia	–	Ruble (RUB)
10. Brazil	–	Real (BRL)
11. South Africa	–	Rand (ZAR)
12. Mexico	–	Peso (MXN)
13. Switzerland	–	Franc (CHF)
14. Saudi Arabia	–	Riyal (SAR)
15. South Korea	–	Won (KRW)
16. Singapore	–	Dollar (SGD)
17. Turkey	–	Lira (TRY)
18. Argentina	–	Peso (ARS)
19. Indonesia	–	Rupiah (IDR)
20. Malaysia	–	Ringgit (MYR)
21. Thailand	–	Baht (THB)
22. New Zealand	–	Dollar (NZD)
23. Vietnam	–	Dong (VND)
24. Nigeria	–	Naira (NGN)
25. Egypt	–	Pound (EGP)

1. Who is the current Prime Minister of India? Answer: Narendra Modi
2. Who holds the position of the Minister of Defense? Answer: Rajnath Singh
3. Who is the Minister of Home Affairs? Answer: Amit Shah
4. Who is the current Minister of Finance? Answer: Nirmala Sitharaman
5. Who is the Minister of External Affairs? Answer: Subrahmanyam Jaishankar
6. Who is the Minister of Railways? Answer: Ashwini Vaishnaw
7. Who holds the position of the Minister of Commerce and Industry? Answer: Piyush Goyal
8. Who is the Minister of Health and Family Welfare? Answer: Mansukh Mandaviya
9. Who is the Minister of Education? Answer: Dharmendra Pradhan
10. Who is the Minister of Road Transport and Highways? Answer: Nitin Gadkari
11. Who is the Minister of Electronics and Information Technology? Answer: Ashwini Vaishnaw
12. Who is the Minister of Women and Child Development? Answer: Smriti Irani
13. Who is the Minister of Environment, Forest and Climate Change? Answer: Bhupender Yadav
14. Who holds the position of the Minister of Agriculture and Farmers' Welfare? Answer: Narendra Singh Tomar
15. Who is the Minister of Communications? Answer: Ashwini Vaishnaw
16. Who is the Minister of Law and Justice? Answer: Arjun Ram Meghwal
17. Who is the Minister of Housing and Urban Affairs? Answer: Hardeep Singh Puri
18. Who is the Minister of Youth Affairs and Sports? Answer: Anurag Thakur
19. Who is the Minister of Minority Affairs? Answer: Smriti Irani
20. Who is the Minister of Civil Aviation? Answer: Jyotiraditya Scindia