English

Design your own English magazine that should contain the following:

1) A paragraph of 80 words on the place you visited during your summer vacation. Paste/ draw some interesting pictures depicting the beauty of that place.

2) Summarize in 100-120 words an interesting short story that you have read or heard from your grandparents/ parents.

3) Write a self composed poem of 3 to 4 stanzas on any topic of your choice. Draw pictures relating to your poem.

4) Write at least five amazing facts you learnt during your summer vacation.

NOTE

1) Make a beautiful cover page and name your magazine.

2) Do all your work in A4 size sheet. Paste or draw pictures wherever required. All your work should be very neat, presentable and creative.

Science :Packaged and preserved food items such as biscuits, fruits, vegetables ,jam, noodles and chocolates are available readily in the market. Before you buy your favourite brand of food, do you check the label on the side of the jar 'Manufactured date' or 'Packaged date', 'Best before' or 'best if used by 'and 'use by' or 'Expiry date'? Apart from these information, what do the labels contain? What is the advantage or purpose of having these labels?

Identify the chemical nature of the substances

What are the FSSAI rules for labelling?

How does the quantity or net weight fall under this category?.

 Note : Do science holiday homework in comment sheets.

 Maths

Solve practice sheets in revision register.

Artificial Intelligence

1) Design the layout of your Dream Smart Home on an A4 sheet. Specify the kinds of smart gadgets you would like to have. Paste this sheet in your AI notebook.

2) Imagine the world in 2050 and write a letter to your future self. Be sure to mention things that you think your future self would probably be doing and experiencing in daily life. You may include your hobbies, your pets, your surroundings, the role of AI in your life etc. (For the format you can refer to page no. 19 of your AI book)

3) Visit the following link to play the game Emoji Scavenger Hunt :

https://experiments.withgoogle.com/emoji-scavenger

Write a small paragraph describing where is AI used in this game.

4) Generative AI refers to a category of AI algorithms that generate new outputs based on the data they have been trained on. Explore the internet to find information about generative AI, the new revolution in AI applications. Write a small paragraph describing it.

Note : All the work is to be done in your AI notebook.

Sub: Computer Science
Solve the given sheet in your   computer register.....
 Note : Revise the syllabus of July Test

History
Collect the information on any four historians through any reliable source and write the details in your notebook. Paste the pictures also.

Geography
Name and list from your surroundings as many resources as you can. Find out how resources from your natural surroundings are being used in your locality.
Note: Do in your Geography notebook.

संस्कृत
 पुस्तक -दिव्यम् भाग तीन, प्रार्थना तथा पुनर्मूषको भव पाठों को पढ़िए तथा कृ धातु के रूप पांचों लकारों में उत्तर पुस्तिका में लिखिए।मणिका पुस्तक में पृष्ठ संख्या 221में दिए गए अपठित गद्यांश को पुस्तक में हल कीजिए।

जुलाई माह में होने वाली परीक्षा हेतु पाठों का पुनः स्मरण कीजिए।

हिंदी
1-"वृद्ध मनुष्य दूसरों पर आश्रित होता है।" यह सत्य है। इस विचार को ध्यान में रखते हुए अपने आसपास के ऐसे ही वृद्धजन की सेवा,सहायता करने हेतु आप क्या-क्या कर सकते हैं ?अपने विचार एक अनुच्छेद के रूप में हिंदी भाषा की उत्तर पुस्तिका में लिखिए।

2- कहानी लेखन

.... अंततः मैंने वह पदक प्राप्त कर लिया क्योंकि मैं अपने लक्ष्य को प्राप्त करने के लिए दृढ़संकल्पित था।" कहानी का समापन ऊपर दिया गया है। आप अपनी कहानी शुरू तो कर सकते हैं लेकिन अंत नहीं बदल सकते। अपनी हिंदी भाषा की उत्तर पुस्तिका में लगभग 150-200 शब्दों में एक कहानी लिखिए।

व्याकरण पुष्प (८)से-कार्य प्रपत्र संख्या 1तथा 3 में दिए गए अभ्यास कार्य पूर्ण कीजिए।
जुलाई माह परीक्षा हेतु प्रस्तावित पाठों का पुनः स्मरण कार्य कीजिए।

 Note - Prepare all the subjects well for your July Test.

Expand the following terms:

1. API   **2.** ASCII   **3.** BIOS   **4.** COMPUTER   **5.**DNS   **6.** DTP   **7.** GOOGLE

8. HDMI   **9.** IMEI   **10.** JPEG   **11.** PDF   **12.** PNG   `13. SIM

14. VGA   **15.** Wi-Fi   **16.** XML   **17.** YAHOO   **18.** CAD   **19.** NIC   **20.** ICA

21. ISP   **22.** ARPANET   **23.** HP   **24.** GPRS   **25.** CDMA   **26.** GSM   **27.** FAT

28. ISO   **29.** ICT   **30.** PIN

Write the CEOs of the following Multi National IT Companies:

i) Intel   **ii)** Apple Inc.   **iii)** Twitter   **iv)** Facebook   **v)** IBM   **vi)** Microsoft

vii) Yahoo   **viii)** YouTube   **ix)** Google   **x)** Amazon

Note : Do the work in Computers Registers

1. Show that 1089 is a perfect square. Also find the number whose square is 1089.
2. Find the smallest number which should be multiplied by 3675 to make it a perfect square. Also find the square root of this perfect square.
3. Express 121 as the sum of 11 odd numbers.
4. How many numbers lie between 99^2 and 100^2?
5. Write a Pythagorean triplet whose one number is 17.
6. Find the smallest square number which is divisible by each of the numbers 6, 8, 9.
7. In an auditorium the number of rows is equal to number of chairs in each row. If the capacity of the auditorium is 1764. Find the number of chairs in each row.
8. Find the length of diagonal of a rectangle whose length and breadth are 12 m and 5·m respectively.
9. Find the square root of 144 by successive subtraction.
10. Find the square root of following numbers by prime factorisation:
    (i) 5625   (ii) 1521
11. Find the square root of following numbers by long division method:
    (i) 21904   (ii) 108241
12. Find the square root of following decimal numbers:
    (i) 17.64   (ii) 13.3225
13. Find the square root of following fractions:
    (i) $1\dfrac{25}{144}$ (ii) $11\dfrac{225}{576}$
14. Find the least number which must be subtracted from 2311 to make it a perfect square.
15. Find the least number which must be added to 520 to make it a perfect square.
16. Find the greatest number of 5 digits which is a perfect square.

P...4..

1. Show that each of the following numbers is a perfect cube. Also find the number whose cube is the given number:
   (i) 74088   (ii) 15625

2. Find the cube of the following numbers:
   (i) −17   (ii) $-3\dfrac{4}{9}$

3. Find the cube root of each of the following numbers by prime factorisation:
   (i) 59319   (ii) 21952

4. Find the cube root of each of the following numbers:
   (i) −9261   (ii) $2\dfrac{43}{343}$ (iii) 0.216

5. Find the smallest number by which 5184 should be multiplied so that product is a perfect cube. Also find the cube root of the product.

6. Find the smallest number by which 8788 should be divided so that quotient is a perfect cube. Also find the cube root of the quotient.

7. Find the side of a cube whose volume is 4096 m³.

Dr Virendra Swarup Education Centre (Sr Wing), Shyam Nagar
Class: 8
Subject: English Worksheet

Add a suffix to the following words to form Abstract nouns:
   a) break   b) absent   c) pass   d) waste
   f) wide   g) educate h) just   i) cruel

Fill in the blanks with adjectives formed from the words given in the brackets:
   a) We were greatly moved by the _____ treatment of the airport authorities. (sympathy)
   b) India has made great progress in _____ as well as _____sector. (agriculture, industry)
   c) Leena's _____ behaviour with the kids made her very _____. (affection, people)
   d) To be _____ in life, it is not sufficient to acquire only _____ knowledge. (succeed, book)
   e) Mini is not only_____ but _____also. (talk,mischief)

Rewrite the sentence by placing the Adverbs at the correct position:
   a) I /practice /English /speaking /occasionally
   b) I /painted /carefully/ the/ house
   c) we / in/ the /city/ got/ almost /lost

Do as directed:
   a) As soon as we lit the candle the power supply was restored. (Begin: No sooner …………………………….)
   b) No sooner did we hear the noise than we rushed to the spot. (Begin: As soon as ……………………………)
   c) The child started crying. His mother lifted him up at once. (Begin: No sooner …………………………….)
   d) The bag was too heavy for me to lift. (Replace 'too' with so…..that)
   e) I was so frightened that I could not speak. (Use: 'too…to')

Note: Solve the worksheet in revision register.