

Mahatma Gandhi Shikshan Sansthan, Darbhanga

Summer Vacation Home work – 2022 – 23

Class – 8

Make separate thin copy for doing Home work of each subject.

Sanskrit

1. एक A-4 साइज कार्डबोर्ड पर स्वर संधि का वृक्ष बनाकर भेद के साथ एक-एक उदाहरण लिखें।
2. क्त्वा, तुमुन् और ल्यप प्रत्यय से पाँच-पाँच शब्द बनाकर अर्थ लिखें।
3. महात्मा गाँधी के विषय में पाँच वाक्य संस्कृत में लिखें।
4. आप अपने राज्य की विशेषता दस वाक्यों में लिखें और यह भी बताएँ इनमें से कौन सी विशेषता आपको सर्वाधिक प्रिय है और क्यों?
5. कोई दो श्लोक को लिखकर उसका अर्थ शुद्ध-शुद्ध लिखें।
6. अस्मद, युष्मद और तत् शब्दरूपों को लिख कर याद करें।

Hindi

1. पाठ्य-पुस्तक 'उत्सव' से पाठ संख्या 01 से 03 तक का प्रश्नोत्तर फेयर तथा याद करके लाना है।
2. सहज हिंदी व्याकरण भाग-7 से पृष्ठ संख्या- 39, 40, 43, 44, 47 एवं 48 के सभी प्रश्नों को हल करके लावें।
3. 'बाढ़' पर आधारित एक स्वरचित कविता लिखकर लावें।
4. A-4 साइज के कार्डबोर्ड पर एक वृक्ष बनाकर समास तथा उनके भेदों को उदाहरण सहित दर्शावें।
5. 'ताजमहल' और 'वनों का महत्त्व' के संबंध में लिखें।

English

1. Write and memorise thirty word meanings from your text book.
2. Write the definition of all kinds of sentences with examples.
3. Paste the pictures of five Indian English poets and write a few lines on them.
4. Memorise the question answers of all the taught lessons of your text book.
5. Write a story and give it a suitable title with its moral.

General Knowledge

Prepare a list on a chart paper of the following dignitaries of your state/Country.
Head of the State, Vice President, Head of the Government, Cabinet Ministeries of the government of India.

S.St

Answer the following in a neat & clean handwriting:-

1. What is secularism?
2. Distinguish between natural and human resources.
3. Why is preservation of documents important essential for History writing?
4. Why is India called a socialist country?

Mathematics

Do the given worksheet in your copy:-

1. Simplify and write the answer in exponential form $(2^5/2^8)^5 \times 2^{-5}$
2. Find m, so that $(-3)^{m+1} \times (-3)^5 = (-3)^7$
3. A dice is a cube in which the number on the opposite faces must total 7. Draw its net.
4. Draw the net of a triangular prism whose base is an equilateral triangle.
5. What is Euler's formula? Using it find the number of faces of tetrahedron having vertices as 4 and 6 edges.
6. By which smallest number should 42592 be divided so that the quotient is a perfect cube?
7. If 42×5 is a multiple of 9 and x is a digit, then find the value of x.
8. If 12×3 is a multiple of 3 and x is digit, then find the value of x.
9. What is the usual form of the number $9 \times 100 + 7 \times 1$?

10. A is a digit and 3418 is a multiple of 6. Which of the following can be the value of A?
 (a) 1 or 9 (b) 3 or 6 (c) 0 or 7 (d) 0 or 9
11. Is 2352 a perfect square? If not find the smallest number by which 2352 must be multiplied so that the product is a perfect square. Find the square root new number.
12. Simplify:
 $(\sqrt{81} + \sqrt{0.81} + \sqrt{0.0081}) \times \sqrt{10000}$
13. Verify that $(a + b) + c = a + (b + c)$ by taking $a = -2/3$, $b = -2$, $c = -3/4$
14. The sum of two rational numbers is $-3/7$. If one of the number is $-5/8$. Find the other.
15. Find three rational numbers between $-1/2$ and $1/3$
- B.
1. Solve Chapters Test 1 to 3 from your book.
 2. Make an album of Indian Mathematicians.
 3. Write all the properties of square and cube root on chart paper and memorise them.
 4. Write all the formulae of mensuration from your book and memorise them.

Computer

1. Design a banner for International Day of Yoga in Adobe Photoshop.
2. Create a webpage on the topic "Eat Healthy Eat Right".
3. Create a presentation containing slides about the following:
 Slide 1 : What is network?
 Slide 2 : Types of Networks.
 Slide 3 : Topology
 Slide 4 : Types of Topologies.

Science

1. Write the answer of long type questions of chapter 2 and 3 in a separate note book.
2. Draw the diagram of any five types of agricultural implements on a chart paper. Write their uses also.
3. Draw the diagram of any five types at microorganism on a separate chart paper and write their characteristics.
4. Paste photographs of any five Indian and three international scientists on a paper and write about their achievements.