

SANT NIRANKARI PUBLIC SCHOOL, TILAK NAGAR

HOLIDAYS HOMEWORK CLASS - VIII

SESSION: 2024-25

(SUMMER BREAK :- 20.05.2024-02.07.2024)

SUBJECT : SOCIAL SCIENCE

1. Write six features of the Indian constitution.
2. Write the fundamental Rights and Duties.
3. Write all Indian Prime Ministers' introductions and paste their pictures.
4. Draw and color the diagram of the biosphere.
5. Art Integrated:-
 - a) Festival
 - b) Food
 - c) Dress
 - d) Art and language
 - e) River and lake
6. Prepare a project on the life of tribal groups of Chhattisgarh. Information should be collected on the history, culture, food, literacy rate of that particular tribe. Project should be Informative and colorful pictures.
7. On the outline map of India political mark
Carnatic, Awadh, Sindh, Satara, Delhi, Bengal, Massulipatnam, Pondicherry, Goa, Surat, Bombay, Rajputana, Hyderabad, Mysore. (Paste in school notebook)
8. Revise all the chapters done so far and complete the worksheet.

SUBJECT : ENGLISH

1. Read one article from a newspaper or online source daily. Prepare a small verbal presentation for class speaking test on the same.
2. Solve questions of comprehension 1 and 2 of the grammar book on sheets and paste it in the book.
3. Watch any five dead videos on YouTube and describe them in the form of diary entries.
4. Write a letter to your friend telling him or her about your holidays on an A4 sheet and make an envelope for your letter as well.
5. Listen to a few English songs (school appropriate) and prepare it for presentation in class.
6. Prepare a comic strip of your own and hence read Tintin the comic Hero.
7. Revise all the grammar topics and lessons of your MCB till May month's syllabus.

विषय : हिंदी

ग्रीष्मकालीन गृह कार्य

विशेष : छुट्टियों का सारा काम रंगीन शीट्स पर करना है और सुन्दर सी सजी हुई फाइल में ही ले कर आना है।

1. व्याकरण की पुस्तक के अभ्यास कार्य में से 5-5 विज्ञापन, नारे, तथा सन्देश लिखो।
2. 5 अनौपचारिक तथा 5 औपचारिक पत्र लिखने का अभ्यास करो।
3. अलिफ़ लैला पुस्तक में से कोई भी 5 शिक्षा प्रद कहानियाँ पढ़कर उनके सार तथा दस-दस संज्ञा, विशेषण, तत्स्म तथा तद्भव शब्द छांटकर लिखो।
4. सुनहरी धूप तथा अमृत संचय का अभी तक का करवाया गया कक्षा कार्य और गृह कार्य कापी में पूरा करें।
5. अभी तक करवाया सारा कार्य याद करें।

Window
Go to Settings to acti

SUB: MATHEMATICS

Chapter : Rational Numbers

Worksheet

1. What should be added to $-5/4$ to get -1 ? (I) $-1/4$ (II) $1/4$ (III) 1 (IV) $-3/4$
2. What should be subtracted from $-5/4$ to get -1 ? (I) $-1/4$ (II) $1/4$ (III) 1 (IV) $-3/4$
3. Which of the following is the identity element? (I) 1 (II) -1 (III) 0 (IV) None of these
4. Which of the following is the Multiplicative identity for rational numbers? (I) 1 (II) -1 (III) 0 (IV) None of these
5. Which of the following is neither appositive nor a negative rational number? (I) 1 (II) 0 (III) Such a rational number does not exist (IV) None of these
6. Which of the following lies between 0 and -1 ? (I) 0 (II) -3 (III) $-2/3$ (IV) $4/3$
7. Which of the following is the reciprocal of a ? (I) $-a$ (II) a (III) $1/a$ (IV) $-1/a$
8. Which of the following is the product of $7/8$ and $-4/21$? (I) $-1/6$ (II) $1/12$ (III) $-16/63$ (IV) $-147/16$
9. Which of the following is the product of $(-7/8)$ and $4/21$? (I) $-1/6$ (II) 12 (III) $-63/16$ (IV) $-16/147$
10. Which of the following is the reciprocal of the reciprocal of a rational number? (I) -1 (II) 1 (III) 0 (IV) The number itself
11. Associative property is not followed by which type of numbers?
12. ____ is the identity for the addition of rational numbers. (a) 1 (b) 0 (c) 1 (d) 1
13. What is the multiplicative identity for rational numbers? 14. What is the additive inverse of $3/5$? 15. How many reciprocals does zero have?
16. Write:
 - (i) The rational number that does not have any reciprocal at all.
 - (ii) The rational numbers those are equal to their reciprocals.
 - (iii) The rational number that is equal to its negative.
17. Find $3/7 + (-6/11) + (-8/21) + (5/22)$
18. Verify that $-(-x) = x$ for (a) $x = 11/15$ (b) $x = -13/17$

Chapter: SQUARES AND SQUARE ROOTS

1. If one number of the Pythagorean triplet is 9 , then find the triplet.
2. Find the square root of the following:
 - (i) 524 (ii) 196 (iii) 625
3. Using properties of squares and square roots calculate: $1002 - 982$
4. By what least number should 2028 be multiplied so that the product is a perfect square? Find the square root of the product so obtained.

5. By what least number should 3528 be divided so that the quotient is a perfect square? Find the square root of the quotient so obtained.
 6. What least number must be added to 6412 to make the sum a perfect square? Find this perfect square and its square root.
 7. Simplify: $(\sqrt{2304} + \sqrt{1764}) / \sqrt{2304} - \sqrt{1764}$
 8. Which number can replace the question marks in the equation? $(? / \sqrt{128}) = (\sqrt{162} / ?)$
 9. Express 16 as sum of odd numbers.
 10. A sports teacher wants to arrange 6000 students in a field such that the number of rows is equal to number of columns. Find the number of rows if 71 were left out after arrangement.
 11. Evaluate: (a) $\sqrt{3675} \times \sqrt{2352}$ (b) $\sqrt{45} \times \sqrt{25}$ (c) $\sqrt{5625}$
 12. A perfect square number can never have the digits ... at the units place.
 13. 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 of new number.
 14. The area of a square field is 8281 m². Find the length of its side.
 15. Write a Pythagorean triplet whose smaller member is 6.
 16. What is the sum of first n odd natural numbers?
 17. A number ending in an odd number of zeros is never a _____.
 18. If m, n, p are natural numbers such that $2^m + 2^n = 2^p$ then (m, n, p) is called _____.
- Write 50 words on any ONE INDIAN MATHEMATICIANS AND ITS CONTRIBUTION IN MATHS.
- MODEL related to given topic: Types of angles Types of triangles Types of 3-D solid shapes
- Draw a map of your locality using different geometrical shapes. Draw 5 rangoli patterns of different states using geometrical shapes.

SANSKRIT

- 1.) 'सुरवी' में से पाठ - 1 से 3 तक पढ़ो, समझो तथा इसके शब्द अर्थ और अभ्यास कार्य याद करो।
- 2.) 1 से 50 तक संस्कृत में गिनती (पृष्ठ- 53,54) व ' राम (पृष्ठ-90) और लता (पृष्ठ-96) के शब्द रूप दो बार लिखो और याद करो।
- 3.) ' अस्' (पृष्ठ- 81) और ' नम्' (पृष्ठ-88) धातु के रूप पाँचों लकारों में दो बार लिखो और याद करो।
- 4.) A - 3 size sheet पर विपर्यया: (विलोम शब्दाः) (पृष्ठ- 105) शब्दों को लिखो।

नोट :- दिया गया लिखित कार्य एक अलग कॉपी में करना है

Topic for Andaman and Nicobar Art integrated project

संस्कृत - पर्यटन स्थल Tourist Places (chart / model / wall hanging / project file etc.)
Write name of Places in Hindi or Sanskrit .

Submit this Activity after Holidays.

SUBJECT : PUNJABI

ਪਾਠ 1 ਤੋਂ ਲੈ ਕੇ ਪਾਠ 3 ਤੱਕ ਦਾ ਪੂਰਾ ਅਭਿਆਸ ਯਾਦ ਕਰੋ ।
ਵਿਆਕਰਣ ਦਾ ਪਾਠ 1 (ਬੋਲੀ) ਲਿਖੇ ਅਤੇ ਯਾਦ ਕਰੋ।
Syllabus ਤੋਂ related ਕੋਈ ਇਕ activity ਬਣਾਓ । (Use A" size sheets)

SUBJECT : SCIENCE

1. Make a PPT for different types of traditional and modern method's of irrigation.
2. Make to chart for simple way to reduce plastic pollution.
3. Make a mode using can or plastic bottle to show liquid exerts equal pressure at the same depth and pressure in a liquid increases with depth.
4. Make a drum or guitar using plastic or paper waste.
5. Make a model using different shapes of plastic ball to show planets in solar system.
6. (Revise chapter – 1,11 and 13 for your upcoming periodic test)

SUBJECT : COMPUTER

1. Read the pdf given below and make a powerpoint presentation or project file on it. (Use A4 sheets)

<https://cybercrime.gov.in/UploadMedia/CyberSafetyEng.pdf>

2. Read chapter 2 and 3. Complete your pending work.

#STAY SAFE

#HAPPY HOLIDAYS

The School will reopen on 03.07.2024 (Wednesday)