



ARMY PUBLIC SCHOOL BIRPUR DEHRADUN

SUMMER HOLIDAY HOMEWORK SESSION 2023-24

CLASS - 7

ENGLISH

1. Poster Making (To be done in ½ size chart paper)

Create an attractive, colorful and eye catching poster on any one of the given topics (Word Limit -50 words) :

- Stop using Polythene And Plastic Bags
- Addiction of Mobile Phones

2.Creative Writing

Write a self composed poem / short story /article (on any topic) in an A4 sheet. Original & best pieces of writing will be published in the school magazine.

3.Handwriting

Summer break is a perfect opportunity to improve your handwriting .Do one page writing daily in a new notebook.

4. Revision

Revise all the work done in the class so far.

हिन्दी

- 1) “पुदुचेरी” की वेश-भूषा को प्रदर्शित करते हुए परियोजना कार्य तैयार करें। (नोट - A4 शीट पर करें)
- 2) पूरक पुस्तक “बाल महाभारत” में पाठ 1 से 20 तक पढ़ें और उस पर आधारित 20 लघु प्रश्न तैयार करें और उत्तर सहित A4 शीट पर लिखें)
- 3) करवाया गया समस्त पाठ्यक्रम नियतकालिक परीक्षा 1 हेतु याद करें।

MATHS

GENERAL INSTRUCTIONS:

- (i) Do the PRACTISE WORK in a thin notebook.
- (ii) Do the activities in a practical file. (one page blank)

(iii) The model has to be prepared by all students compulsorily.

PRACTISE WORKSHEET:

CH 1- INTEGERS

1. Find the value of p, if $p \times (-9) = 135$

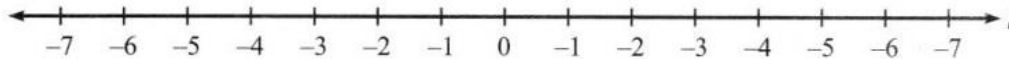
2. Use the sign of $>$, $<$ or $=$ in the box to make the statement true.

$$25 - 40 + 10 \square 25 - 40 - 10$$

3. Evaluate:

$$(-1) \times (-2) \times (-3) \times (-4) \times (-5)$$

4. With the help of number line find how much greater is the number 3 than -3



5. Pallavi got a scholarship of ₹ 1000 from her school. If she gives ₹ 550 for the help of flood relief, find the balance amount with her.

6. A building has 21 m height. A monkey can climb 3m in one jump. In how many jumps, would the monkey reach at the top of the building?

CASE STUDY

7. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer.

(i) Neha answered all the questions and scored 30 marks though she got 10 correct answers.

(ii) Ajay also answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?

8. A shopkeeper earns a profit of ₹ 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of her old stock.

(i) In a particular month, she incurs a loss of ₹ 5. In this period, she sold 45 pens. How many pencils did she sell in this period?

(ii) In the next month, she earns neither profit nor loss. If she sold 70 pens, how many pencils did she sell?

CH 2-Fractions and Decimals

1. Divide $\frac{15}{24}$ by $\frac{3}{4}$.

2. How long is 88.6 km than 48 km?

3. If cost of 20 pens is ₹ 356.80, then find the cost of a pen.

4. Express in kg:

(a) 4730g

(b) 8kg 4g

5. Convert:

(a) 0.25 into fraction

(b) $\frac{19}{20}$ to decimal form

6. Each side of a square field is 5.5m. Find the perimeter of the square field.

7. Find the missing number $12 - 2\frac{3}{4} = \frac{?}{4}$

8. Solve: $0.01 \times 0.01 = \square$

9. Solve: $3\frac{1}{5} \div 1\frac{2}{3} = \square$

10. Solve: $7.75 \div 0.25 = \square$

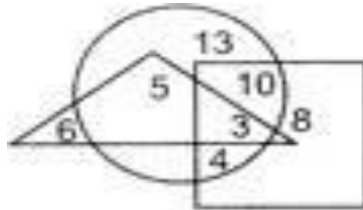
CASE STUDY

11. Kartikeya bought 5kg 500g apples and 3kg 250g of oranges. Shivani bought 4kg 200g mangoes and 4kg 500g guavas.

- (i) How much fruits did Shivani bought?
- (ii) How much fruits did Kartikaya bought?
- (iii) Who bought more fruits and how much?
- (iv) Who bought more guavas?

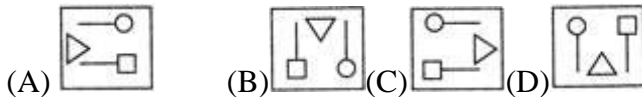
LOGICAL REASONING QUESTIONS

1. In the given diagram, square represents women, triangle represents sub-inspectors of police and circle represents graduates.



- (i) Which numbered area represents graduate women who are sub-inspectors of police?
 (A) 5 (B) 3 (C) 8 (D) 13
- (ii) How many graduates are sub inspectors?
 (A) 6 (B) 5 (C) 3 (D) 8

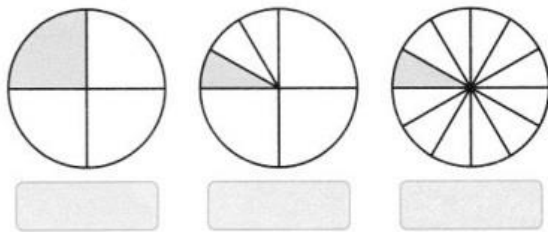
2. Select the odd one out



3. If 'x' denotes '-', '+' denotes '-', '-' denotes '+' and '-' denotes 'x' then what is the value of $136+4-5-68 \times 75$?

- (A) 165 (B) 146 (C) 173 (D) 163

4. Write the pictorial representation of shaded portion in the form of fraction.



LEARNING BY DOING!!!

- 1. Prepare a working model on any topic related to your syllabus. The best models will be kept in Maths Lab. Marks will be awarded for it and will be added in the SE1 in term 1.
- 2. Activity – (To be done in practical file -interleaf ones):
 - (i) To demonstrate multiplication of integers using number line.
 - (ii) To derive the rule of finding product of fractions using paper folding method.

SCIENCE

1. Do the revision of Ch -1, ch-2 and ch-4.
2. Prepare five multiple choice question from each chapter mentioned above other than given in the book.
3. Take a sheet of paper. Draw a spiral on it as shown in the figure, then cut out the paper along the line. Suspend the paper above a lighted candle with the help of a stick. Observe what happens.

Based on this activity answer the following questions:

- (a) Does the paper spiral show some kind of movement?
- (b) What is the cause of this movement?



- (c) What happens when the air gets heated up?
- (d) What is the process of transfer of heat in air called?
- (e) Do the particles of air stay at their place or do they change their position during the process of heat transfer?

4. Make a model of human digestive system using a cardboard or a thermocol.

5. International Yoga Day will be celebrated on 21 June across the world with great enthusiasm. Write an article about integral yoga and how it has been started and evolved by Sri Aurobindo in Puducherry.

6. Art Integration project

- Locate Uttarakhand and Puducherry on the map of India and give a general overview about both states.
- Write about the cultural similarities and differences between Uttarakhand and Puducherry
- Write a paragraph on their traditional dance forms
- Write about the textiles of both the states and paste pictures as well.
- Paste pictures of some famous temples to compare their spiritual legacy.

Note: Science holiday home-work to be done in project file.

SOCIAL-SCIENCE

COLLAGE MAKING:-

1) Collect information about various Kings and Temples of **Puducherry and Uttarakhand** and make a collage from them. (Art integration)

MAP POINTING:-

Locate and label the following kingdom of early Medieval period

- Rashtrakutas
- Cholas
- Palas
- Chahmanas
- Chalukyas
- Pallavas

REPORT MAKING:-

-To collect a picture and information on globalWarming and Prepare a report on scrapbook.

- On a scrapbook,write information and paste picture regarding programs by the government to ensure the equality in India E.g gender equality, Mid day meal, Sarwa Shiksha Abhiyan.

संस्कृत

- 1) लता शब्दरूप याद करें | उसके बाद विद्यार्थी अपने परिवार में जिस स्त्री के नाम के अंत में 'आ' आता है , उसके नाम का शब्दरूप बनाकर सुन्दरता से A-4 शीट पर लिखें | जैसे -रमा , राधा आदि |
- 2) दो मित्रों के बीच 'पर्यावरण' को लेकर 5-5 वाक्य संवाद के रूप में संस्कृत भाषा में लिखें |
- 3)प्रतिदिन संस्कृत का एक पाठ पढ़ें , जिससे उच्चारण में सुधार हो सके |
- 4)करवाया गया समस्त कार्य परीक्षा हेतु तैयार करें |

INFORMATION TECHNOLOGY (IT)

1. CONVERT DECIMAL TO BINARY :

- (A) 313 (B) 179 (C) 345 (D) 888

2. CONVERT BINARY TO DECIMAL :

A) 11100 B) 1011 (C) 11101 (D) 101001

3. Make A Collage On Types Of Virus And Examples Of Virus.

4. Create a PowerPoint presentation and write about how you spend your vacations containing watermark, date, time, header, footer and photograph.

5. Prepare Chapter - 1 & 2 for test

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