ARMY PUBLIC SCHOOL JAMMU CANTT
HOLIDAYS HOMEWORK FOR WINTER VACATIONS(2023-24)
CLASS-VIII

ENGLISH

1. You recently spent a week with your family in Gujarat. Make a diary entry of what you saw and experienced there.
2. Write the poem, 'When I set out for Lyonnesse' using AI tool 'Poem Portraits' and keep a record of your poem.
3. Mr. Kumar came to your house to invite your father to the Annual meeting of your society. Your father was not at home. Write a message for your father informing him about the meeting.
4. Last week you attended an adventure camp. Write an e-mail to your friend mentioning various activities of the camp.
5. Practice page No. 109 to 121 of your English grammar.
6. Read English newspaper daily and write two difficult words with their meaning.
7. Compose an adventurous and interesting story in which you are a hero in 250-300 words.
8. Read a book (any book) apart from your prescribed syllabus and write a book review of the book. You can include the following points:
(main ideas elucidated in the book, main characters,Characters you liked the most,favourite part of the book etc)
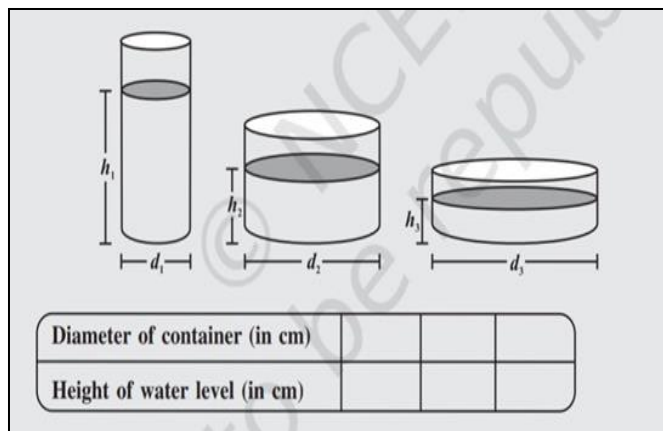
HINDI

1. प्रतिदिन समाचार पत्र पढ़ें और उसमें से कोई दो आकर्षक विज्ञापन काटकर चिपकाएं।
2. आगामी नववर्ष में अपने जीवन को सफल बनाने हेतु आपके द्वारा निश्चित किए गए पाँच संकल्प लिखें।
3. दिए गए शब्दों के अर्थ शब्दकोश से खोजकर व्याकरणिक परिचय सहित लिखें-
वर्णनातीत, धर्मभीरु, द्विज, पार्श्वगायक, दालान, निद्रित, प्रयाण, वसुधा, सरापा, सौरभ
(विशेष –सम्पूर्ण कार्य अलग फाइल में करें।)
रचनात्मक कार्य
4. एक बड़े चार्ट पर अनुक्रमांक अनुसार रंगोंसहित परियोजना तैयार करें ।
1-10   चित्र सहित एक लघुकथा शिक्षा सहित लिखें।
11-20 कारक व उसके भेद का प्रवाह चार्ट बनाएँ।
21-30 विद्यालय में अतिरिक्त कक्षाएँ आयोजित की जाएँगी, उससे संबंधित सूचना तैयार कीजिए।

31-40 स्वर संधि व उसके भेद का प्रवाह चार्ट बनाएँ।

5. पुस्तक वसंत से कोई एक कविता कंठस्थ कर उसे सुनाते हुए विडिओ बनाएँ।

6. पाठ 'साँप और बाज' पर एक पीपीटी तैयार करें।

MATHEMATICS

Q1. a). Take a few containers of different sizes with circular bases. Fill the same amount of water in each container.

b). Note the diameter of each container and the respective height at which the water level stands. Tabulate your observations. Is it a case of direct or inverse proportion?

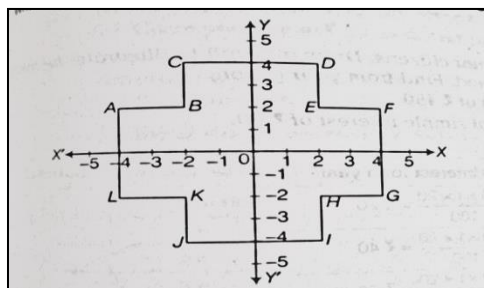| Diameter of container (in cm)			
Height of water level (in cm)			

Q2. To make puzzle maze involving application of direct and inverse variation.

Q3. To make a spinning wheel or any other working model to explain each laws of exponent with example.
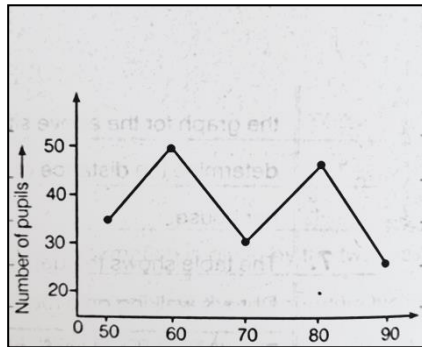
Q4. Make a wind chime using different 3D shapes and label the shapes.

Q5. Write the coordinates of the vertices of the following figure.

Q6. Plot the given points on a graph sheet and check,if the points lie on a straight line.If not, name the shape they form when joined in given order $(3 , 0)$, $(0 , 4)$,$(-3 , 0)$ and $(0 , -4)$.

Q7. The following graph shows the marks in mathematics scored by the pupils of class VIII.Study the graph and answer the questions that follow.

(a) How many pupils scored 50 marks?
(b) How many more pupils scored 60 than those scored 50?
(c) How many pupils scored the least marks?

Q8. Cut an empty match stick box and paste the net of cuboid thus obtained in notebook and label its 6 faces on it.

Q9. Make a beautiful mandala art using different shapes and patterns.
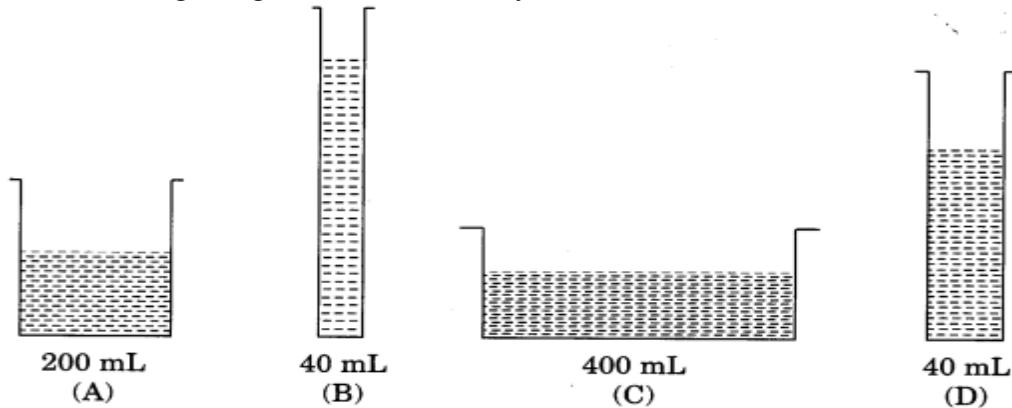
Q10.write about the work and inventions of any five famous Mathematicians (paste their picture also).

SCIENCE

1. John and Radha were classmates since childhood. When Radha became eleven years old, she developed a little swelling on her neck. She visited the doctor who started medication for her. After a few years, John also developed a slight protrusion on his throat. He got worried and went to the doctor. But, the doctor assured him that it was a normal feature in boys while they are growing up. Can you think of any reasons for the difference in diagnoses?
2. Salma had a very soft and smooth skin during her childhood. As she entered adolescence, she developed pimples on her face, her body became taller compared to her face. She got worried of all of the sudden changes. Her mother explained that all these changes are normal and advised her to wash her face at regular intervals.
   - Why Salma's mother advised Salma to wash her face at regular intervals?
   - What is the reason for appearance of pimples on her face?
   - Why Salma experienced disproportionate growth of the body?
   - What values do we get from this?
3. Find out from your elder relatives about their awareness of the legal status of early marriage. You yourself may get information on it from your teacher, parents or a doctor.

Write a two minute speech explaining why early marriage is not good for the couple.(Activity to be done in class)

4. An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.

5. Observe the figures given below carefully.

200 mL   40 mL   400 mL   40 mL
(A)   (B)   (C)   (D)

Volume of water in each vessel is shown above. Arrange them in order of decreasing pressure at the base of each vessel. Explain the reason.

6. On Lokesh's birthday Shreya was given charge to amuse children with some little tricks. Shreya sticked balloons to the wall by just rubbing them in her clothes. She bent the water stream from a tap without touching it. She did so by bringing big balloon near to the flowing water. All children were very happy on seeing this little magic. Everybody praised Shreya.
   - How do balloons stick to walls?
   - How Shreya bent the water stream by bringing a big balloon near it and without touching it?
   - What values of Shreya is shown here?

7. Ravi and Shyam while returning from school saw a labour pushing hard to move a heavy box. Ram immediately ran to him and started helping him in pushing the box whereas Shyam brought two iron bars and asked the labour to put them below the box and then to push the box.
   - What are the factors that affect friction?
   - Who will help the labour more-Ram or Shyam? How?
   - What values of Ram and Shyam are shown here?

8. Imagine friction suddenly vanishes.How would the life be affected? List ten such situations.

9. Make model of an electroscope.(Refer to page- 187 of science textbook Ch-15 Some natural phenomena)

10. Revise the syllabus of Term -2 done so far in the class.
NOTE: The HW is to be done in science notebooks.

SOCIAL SCIENCE

History
1. On a scrap book paste pictures of social reformers in the 19th century.
2. Write down significant work of social reformers.

3. On a map of India paste photograph of social reformer on the basis of their origin.

Geography

4. On a map booklet of world map locate the following: -
   ❖ Different rates of population growth (annual rates of natural increase with percentage) page no: 71
   ❖ Major Iron Ore producing Areas.
   ❖ World' s industrial regions.
   ❖ Make a working model on chapter: Industries.

Civics

5. Draw a preamble of constitution of India.
   ❖ Write down fundamental rights and duties.(Describe it and enhance with illustrations).
   ❖ Do this work on a practical file.
   ❖ Write on one case study on understanding criminal justice system on the same project work file.

SANSKRIT

1. आर्यभट्टः पाठस्य उपग्रस्य चित्रनिर्माणं कृत्वा दशवाक्यानि लिखत्–
2. युष्मद् शब्दरूपं लिखित्वा स्मर्णं करोतु।
3. अष्मद् शब्दरूपं लिखित्वा स्मर्णं करोतु।
4. लिख् धातुरूपस्य लट्, लृट्, लङ्, लोट, लकाराः लिखित्वा स्मर्णं करोतु।
5. अवकाशप्राप्ति हेतु पत्रं लिखित्वा स्मर्णं करोतु।

COMPUTER

1. Write step by step guide explaining the process creating a webpage using HTML5. (include Form, checkbox, radio)
2. Design a collage on "Future Aspects of AI".