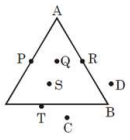
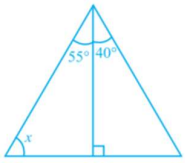
KV RRL, JORHAT

AUTUMN BREAK HOMEWORK

CLASS – VII (2023-24)

MATHS

	Do all the questions in your maths copy.	
1	**What are the points that lie on the given triangle?** 	
2	**Two sides of a triangle are 11 cm and 5.5 cm. What will be the minimum length of the third side?**	
3	**In Figure find the value of x.** 	
4	**Check whether the following measures (in cm) can be the sides of a right - angled triangle or not., 3.6, 3.9**	
5	**One on the exterior angles of a triangle is 70° and the interior opposite angles are in the ratio 3:4. Find the angles of the triangle.**	
6	**In ΔABC, 2A = 3B = 6C. Calculate A, B and C.**	
7	**A cloth shrinks 0.5% when washed. What fraction is this?**	
8	**What percentage is Rs 19.75 of Rs 25?**	
9	**Out of 40 students in a class, 32 opted to go for a picnic. What percent of students opted for picnic?**	
10	**Anita takes a loan of₹ 5,000 at 15% per year as rate of interest. Find the interest she has to pay at the end of one year.**	
11	**Narayan secured 45% marks in English, 60% in Mathematics and 69% in Hindi. If the maximum marks in these subjects are 60, 80 and 100 respectively, find his aggregate percentage.**	
12	**In an examination, there are three papers each of 100 marks. A candidate obtained 53 marks in the first and 75 marks in the second paper. How many marks must the candidate obtain in the third paper to get an overall of 70 per cent marks?**	
13	**Arrange in ascending order** $\frac{2}{5}, \frac{1}{3}, \frac{-3}{4}, \frac{1}{6}$	
14	**Insert 3 equivalent rational numbers between:** $\frac{-1}{2}$ **and** $\frac{1}{5}$**.**	
15	**Give three rational numbers equivalent to** $\frac{7}{11}$	
16	**Give three rational numbers equivalent to** $\frac{-3}{4}$	
17	**What should be subtracted from** $\left(\frac{3}{4} - \frac{2}{3}\right)$ **to get** $-\frac{1}{6}$**?**	
18	**Represent the rational numbers** $\frac{-1}{4}, \frac{-7}{12}$ **and** $\frac{-5}{6}$ **as points A, B and C on the number line.**	

SST

1. **What are the difficulties historians faced in using manuscript?**
2. **What major agriculture and social changes occurred between 700 and 1750 A.D.?**
3. **What is the contribution of the medieval period to the Indian history?**
4. **What were the qualifications necessary to become a member of a committee of the Sabha in the Chola Empire?**
5. **Under which dynasty did Delhi became the capital? When did it become an important commercial centre?**
6. **What are the two type of earth's forces?**
7. **Explain earthquake preparedness.**
8. **Discuss the structure of the atmosphere**
9. **What is health? Explain the factor that affect health.**
10. **GLISHExplain the main features of Public Health Services.**
11. **Discuss the Costa Rican approach about health.**
12. **Give an account of the Kerala experience about health care services.**

Map work:

1. **Locate the Gurjara-pratiharas, Rashtrakutas, Palas, Cholas and Chahamanas**

HINDI

प्र.1) रहीम के दोहे लिखकर उनकी व्याख्या कीजिये**?**

प्र.2) प्राचार्य को आर्थिक सहायता हेतु प्रार्थना पत्र लिखिए**?**

प्र.3) **"** विद्यार्थी और अनुशासन**"** विषय पर 120 से 150 शब्दों में निबंध लिखिए**?**

ENGLISH

1. Write short paragraphs on the following topics:

a. My favourite festival

b. My Grandparents

2. Write a letter to your friend describing how you celebrated Dussehra/Durga Puja.

3. Write a letter to your cousin, who lives in another city, inviting him/her to

celebrate Diwali at your place.

4.Create an album capturing moments how your parents have helped you on several occasions.

SCIENCE

Q.1. Draw a neat labelled diagram of human respiratory system

Q.2. Draw a neat labelled diagram of human digestive system.

Q.3. Show with the help of a sketch that plants are the ultimate source of food

Q.4. Fill in the blanks :

(a) The hotness of an object is determined by its _____.

(b) Temperature of boiling water cannot be measured by a _____ thermometer.

(c) Temperature is measured in degree _____.

(d) No medium is required for transfer of heat by the process of _____.

(e) A cold steel spoon is dipped in a cup of hot milk. Heat is transferred to its other end by the process of _____.

(f) Clothes of _____ colours absorb heat better than clothes of light colours.

Q.5. Three liquids are given to you. One is hydrochloric acid, another is sodium hydroxide, and the third is a sugar solution. How will you identify them? You have only turmeric indicator.