

Class: 9th

Subject: English

1. Revise: Prose- Packing

Poem: 1. No Men Are Foreign

2. To Blossoms

3. The Road Not Taken

Short story: The Adventures of Toto

2. Write a paragraph on "Life in Lockdown".

3. Write the central idea of the poems "To Blossoms" and "No Men Are Foreign"

4. Imagine you are Sapna, living in a school hostel. Write a letter to your mother about your life in the hostel.

5. Write an essay on the following topics:

i) Value of Discipline in life

ii) Evils of Dowry system

6. Activity: Find out the meaning of five difficult words from each chapter, the chapter mentioned above and make their flash cards.

Note: Use a separate notebook for holidays homework.

Mathematics

Choose correct answer(s) from the given choices

(1) If the angles are arranged in the ascending order of their measures, find the correct arrangement.

a. Acute, Right, Obtuse, Straight, Reflex

b. Acute, Right, Obtuse, Reflex, Straight

c. Acute, Obtuse, Right, Straight, Reflex

d. Reflex, Straight, Obtuse, Right,

Acute

(2) At what time an acute angle is formed between the hands of a clock?

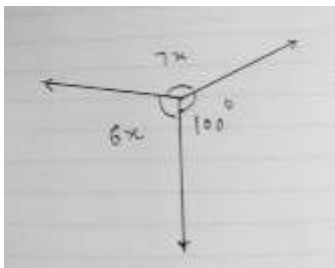
a. 12:00 a.m

b. 5:30 p.m

c. 3:40 p.m

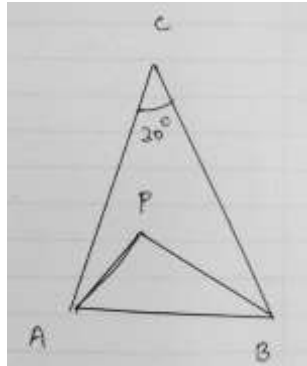
d. 2:30 a.m

(3)

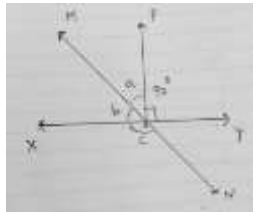


Find the measure of angle x.

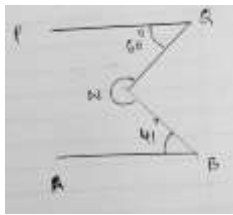
(4) In $\triangle ABC$, $\angle ACB = 30^\circ$ and $\angle CAB = 80^\circ$ and the interior angle bisectors of $\angle CAB$ and $\angle ABC$ intersect at P . Find the value of $\angle APB$.



(5) If lines XY and MN intersect as shown below and $a:b = 3:2$, angle $c =$ _____.



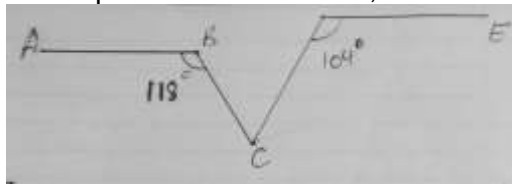
(6) If AB and PQ are parallel, the value of $\angle W$ is _____.



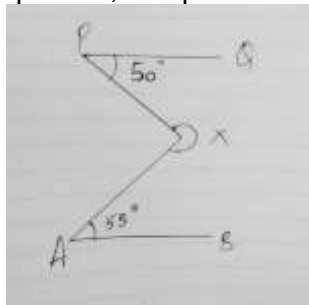
Answer the questions

(7) If an angle is 58° greater than its supplement, find the measure of the angle.

(8) If AB and DE are parallel to each other, find the measure of $\angle BCD$.



(9) If AB and PQ are parallel, compute the measure of $\angle X$.



(10) If the difference between the measure of an angle and its complement is 56° , find the measure of the angle.

(11) Represent $\sqrt{3}$ on a number line.

(12) Represent $\sqrt{8.6}$ on a number line.

(13) Represent $\sqrt{5}$ on a number line.

(14) Represent $0.\overline{7}$ in the form of $\frac{p}{q}$.

(15) Represent $0.8\overline{3}$ in the form of $\frac{p}{q}$.

(16) a) Find 5 rational numbers between 1 and 2.

b) Find 5 rational numbers between -3 and -2 .

c) Find 5 rational numbers between $\frac{1}{3}$ and $\frac{1}{4}$.

d) Find 5 rational numbers between $\frac{1}{5}$ and $\frac{1}{3}$.

e) Find 5 rational numbers between $\frac{2}{3}$ and $\frac{5}{3}$.

f) Find 5 rational numbers between $-\frac{3}{2}$ and $-\frac{1}{2}$.

(17) Expand:

a) $(2a - 3b)^2$

b) $(a^2 - b^2)^3$

c) $(2x + 3)(2x - 3)$

d) $(4x - 9)(4x - 7)$

e) $(2x + 3y - 5z)^2$

(18) Multiply:

a) $(2x + 3y + z)(3x^2 - 8xy + 7z^3)$

b) $(8m - 5n + 3)(10m^2 - 6n + 15)$

c) $(2x - 3y)(5x - 2y)$

d) $(a + 2b - 3c)(3a + 10b)$

e) $(4m + 5mn - 9n)(-7mn + 4n - 8n)$

f) $(7x - 8y + 2xy - 9xyz)(4xy - 6y + 3xyz)$

g) $(x - y - z)(2x^2 - 7xy + z^2)$

h) $(10a^2 - 5b^2 + 6x^2y^2)(a^2 - 2b^2)$

i) $(9ab^2 - 5bc^2)(-3ab^2 + 7bc^2 + 8)$

j) $(pq^2 + p^2 - q^2 - pq)(10pq + 6p^2 - q^2)$.

Biology

1. Read chapter: Fundamental Unit of life and

Chapter: Tissues, thoroughly and revise the syllabus done in the month of April and May.

2. Explain the following concepts (50 words to each)

a) Cell: prokaryotic and eukaryotic

b) Fluid Mosaic Model

c) Nucleus

d) Golgi apparatus

e) Mitochondria

f) Ribosomes

g) Plastids

h) Lysosomes

i) Plant cell and Animal cell

j) Cell theory

3. Prepare a model on any one of the above mentioned organelle. Example: Nucleus etc.

4. In the scrap book, draw well labeled diagrams of all the organelles.

5. Make a chart to show the various types of tissues in plants and animals.

Social Studies

1. Project file on "Disaster Management" along with photograph

2. Project on Agriculture and different types of agriculture practiced in India along with photographs.

Both the projects should be done on A4 size coloured sheet.

★ पाठ-5 (सारिवर्ग, सवद), पाठ-8 (ग्राग श्री) का पठन करें और इसके प्रसंग व्याख्या, प्रश्नोत्तर और लघु प्रश्नोत्तर अपनी कार्य पुस्तक पर करें।

★ इकाई प्रथम का सम्पूर्ण कार्य याद करें।

★ प्रतिदिन एक पृष्ठ सुलेख अपनी कार्य पुस्तक पर करें।

★ प्रतिदिन हिन्दी का समाचार पत्र या हिन्दी की किसी पुस्तक का पठन करें। (शब्दों के उच्चारण पर विशेष ध्यान दें)

हिन्दी-वी (निबन्ध)

1. शिक्षा में रवैलों का महत्व
2. महंगाई की समस्या
3. मेरे जीवन का लक्ष्य

4. दीपानली
5. दहेज प्रथा
6. राष्ट्रीय पर्व

पत्र/प्रार्थना पत्र: 1. समर्थ का महत्व बतते हुए अपने छोटे भाई को पत्र लिखें।

2. 'कुशंगति' से बचने के लिए अपने छोटे भाई को पत्र लिखें।

3. पुस्तकें भंगवाने के लिए पुस्तक विक्रेता को पत्र लिखें।

4. प्रमाण पत्र लेने के लिए अपनी गुरुयाध्यापिका जी को प्रार्थना-पत्र लिखें।

व्याकरण

1. 50 मुहावरों के अर्थ लिखकर वाक्य बनाइए।

2. 20 सन्धि, 20 सन्धि विच्छेद, 30 पर्यायवाची शब्द कीजिए।

(परियोजना कार्य)

★ प्रतिदिन मानक देवनागरी वर्णमाला के क्रमानुसार दस वर्ण के पांच-पांच शब्दार्थ लिखते हुए हिन्दी शब्दकोष तैयार कीजिए।

★ प्रेमचंद जी का चित्र चार्ट पर बनाइए और उनके जीवन के विषय पर विस्तारपूर्वक लिखें।

नोट

★ लेखन पर विशेष ध्यान दें।

★ त्रुटियाँ न करें।