

Practice Material

Class - VIII

Day & Date	Subject to be covered	Time Slot
Wednesday 05.08.2026	Maths, English Creative work	9:00-9:45 A.M 10:00-10:45 A.M 11:00-11:45 A.M
Thursday 06.08.2026	Science, Hindi and Creative work	9:00-9:45 A.M 10:00-10:45 A.M 11:00-11:45 A.M
Friday 07.08.2026	Social Science, Sanskrit and creative work	9:00-9:45 A.M 10:00-10:45 A.M 11:00-11:45 A.M
Monday 10.08.2026	Maths, Social Science and creative work	9:00-9:45 A.M 10:00-10:45 A.M 11:00-11:45 A.M
Wednesday 12.08.2026	Science, Hindi and creative work	9:00-9:45 A.M 10:00-10:45 A.M 11:00-11:45 A.M

ENGLISH
TASK-1

Read and revise the Ch- Father's Help

Do the following questions in your classwork notebook. (write only answers)

Q1.

A: Swami did not want to go to school because he had a headache.

R: Swami decided to fling the complaint letter written by his father into a gutter.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R is NOT the correct explanation of A.
3. A is true but R is false.
4. A is false but R is true.

Q2. Which quote describes the theme of the story "Father's Help?"

- The truth is not always beautiful.
- The man who speaks the truth is always at ease.
- The truth cannot be interpreted, it can only be experienced.
- The truth is lived, not taught.

Q3. How did Swami describe teacher Samuel?

Q4. Why did Swami think himself to be the worst perjurer on earth?

Q5. Imagine you are Swami, write a diary entry about your feelings while carrying the complaint letter against teacher Samuel.

Social Science - Class VIII

Task 1

- Q1. Define a) Lithosphere b) Humus
- Q2. Mention any three uses of land.
- Q3. Differentiate between the physical and human factors of utilisation of land.
- Q4. Explain the factors that affects the formation of the soil.
- Q5. Highlight any three causes of soil erosion.
- Q6. Explain hydrological cycle with the help of a diagram.
- Q7. What are Multipurpose river valley projects. Mention any two objectives and any two ways in which it proves to be a danger to the ecosystem.
- Q8. Discuss any five methods for the conservation of water.

Map skills:

On an outline world map mark the following:

- a) Areas of high rainfall
- b) Areas of low rainfall

Task 2

Q1. Read the chapter , " The First War of Independence - 1857" and answer the following questions:

1. Why is the revolt of 1857 called the 'First War of Independence'?
2. Who was proclaimed as the " Shahenshah - e - Hindustan"?
3. Explain Doctrine of Lapse and why did it create resentment among the Indian rulers ?
4. "Subsidiary Alliance reduced the powers of the rulers" - Explain.
5. Mention any two economic grievances of the peasants before 1857.
6. Examine the social and religious causes that led to the outbreak of 1857.
7. Why did the First War of Independence failed inspite of the participation of the different sections of Indian society? Explain.

D.A.V. CENTENARY PUBLIC SCHOOL

CHANDER NAGAR, GHAZIABAD

REVISION WORKSHEET

SUBJECT: MATHEMATICS

Note : Do the following questions in your maths register.

Q1) Check whether the triplet is Pythagorean or not (10,24,26)?

Q2) What is the distance of the point C (4,2) from y axis?

Q3) Write the coordinates of a point which lies on the x-axis?

Q4) Find the smallest number by which 1100 must be divided so that the product becomes a perfect square. Also find the square root of the perfect square so obtain

Q5) The total cost of 15 newspapers is Rs 37.50 Find the cost of 25 newspapers.

Q6) Factorise $x^2 + 2x - 24$

Q7) Expand $(x - 2y + 3z)^2$ using algebraic identity.

Q8) On the cartesian plane, plot the given points A(1,1), B(5,1) , C(5 ,5) and D(1,5) . Join the points in order

i) Name the figure do you obtain. ii) Write the coordinates of the point of intersection of diagonals

Q9) Find the least number which must be added to 6203 to obtain a perfect square also find the square root of the new number obtained

Q10) If $3x - 4y = 10$ and $xy = -1$ and find the value of $9x^2 + 16y^2$

Q11) a) Factorise: $(2a + 3b)^2 - 4c^2$ b) Factorise: $(64m^2 - 144mn + 81n^2) - 25p^2$

Q12) Uday can finish a book in 25days, if he reads 18 pages every day. How many days will he take to finish it, if he reads 15 pages every day

Q13) Find the smallest number by which 2560 must be multiplied so that product is a perfect cube. Find the cube root of the new number obtained.

Q14) A train 150m long s running at 72km/hr it crosses a bridge in 13 seconds, find the length of the bridge

Q15) Find the square root of 10 correct up-to two places of decimal

Q16) Following table gives the information about rainfall on 7 consecutive days in the month of July in a particular year. Draw a linear graph for the data given below

Days in July	1	2	3	4	5	6	7
Rainfall in cm	12	14	10	18	10	16	15

Case Based Question

Topic: Profit, Loss and Discount

Rahul wants to buy a new laptop and some accessories for his upcoming school project. He visits "TechZone," a local electronics store that is running a weekend clearance sale. He spots a laptop with a Marked Price (MP) of ₹50,000. The shopkeeper offers a discount of 10% on the laptop.



Based on the situation above, answer the following questions:

1. What is the selling price (SP) of the laptop after the discount?
2. How much discount did Rahul get on the laptop?
3. If the shopkeeper purchased the laptop for ₹30,000, what is his actual profit percentage on selling the laptop to Rahul?

OR

Additionally, Rahul wants to buy a gaming mouse. The shopkeeper sold the mouse for ₹2,000, at a profit of 25%. What was the original Cost Price (CP) of the gaming mouse for the shopkeeper?

SCIENCE

Instruction: Solve questions in your fair register.

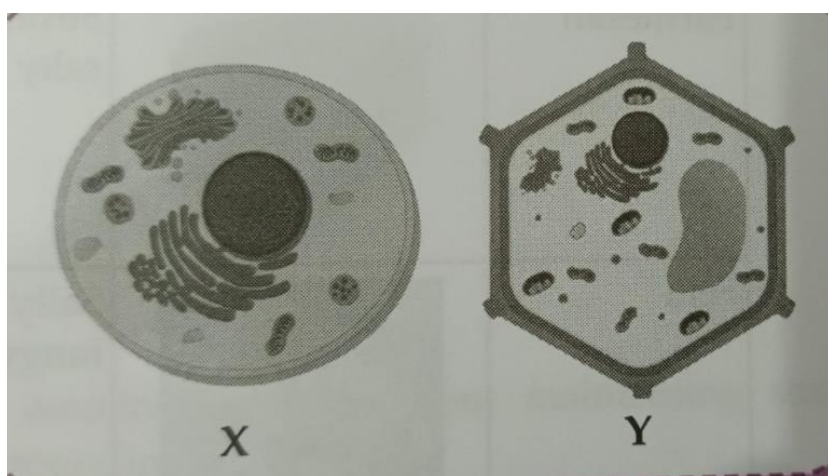
TASK 1:

Q1) Anjali left a slice of bread uncovered in a warm, moist corner of the kitchen. After two days, she noticed a fuzzy, green growth on it. Her brother, Rishi, said, "It's because microorganisms are everywhere!"

Answer the following based on this case:

- (a) What kind of microorganism is likely growing on the bread?
- (b) What conditions helped the microorganism grow?
- (c) What could Anjali do next time to avoid this?

Q2) Observe the given diagrams of two different cells and answer the following questions.



- (a) Which cell is likely to make its own food? Justify your answer.
- (b) What is the name of the extra outer layer present in cell Y, and why is it important for the cell?
- (c) What is the role of the large empty space found in cell Y?

Q3) In winters, Reema kept the room closed with an angeethi inside to keep the room warm. After a while, she felt shortness of breath and suffocation. State the reason behind the shortness of breath and suffocation? Name the type of combustion taking place.

Q4) Depending on temperature and pressure conditions and the time period for which fossils remain buried under the surface of earth, different varieties of coal have been formed.

- (i) Name the different varieties of coal.
- (ii) Identify the following types of coal and give their uses:
 - a) Coal with 38% carbon content
 - b) Coal with about 65% carbon content
- (iii) Define the process that helps to obtain products like coke and coal gas from coal.

TASK 2:

Case-Study Questions

Q1. Read the paragraph carefully and answer the following questions:

Four porters, use cloth pieces of different area on their heads to carry an equal mass of 5 kg. The details for the same is given below-

S. No.	Name of Porter	Thrust exerted on head	Area of cloth on head
1	Kulbhushan	50N	10 m ²
2	Ramesh	50N	20 m ²
3	Durgesh	50N	5 m ²
4	Suresh	50N	25 m ²

Analyze the given data and answer the following questions.

- (a) Durgesh is feeling maximum pressure on his head. Give reason.
- (b) Name the porter who will feel minimum pressure on his head.
- (c) Mention the relationship between pressure, thrust and area.
- (d) Why are school bags provided with broad straps?
- (e) State any one property of liquid pressure.

Q2. The following table shows the ignition temperatures of different substances.

Substance	Ignition Temperature (Degree Celsius)
Petrol	247
Coal	456
Diesel	210
Kerosene	220
White Phosphorus	35

Observe the given data carefully and answer the questions given below:

- (a) Arrange the substances in order of their difficulty to ignite.
- (b) Identify the substance mentioned above that can undergo spontaneous combustion during summer at room temperature.
- (c) Define the kindling temperature of a substance.
- (d) Paper cup containing water does not catch fire immediately when kept over flame whereas an empty cup catches fire immediately. Why?
- (e) Write any one harmful effect of using wood and coal as fuel.

Q3. Rohit was unwell with a high fever and severe throat pain. His parents took him to the doctor, who diagnosed him with a bacterial infection. The doctor prescribed antibiotics, and within a few days, Rohit started feeling much better. The doctor cautioned Rohit to complete the full course of antibiotics, even if he felt better.

(a) Define antibiotics.

(b) It is important for Rohit to complete the full course of antibiotics prescribed by the doctor. Why?

(c) Besides curing diseases, write any other importance of microorganisms to humans. (any one importance)

(d) Name the microorganism from which an antibiotic penicillin is obtained.

(e) Mention any two diseases for which antibiotics are given.

कक्षा - अष्टमी

विषय - संस्कृत

दिवस -1.

पाठ - 2.

क. वसुधैव कुटुंबकम् के प्रश्न संख्या 3, 4 एवं 6 के प्रश्नोत्तरों को अपनी उत्तर पुस्तिका में लिखकर, 'क्त्वा' तथा 'ल्यप्' प्रत्यय प्रयोग के 10 वाक्य को लिखें।

दिवस-2.

क. पृष्ठ संख्या 41 पर दिए गए कारक और विभक्ति के सभी वाक्य को उत्तर पुस्तिका में लिखें, तत्पश्चात् अस्मद् एवं युष्मद् के शब्दरूपों को नोटबुक में लिखकर याद करें।

कक्षा 8

पाठ- 7 अन्याय के खिलाफ लड़ाई पाठ को पढ़कर प्रश्न उत्तर, जीवन मूल्य प्रश्न उत्तर पुस्तिका में लिखिए।

पत्र लेखन - क)आपके मित्र के बड़े भाई का चयन भारतीय क्रिकेट टीम में हो गया है। इस सफलता के लिए अपने मित्र को बधाई पत्र लिखिए ।

अनुच्छेद लेखन - स्वच्छता स्वस्थ रहने का मंत्र

- * स्वच्छता का महत्व
- * सरकार द्वारा चलाया गया अभियान
- * परिवेश को स्वच्छ रखने के उपाय