

SUMMER BREAK HOLIDAY HOMEWORK

Class IX (Session: 2025-26)

English

Creative Writing (4marks)

1. Develop Two Stories: Craft two engaging stories with a moral lesson, each accompanied by a relevant picture. Ensure that the stories are well-structured, and the morals are clearly conveyed.

2. Story Requirements:

- Each story should be 150-200 words long.
- Include a title, introduction, body, and conclusion.
- Use descriptive language and imaginative plot twists.

Poetry (3 marks)

1. Compose a Poem: Write a poem consisting of 12 lines, exploring a theme that resonates with you. Use literary devices such as metaphors, similes, and alliteration to enhance the poem's impact.

2. Poem Requirements:

- Choose a theme that inspires you, such as nature, friendship, or perseverance.
- Use a consistent rhyme scheme or free verse, depending on your preference.
- Ensure that the poem is well-structured and easy to understand.

Presentation (3 marks)

1. PPT on "A Truly Beautiful Mind": Create a PowerPoint presentation that explores the life and legacy of Albert Einstein. Include relevant images, quotes, and facts to make the presentation engaging.

2. PPT Requirements:

- Include at least 5 slides, covering Einstein's early life, theory of relativity, humanitarian work, and legacy.
- Use images, quotes, and facts to support your points.
- Ensure that the presentation is well-organized and easy to follow.

Revision and Assignment (20 marks)

1. Revise Syllabus: Thoroughly review the syllabus covered till date, focusing on key concepts and notes.

2. Solve Assignment: Carefully complete the given assignment, ensuring accuracy and attention.

Hindi

1) - चित्र कथा (कॉमिक स्ट्रिप)

एक सामाजिक संदेश (जैसे – स्वच्छता, जल संरक्षण, ईमानदारी) पर आधारित 6-8 फ्रेम की चित्रकथा बनाइए। चित्र खुद बनाएँ या कोलाज के रूप में तैयार करें। ----- (यह कार्य Coloured sheets पर पूरा करें)

2) - यात्रा विवरण तथा फोटो कहानी (Photo Story) :-

*अपनी गर्मी की छुट्टियों की किसी यात्रा/घूमने की जगह का वर्णनात्मक विवरण दीजिए – स्थान, अनुभव, दृश्य आदि।

*छुट्टियों के दौरान ली गई 5-6 तस्वीरों को एक पंक्ति में चिपकाएँ और हर तस्वीर के नीचे 8-10 लाइन की कहानी जोड़ें।----- (यह कार्य A3 Size sheet पर पूरा करें)

3)- विरोधाभासी रचना

“अंधेरे में उजाला”, “चुप्पी की आवाज़”, “मूक चीख” जैसे विरोधाभासी विषयों में से किसी एक विषय पर लघु - कथा लिखिए । ----(यह कार्य उत्तरपुस्तिका में ही करें)

मूल्यांकन :-

कुल अंक - 15 अंक (5 अंक प्रति कार्य)

2 अंक - विषयवस्तु ; 2 अंक – प्रस्तुतिकरण ; 1 अंक - भाषा शैली

Social Science

Political Science

Why Democracy and what is democracy?

STUDY CARTOONS CAREFULLY AND WRITE ANSWERS OF FOLLOWING QUESTIONS:

1.



1.1 What do you think this cartoon is saying?

1.2 Why is 'democracy' written the way it is?

2.2 Do you think this cartoon could apply to China or Mexico?

2.3 What does the crown of leaves on democracy signify?



3.1 Do you think it applies to the Pakistani situation well?

3.2 Think of other countries where this could apply?

3.3 Does this happen sometimes in our country as well?



4.1 What do money bags signify here?

History

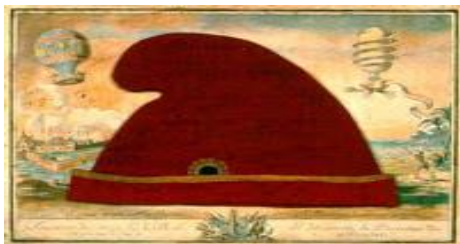
French Revolution

1. Multiple Choice Questions:

i) Look at the political symbol of France and write its meaning:



ii) Look at the political symbol of France and write its meaning:



B. Match the following:

Column A

Column B

- | | |
|---------------------------|---|
| i) Clergy | a) The society and institutions of France before 1789 |
| ii) Old Regime | b) Two treaties of government |
| iii) John Locke | c) Members of first estate |
| iv) Jean Jacques Rousseau | d) The Spirit of the Laws |
| v) Montesquieu | e) The Social Contract |

2. **In the questions given below, there are two statements marked as Assertion (A) and Reason (R).**

Read the statement and choose the correct option:

Options:

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is correct but R is wrong.
- d) A is wrong but R is correct.

- i) Assertion (A): In 1789, in the wake of early morning, people started gathering and they started breaking a number of government buildings in search of arms.
Reason (R): Rumours spread that the King would open fire upon the citizens.
- ii) Assertion (A): When Louis XVI, in 1774, ascended the throne of France, he found the treasury empty.
Reason (R): France helped the thirteen American colonies to gain their independence from Britain.
- iii) Assertion (A): The clergy and the nobility were exempted from paying taxes and enjoyed feudal privileges.
Reason (R): All members of the third estate had to pay taxes to the state.
- iv) Assertion (A): Group of the third estate, termed the middle class, had become prosperous and had access to education and new ideas.
Reason (R): They earned their wealth through expanding overseas trade and by manufacturing woolen and silk textiles that were earlier exported or bought by the richer members of society.

3. **Read the extract and answer the questions that follow:**

Olympe de Gouges was one of the most important of the politically active women in revolutionary France. She protested against the Constitution and the Declaration of the Rights of Man and Citizen as they excluded women from basic rights that each human being was entitled to. So, in 1791, she wrote a Declaration of the Rights of Woman and Citizen, which she addressed to the Queen and to the members of National Assembly, demanding that they act upon it. In 1793, Olympe de Gouges criticized the Jacobin government for forcibly closing down women's clubs. She was tried by the National Convention, which charged her with treason. Soon after this she was executed.

- 3.1 What was the nationality of Olympe de Gouges?
- 3.2 On what charges Olympe de Gouges was executed?
- 3.3 To whom the 'Declaration of the Rights of Woman and Citizen' was addressed?
- 3.4 Olympe de Gouges was critic of _____ government in France?

4. **Short answer type questions:**

- i. Explain the role of middle class in French Revolution.
- ii. Why did the peasants revolt in France?
- iii. What was the immediate cause of French Revolution?
- iv. Why is the rule of Robespierre called as Reign of Terror?

Economics

The Story of village palampur

Q.1. Which of the following is grown in the rainy season?

- (a) Jowar and bajra
- (b) Wheat
- (c) Soyabean
- (d) Rice

Q.2. Which of the following is a standard unit of measurement of land?

- (a) Bigha
- (b) Hectare
- (c) Acre
- (d) Guintha

Q.3. HYV seeds stands for:

- (a) Heavy yielding variety seeds
- (b) High yielding variety seeds

(c) Half yielding variety seeds

(d) None of the above

Q.4. Multiple cropping means growing:

(a) only two crops

(b) only three crops

(c) upto four crops

(d) more than one crop

Q.5. Modern farming methods were tried in India for the first time in:

(a) Punjab

(b) Western U.P.

(c) Haryana

(d) All the above

Q.6. Which of the following is a modern farming method?

(a) Multiple cropping

(b) Use of HYV seeds

(c) Use of chemical fertilisers

(d) Both (b) and (c)

Q.7. Money in hand is an example of :

(a) Human capital

(b) Fixed capital

(c) Working capital

(d) Physical capital

Q.8. Money in hand is an example of :

(a) Human capital

(b) Fixed capital

(c) Working capital

(d) Physical capital

Q9. Assertion: The use of modern farming methods has increased the productivity of crops in Palampur.

Reason: The farmers in Palampur have adopted multiple cropping to increase productivity.

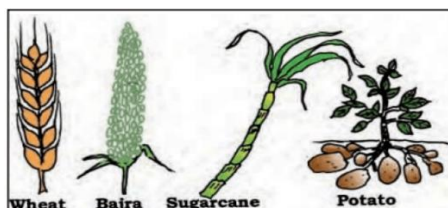
(A) Both (A) and (R) are true and (R) is the correct explanation of (A).

(B) Both (A) and (R) are true but (R) is not the correct explanation of (A).

(C) (A) is correct but (R) is wrong.

(D) (A) is wrong but (R) is correct

Q11. Some type of crops are shown below. Mention what type of crop they are: Rabi Crop OR Kharif Crop:



Wheat: _____

Bajra: _____

Sugarcane: _____

Potato: _____

Q12. Explain the problems which arise due to unequal distribution of land.

Q13. Describe the role of human capital in the production process. Name two investment that can improve the quality of human capital.

Q14. Distinguish between Fixed, Working and Human Capital.

Fixed Capital	Working Capital	Human Capital

Geography

India size and location

❖ On Indian political map: **(Paste in Notebook)**

1. Mountain ranges
2. Longitudinal and latitudinal values
3. Neighboring countries

❖ Calculate the time of any four countries with help of longitudinal values - two countries from western hemisphere and eastern hemisphere

Mathematics

A. Solve the questions using the link given below:

Ch-1: <https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/mathematics/ieep201.pdf>

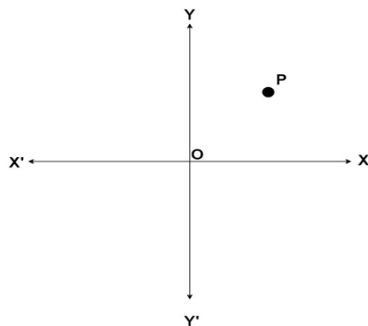
Ch-2: <https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/mathematics/ieep202.pdf>

B. Solve MCQ

MCQ

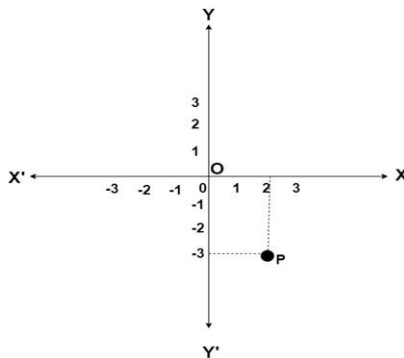
- Which of the following is Natural number?
a) 3.5
b) 7
c) 0
d) -2
- Integer numbers set is denoted by which letter?
a) N
b) W
c) Q
d) Z
- Find the incorrect option (Assume conventional notations).
a) $Q = p/q$ where p and q are integers and $q \neq 0$
b) $N = \{1, 2, 3, \dots\}$
c) $W = \{0, 1, 2, 3, \dots\}$
d) $Z = \{\dots -2, -1, 0, 1, 2, \dots\}$
- Zero is a rational number. : a) False
b) True
- There are _____ rational numbers between 2 and 3.
a) zero
b) two
c) infinite
d) data is insufficient
- Which of the following option is true based on the below statements?
i) All integers are rational numbers.
ii) All rational numbers are integers.
a) Both statements are true
b) Statement (i) is true and Statement (ii) is false
c) Statement (i) is false and Statement (ii) is true
d) Both statements are false
- Which of the following is not rational number?
a) $8/9$
b) $5/7$
c) $-3/2$
d) $\sqrt{2}$
- How many whole numbers are there between -3 and 3 (Including -3 and 3)?
a) Four
b) Zero
c) Seven
d) Three
- N is subset of W, Z and Q. (Assume conventional notations)
a) True
b) False
- Rational numbers are denoted by _____.
a) N
b) Z
c) Q
d) W
- What is the coefficient of x^3 in a polynomial $6x^4 + 3x^2 + 8x + 5$?
a) 6
b) 3
c) 8
d) 0
- $1x^{\sqrt{2}}$ is a polynomial.
a) True
b) False
- What is the degree of a polynomial of $4x^7 + 9x^5 + 5x^2 + 11$?
a) 7
b) 4
c) 5
d) 2

14. What is the degree of a polynomial 7?
 a) 7
 b) 1
 c) 0
 d) 2
15. What is the degree of 0?
 a) Not defined
 b) 1
 c) 2
 d) 0
16. A quadratic polynomial can have at most _____ terms.
 a) 1
 b) 4
 c) 2
 d) 3
17. Point where XX' and YY' intersect, is called _____.
 a) abscissa
 b) ordinate
 c) origin
 d) coordinate
18. How many parts does the axes divide the plane into?
 a) One
 b) Two
 c) Three
 d) Four
19. In the below diagram, distance of point P perpendicular to Y axis is measured along _____ axis.
 C.



- a) positive x
 b) positive Y
 c) negative x
 d) negative y
20. Which of the following are positive directions?
 a) OX' and OY'
 b) OX and OY'
 c) OX' and OY
 d) OX and OY
21. If a point is in 2nd quadrant, then it is in _____ form.
 a) (+, +)
 b) (+, -)
 c) (-, +)
 d) (-, -)
22. From the given diagram, coordinates of point P are _____

D.



- a) (2, -3)
 b) (-2, 3)
 c) (2, 3)
 d) (3, 2)

23. Point (6, 9) and (9, 6) are same.

a) True

b) False

24. Why is coordinate geometry used?

a) To find square root of a number

b) To locate a point in a plane precisely

c) To create different shapes

d) To multiply numbers

Criteria: Presentation (1marks); Completion the work (2marks); Timely Submission (2marks)

Science

Physics

1. Do a family trip and record the initial and final readings of the odometer of your vehicle. Calculate the average speed for the trip.

2. Record the maximum reading of the speedometer of the vehicle. Did it exceed the maximum speed limit recommended by the transport authority? Be honest in your response.

3. Take any five readings of the speedometer during the trip and plot v-t curve according to a scale of your choice. Draw conclusions about the motion from the graph obtained.

4. One day Rahul decided to go his office by his car. He is enjoying the driving along with listening the old songs. His car is moving along a straight road at a steady speed. On a particular moment, he notices that the car travels 150 m in 5 seconds.



(i) What is its average speed ?

(a) 20 m/s

(b) 30 m/s

(c) 10 m/s

(d) 40 m/s

(ii) How far does it travel in 1 second ?

(a) 20 m

(b) 30 m

(c) 10 m

(d) 40 m

(iii) How far does it travel in 6 seconds ?

(a) 120 m

(b) 130 m

(c) 180 m

(d) 140 m

(iv) How long does it take to travel 240 m ?

(a) 2s

(b) 4s

(c) 6s

(d) 8s

(v) Which of the following statement is correct regarding velocity and speed of a moving body?

(a) velocity of a moving body is always higher than its speed

(b) speed of a moving body is always higher than its velocity

(c) speed of a moving body is its velocity in a given direction

(d) velocity of a moving body is its speed in a given direction

5. Aditya started driving his car. He increases the speed till 4 seconds

6. and then he kept his card in constant speed for 6 seconds. Then

7. after he decreased the speed of the car upto another 6 seconds.

8. After reaching at the starting place, he draws the speed-time

9. graph of his 16 seconds driving as shown below:

(i) What type of motion is represented by OA ?

(a) uniform velocity

(b) uniform acceleration

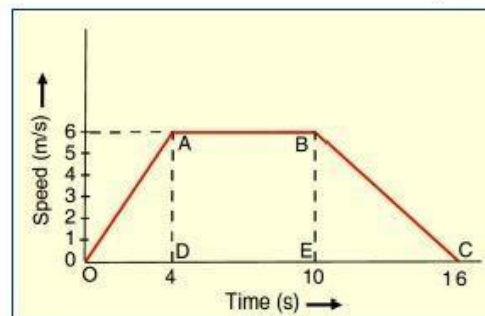
(c) negative acceleration

(d) no acceleration

(ii) What type of motion is represented by BC ?

(a) uniform velocity

(b) uniform acceleration



(c) negative acceleration

(d) no acceleration

(iii) Find out the acceleration of the body.

(a) 1.5 m/s^2

(b) 2 m/s^2

(c) 3 m/s^2

(d) 1 m/s^2

(iv) Calculate the retardation of the body.

(a) 1.5 m/s

(b) 2 m/s^2

(c) 3 m/s^2

(d) 1 m/s^2

(v) Find out the distance travelled by the body from A to B.

(a) 15 m

(b) 30 m

(c) 36 m

(d) 60 m

10. Practice all NCERT questions of the chapter motion.

CHEMISTRY

Q1. Consider a 3D model showing the arrangement of particles in the three states of matter made by beads, thermocol balls, pulses, or any other safe material.

Label each state clearly and mount them neatly on a cardboard or a tray. On the basis of your model Answer the following Questions:

1. If the same number of particles are used in all three models, what difference do you observe in the space between particles? Why?
2. Imagine your particles can talk. Write a short dialogue (5 lines) between a solid particle and a gas particle about how free they feel!
3. How does the arrangement in your model relate to the ability of solids, liquids, and gases to flow or retain shape?
4. Suppose you are designing furniture using only one state of matter — explain your choice with reference to your model.
5. If you had to design a new state of matter between liquid and gas, how would you arrange the particles in your model?

OR

Q2. Design an infographic/poster that includes:

The definition of evaporation

Factors affecting evaporation* (Surface area, temperature, wind speed, humidity)

Everyday applications* (Drying clothes, cooling by sweating, earthen pots, etc.) Use creative visuals, captions, and colors to make it informative and eye-catching. Answer the following Questions:

1. Suppose evaporation was visible like steam – how would that change the way we view the world around us?
2. Create a superhero named “EvapoMan.” What powers would he have based on the science of evaporation?
3. If evaporation slowed down drastically one day, list 3 real-life problems people might face.
4. Imagine you are water in a wet cloth on a windy day. Describe your evaporation journey in a short diary entry.
5. Based on your poster, which two factors do you think are most important in your region and why?

Biology

Fundamental Unit of Life

Q1. Choose any one of a Cell (Plant or Animal)

Make a diagram of the cell of your choice

Clearly label the organelles such as the nucleus, mitochondria, cell membrane, vacuole, cytoplasm, etc.

Which cell did you choose (plant/animal)? List two differences your model shows between the two types. If the nucleus were the “brain” of the cell, what organelles would act like:

The kitchen

- The security guard
- The packaging unit (Give reasons based on function.)

1. Imagine you’re a mitochondrion—write a short monologue (5-6 lines) about how hard you work

and how other organelles depend on you.

2. What would happen if one of the organelles (e.g., the nucleus or mitochondria) stopped working? Describe the chain reaction inside the cell.
3. Choose a real-world analogy (e.g., a school, a factory, a city) and compare each organelle in your model to a part of that analogy. Be creative!

OR

Q2. Design a Visual Infographic or Comic Strip

Create an infographic, or comic strip on:

“A Day in the Life of a Cell”

Include the following:

- The journey of a protein being made in the cell
- Roles of the nucleus, ribosomes, endoplasmic reticulum, Golgi apparatus, and cell membrane
- Use simple drawings, captions, arrows, and characters (you can personify organelles!)

- Title and label everything

clearly Then, answer these:

If you were a protein, which part of the cell would feel like home and why?

1. Suppose your cell got infected with a virus—what would each organelle try to do?
2. Create a fictional cell superhero. What organelle would they represent and what would their powers be?
3. How do you think the cell membrane is like a “bouncer” at a party? Explain with humor or a mini dialogue!
4. If you could design a new organelle to improve the cell’s efficiency, what would it do?

Bonus Challenge (Optional):

Build a Cell Analogy Game

Make flashcards where each organelle is described like a part of a factory, zoo, city, or any system (e.g., “Golgi body = Post Office”). Play with friends or family!

Instructions for Submission

- Be as creative and neat as possible
- You may use recycled or waste material creatively
- Submit both the infographic comic strip and written answers in a folder
- Date for submission: 01/07/2025.
