



SD DAV PUBLIC SCHOOL, JAMTARA

Summer Vacation Assignment (2026-27)

Class: - IX

SUBJECT: ENGLISH

Reading Section

1. Read the autobiography of the following authors and write 10 important things from their life.
A. Sudha Murthy
B. Subramania Bharti
2. Read editorial of English Newspaper on daily basis and write the synonyms of new words for 10 days.
3. Do the exercises of five Unseen Passages.

Example:

.1. Read the below given English unseen passage.

The choices we make on a daily basis—wearing a seatbelt, lifting heavy objects correctly or purposely staying out of any dangerous situation—can either ensure our safety or bring about potentially harmful circumstances.

You and I need to make a decision that we are going to get our lives in order. Exercising self-control, self-discipline and establishing boundaries and borders in our lives are some of the most important things we can do. A life without discipline is one that's filled with carelessness.

We can think it's kind of exciting to live life on the edge. We like the image of "Yeah! That's me! Living on the edge! Woo-hoo!" It's become a popular way to look at life. But if you see, even highways have lines, which provide margins for our safety while we're driving. If we go over one side, we'll go into the ditch. If we cross over the line in the middle, we could get killed. And we like those lines because they help to keep us safe. Sometimes we don't even realize how lines help to keep us safe.

I'm not proud of this, but for the first 20 years of my life at work, I ignored my limits. I felt horrible, physically, most of the time. I used to tell myself, "I know I have limits and that I've reached them, but I'm going to ignore them and see if or how long I can get by with it." I ran to doctors, trying to make myself feel better through pills, vitamins, natural stuff and anything I could get my hands on. Some of the doctors would tell me, "It's just stress." That just made me mad. I thought stress meant you don't like what you do or can't handle life, and I love what I do. But I kept pushing myself, travelling, doing speaking engagements and so on— simply exhausting myself.

Finally, I understood I was living an unsustainable life and needed to make some changes in my outlook and lifestyle.

You and I don't have to be like everyone else or keep up with anyone else. Each of us needs to be exactly the way we are, and we don't have to apologize for it. We're not all alike, and we need to find a comfort zone in which we can enjoy our lives instead of making ourselves sick with an overload of stress and pressure.

On the basis of understanding the passage, answer ANY TEN questions from the twelve that follow. (1×10=10)

Q1) Which of the characteristics are apt about the writer in the following context: "I know I have limits and that I've reached them, but I'm going to ignore them and see if or how long I can get by with it." ?

- | | | | | | |
|--------------|---------------|----------------|-------------|----------------|------------|
| 1. negligent | 2. Indecisive | 3. Spontaneous | 4. Reckless | 5. Purposeless | 6. patient |
| a) 2 and 5 | b) 3 and 6 | c) 1 and 4 | d) 2 and 3 | | |

Q2) The reason why living on the edge has become popular is because of the

- | | |
|---|---|
| a) constant need for something different. | b) population being much younger. |
| c) exhausting effort to make changes. | d) strong tendency to stay within our limits. |

Q3) The phrase "potentially harmful circumstances" refers to circumstances that can

- (a) certainly be dangerous. (b) be fairly dangerous.
(c) be possibly dangerous. (d) seldom be dangerous.

Q4). Choose the option that correctly states the two meanings of 'outlook', as used in the passage.

1. A person's evaluation of life 2. A person's experiences in life
3. A person's point of view towards life 4. A person's regrets in life
5. A person's general attitude to life

- a) (1) and (4) b) (2) and (3) c) (3) and (5) d) (4) and (5)

Q5) Choose the option that best captures the central idea of the passage from the given quotes.

1. It's all about quality of life and finding a happy balance between work and friends.
2. To go beyond is as wrong as to fall short.
3. Life is like riding a bicycle. To keep your balance, you must keep moving.
4. Balance is not something you find. It's something you create.

- a) Option (1) b) Option (2) c) Option (3) d) Option (4)

Q6) The author explains the importance of discipline and boundaries in our lives using the example of

- a) road accidents. b) traffic rules. c) lines on the highway. d) safe driving.

Q7) The author attempts to _____ the readers through this write-up.

- a) rebuke b) question c) offer aid to d) offer advice to

Q7) The author attempts to _____ the readers through this write-up.

- a) rebuke b) question c) offer aid to d) offer advice to

Q8) What is the message conveyed in the last paragraph of the passage?

- a) Love what you do. b) Love yourself to love others.
c) Be the best version of yourself. d) Be yourself

Q9) Which of the following will be the most appropriate title for the passage?

- a) Much too soon b) Enough is enough c) How much is too much? d) Have enough to do?

Q10) The author uses colloquial words such as "yeah" and "Woo-hoo!". Which of the following is NOT a colloquial word?

- a) hooked b) guy c) stuff d) stress

Q11) Select the option that makes the correct use of "unsustainable", as used in the passage, to fill in the blank space.

- a) In the long run, the _____ officials followed emergency procedures.
b) Emergency procedures were _____ by the officials.
c) Officials reported an _____ set of events during the emergency.
d) Officials admit that the emergency system is _____ in the longer run.

Q12) What does the author mean when he says, "to get our lives in order"?

- a) To resume our lives. b) To organize our lives.
c) To rebuild our lives. d) To control our lives.

Writing Section(Do any one of them)

1. Write a letter to the editor of a local newspaper regarding the increasing air pollution in your city and suggest measures to combat it.
2. As a resident of your locality, write a letter to the Municipal Commissioner highlighting the problem of improper waste disposal and garbage dumping.
3. Write a letter to the Principal requesting additional library facilities or permission to organize a cultural fest.

English Grammar

Something to learn

Reported Speech Exercises

Reported Speech = Indirect Speech. You report what someone said without using their exact words.

Rule: Tense changes, pronouns change, time/place words change.---

Quick Revision: Key Changes

Direct Speech Reported Speech

Present → Past *am/is → was*, *do → did*, *will → would*

now → *then* *today → that day*

here → *there* *tomorrow → the next day*

this/these → *that/those* *yesterday → the previous day*

can → *could* *may* → *might*

No tense change if: Reporting verb is present _She says..._ OR universal truth _He said Earth is round._---

Level 1: Statements

Convert to Reported Speech:

1. Ram said, "I am studying for UPSC."
2. She said, "We visited Bhagalpur yesterday."
3. "I will call you tomorrow," said my mother.
4. The teacher said, "The Ganga flows through Bihar."
5. He said, "I can solve this question."

*** Answers:***

1. Ram said that he was studying for UPSC.
2. She said that they had visited Bhagalpur the previous day.
3. My mother said that she would call me the next day.
4. The teacher said that the Ganga flows through Bihar. → _No change: universal truth_
5. He said that he could solve that question.---

Level 2: Questions

Rule: Use _asked/enquired_, _if/whether_ for yes-no, _wh-word_ stays. No question mark.

6. "Are you from Bihar?" she asked me.
7. "Where do you live?" he asked.
8. Riya asked, "Can you help me?"
9. "Why did you leave the job?" the manager asked.
10. "Have you submitted the form?" the clerk asked.

*** Answers:***

6. She asked me if/whether I was from Bihar.
7. He asked where I lived.
8. Riya asked if I could help her.
9. The manager asked why I had left the job.
10. The clerk asked if I had submitted the form.---

Level 3: Commands, Requests, Exclamations

Rule: Use _told/ordered/requested/advised + to + V1_. _Exclamations_ → _exclaimed with joy/sorrow_.

11. "Close the door," the teacher said.
12. "Please give me your notes," he said to me.
13. "Don't waste water," father said.

14. "Wow! What a beautiful place!" she said.
15. The doctor said, "Take medicines on time."

*** Answers: ***

11. The teacher ordered/told us to close the door.
12. He requested me to give him my notes.
13. Father advised/told me not to waste water.
14. She exclaimed with joy that it was a very beautiful place.
15. The doctor advised to take medicines on time.---

Level 4: Mixed + Tricky _UPSC/Bank level_

16. "I met your brother here last week," he said to me.
17. She says, "I am happy today."
18. "Let's go to Vikramshila," he suggested.
19. "Would you like some tea?" she asked.
20. "I wish I were a bird," he said.---

Correct the reported speech:

21. He said that he has completed the work yesterday.
22. She asked me where am I going.
23. The teacher told to sit down.
24. He told that he will come tomorrow.
25. She said that she can't attend the class today.---

Convert Back to Direct Speech*

26. He said that he had been to Delhi twice.
27. She asked if I wanted coffee.
28. The judge ordered the man to leave the court.

Short Answer Questions (30-40 words) Do any two

1. Why did the grandmother depend on her granddaughter to know the story of 'Kashi Yatre'?
2. "Childishly I made fun of the old lady. But she just smiled." Why did the narrator make fun of her?
3. Why did the grandmother feel "dependent and helpless"?
4. What was the "homework" the grandmother referred to, and why was she keen on doing it?
5. What was the importance of the Kannada alphabet for the grandmother?

Long Answer Questions (100-150 words)" Do any one

1. Krishtakka was illiterate but a very intelligent learner." Justify this statement with examples from the text.
2. Describe the turning point in the story that motivated the grandmother to become literate.
3. Analyze the character of the granddaughter or narrator).
 1. How did she help her grandmother achieve her goal?
 2. Why did the grandmother touch the narrator's feet on the day of Dassara?
 3. What does this signify about her character?

Extract-Based Questions

"I am touching the feet of a teacher, not my granddaughter.

"Who speaks this line? Why does she say this?

What quality of the speaker is highlighted here?

Value-Based Question"

All times, I used to regret not going to school, so I made sure that my children and grandchildren study well."

With reference to this, discuss the importance of education and how age is not a barrier to learning.

Project Work:

Mobile Phones with smart features have weakened the family bonding. Express your feelings in forms of drawings, collages or any form of art using multiple colours of sketch pens on a big chart paper. The best one will be recognised and recommended for certificates and prizes.

SUBJECT: HINDI

श्रीभावाकाश गृहकार्य (एक पतली कॉपी में करना है।)

1) आपके पाठ्य पुस्तक 'गंगा' पेज 24 (सृजन) कॉपी में कीजिए।

2) दिए गए उपसर्ग से तीन-तीन शब्द लिखिए :-

वि, सु, निर, दूर, अति, स, अ, अन, बहु, अप

3) दिए गए प्रत्यय से तीन-तीन शब्द लिखिए :-

ता, ना, इक, दार, आवा, आई, पन, आवट, ई, आ

4) समास की परिभाषा लिखिए। समास के भेदों के नाम एवं उनकी परिभाषा और प्रत्येक के लिए 10-10 उदाहरण लिखिए।

5) आपको 'समाज सुधार' करने का अवसर मिले तो आप क्या-क्या सुधार करना चाहेंगे और कैसे करना चाहेंगे? लिखिए।

परियोजना कार्य (फाइल में लिखना है)

1) 10 मुहावरों को चित्रों के माध्यम से समझाइए और उन मुहावरों से वाक्य बनाइए।

2) दिए गए विषय पर अनुच्छेद लिखिए (लगभग 150 शब्दों में)

आत्मविश्वास और सफलता, स्वावलंबन, आत्मनिर्भर भारत

3) 'पशुओं के अधिकार' विषय पर एक भाषण लिखिए।

SUBJECT: SANSKRIT

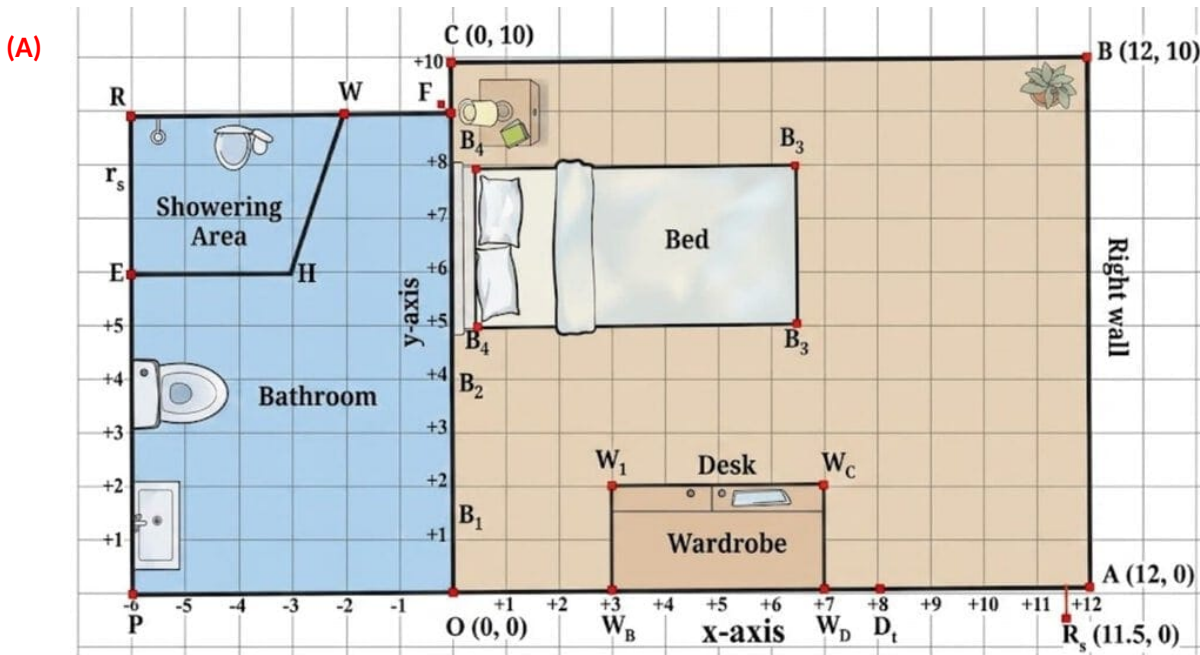
1) शारदा पाठ-1, सत्यं शिवं सुन्दरम् पाठ के समी प्रश्नोत्तर को लिखें और याद करें।

2) परियोजना कार्य -- पाठ-2 सुखस्य मूलं धर्मः, धर्मस्य मूलं अर्थः का कोई दो चित्र बनाकर 5 वाक्य चार्ट पेपर पर लिखें।

3) कारक विभक्ति को याद करें।

SUBJECT: MATHEMATICS

CHAPTER (1) ORIENTING YOURSELF: The Use of Coordinates.



On a graph sheet, mark the x-axis and y-axis and the origin O. Mark points from (-7, 0) to (13, q) on the x-axis and from (0, -15) to (0, 12) on the y-axis. (Use the scale 1 cm = 1 unit.) Using Fig. answer the given questions.

(1) Place Reiaan's rectangular study table with three of its feet at the points (8, 9), (11, 9) and (11, 7).

(i) Where will the fourth foot of the table be?

(ii) Is this a good spot for the table?

(iii) What is the width of the table? The length? Can you make out the height of the table?

(2) If the bathroom door has a hinge at B_1 and opens into the bedroom, will it hit the wardrobe? Are there any changes you would suggest if the door is made wider?

(3) Look at Reiaan's bathroom.

(i) What are the coordinates of the four corners O, F, R, and P of the bathroom?

(ii) What is the shape of the showering area SHWR in Reiaan's bathroom? Write the coordinates of the four corners.

(iii) Mark off a 3 ft × 2 ft space for the washbasin and a 2 ft × 3 ft space for the toilet. Write the coordinates of the corners of these spaces.

(4) Other rooms in the house:

(i) Reiaan's room door leads from the dining room which has the length 18 ft and width 15 ft. The length of the dining room extends from point P to point A. Sketch the dining room and mark the coordinates of its corners.

(ii) Place a rectangular 5 ft × 3 ft dining table precisely in the centre of the dining room. Write down the coordinates of the feet of the table.

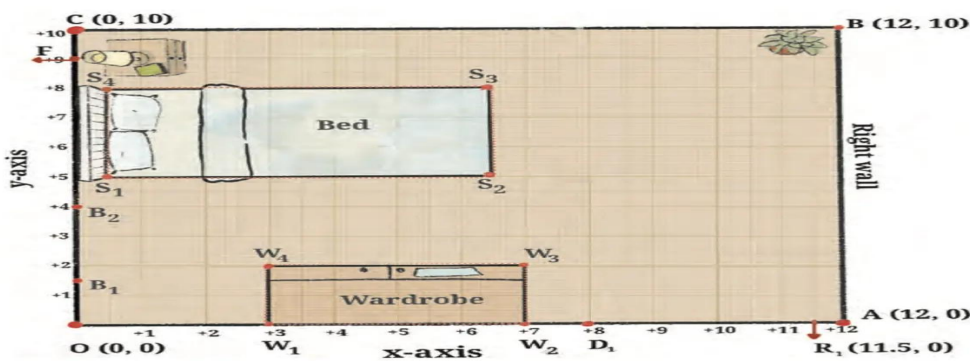


Fig. 1.3

(B)

Fig. shows Reiaan's room with points OABC marking its corners. The x- and y-axes are marked in the figure. Point O is the origin.

Referring to Fig. answer the following questions:

(i) If D_1R_1 represents the door to Reiaan's room, how far is the door from the left wall (the y-axis) of the room? How far is the door from the x-axis?

(ii) What are the coordinates of D_1 ?

(iii) If R_1 is the point $(11.5, 0)$, how wide is the door? Do you think this is a comfortable width for the room door? If a person in a wheelchair wants to enter the room, will he/she be able to do so easily?

(iv) If $B_1(0, 1.5)$ and $B_2(0, 4)$ represent the ends of the bathroom door, is the bathroom door narrower or wider than the room door?

(5) Use the connection you found to find the coordinates of B given that M $(-7, 1)$ is the midpoint of A $(3, -4)$ and B (x, y) .

(6) Let P, Q be points of trisection of AB, with P closer to A, and Q closer to B. Using your knowledge of how to find the coordinates of the midpoint of a segment, how would you find the coordinates of P and Q? Do this for the case when the points are A $(4, 7)$ and B $(16, -2)$.

(7)(i) Given the points A $(1, -8)$, B $(-4, 7)$ and C $(-7, -4)$, show that they lie on a circle K whose center is the origin O $(0, 0)$. What is the radius of circle K?

(ii) Given the points D $(-5, 6)$ and E $(0, 9)$, check whether D and E lie within the circle, on the circle, or outside the circle K.

(8) The midpoints of the sides of triangle ABC are the points D, E, and F. Given that the coordinates of D, E, and F are $(5, 1)$, $(6, 5)$, and $(0, 3)$, respectively, find the coordinates of A, B and C.

CHAPTER (2) INTRODUCTION TO LINEAR POLYNOMIALS

(9) Find the degrees of the following polynomials:

(i) $2x^2 - 5x + 3$ (ii) $y^3 + 2y - 1$ (iii) -9 (iv) $4z - 3$

(10) Write polynomials of degrees 1, 2 and 3.

(11) What are the coefficients of x^2 and x^3 in the polynomial $x^4 - 3x^3 + 6x^2 - 2x + 7$?

(12) What is the coefficient of z in the polynomial $4z^3 + 5z^2 - 11$?

(13) What is the constant term of the polynomial $9x^3 + 5x^2 - 8x - 10$?

(14) Find the value of the linear polynomial $5x - 3$ if:

(i) $x = 0$ (ii) $x = -1$ (iii) $x = 2$

(15) Find the value of the quadratic polynomial $7s^2 - 4s + 6$ if:

(i) $s = 0$ (ii) $s = -3$ (iii) $s = 4$

(16) The present age of Salil's mother is three times Salil's present age. After 5 years, their ages will add up to 70 years. Find their present ages.

(17) The difference between two positive integers is 63. The ratio of the two integers is 2:5. Find the two integers.

(18) Ruby has 3 times as many two-rupee coins as she has five rupee-coins. If she has a total ₹88, how many coins does she have of each type?

PROJECT WORK

- Do the project work on graph sheet and paste it on a chart paper .

Example 15: Now let us draw the graphs of $y = -\frac{1}{3}x$, $y = -x$, $y = -3x$ by selecting suitable points on these lines. Fig. 2.10 shows the graphs of these linear equations without any points labelled on them.

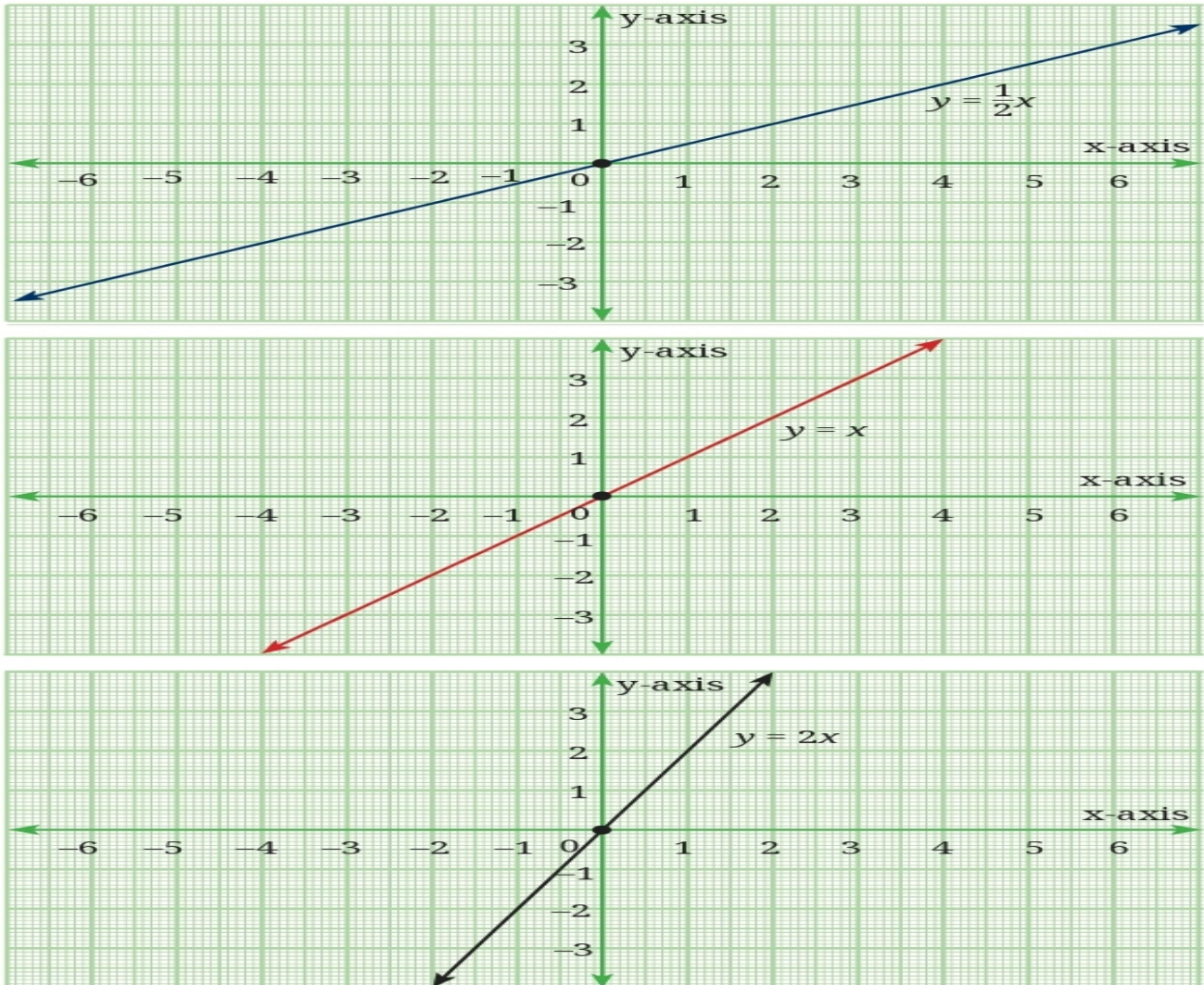


Fig. 2.8

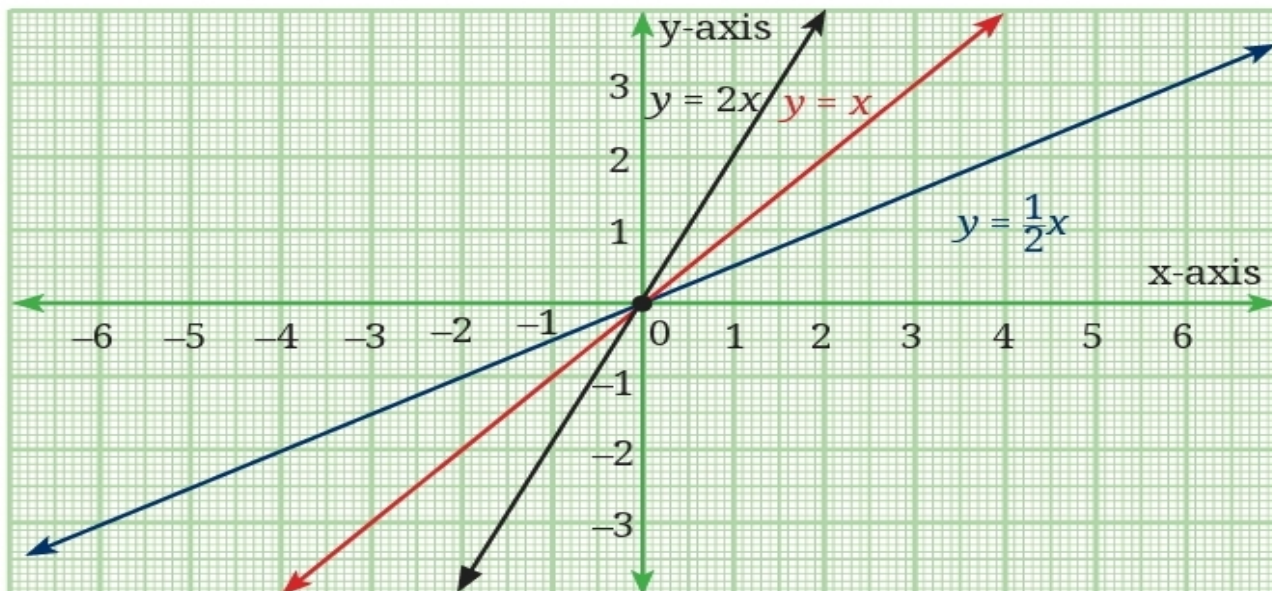


Fig. 2.9

SUBJECT: SCIENCE

PHYSICS

CLASS: IX

Subject: Physics

1. Define distance and displacement
2. Define average speed.
3. What are the differences between speed and velocity.
4. Define circular motion.
5. A bus cover 200 km in 3 hours. What will be the average speed of bus?
6. Define and acceleration. What is the SI unit of acceleration?
7. A truck start from the rest and acquire a velocity of 54 km/hr in 6 second. How much distance covered by truck in 6 seconds?

CHEMISTRY

CLASS: IX

Subject: Chemistry

1. Define Mixture. Give five examples.
2. Differentiate between Homogenous and Heterogenous Mixtures with examples.
3. What do you mean by Concentration of a solution? Name the various ways of expressing concentration of a solution.
4. If 5g glucose is dissolved in water to make 200 ml of solution, calculate its concentration in mass by volume percentage.
5. A saline drip in hospitals is usually 0.9% m/v Sodium Chloride in water. What does it mean?

6. Define solubility of a substance. How does solubility of solids and gases in water vary with the increase or decrease of temperature?
7. Draw the solubility curves of compounds A and B in water (**Fig. 5.6, Page 77**) and answer the questions on the basis of information from the graph.
 - i. The solubility of compound A in water at 20 °C is _____ (less than/more than/similar to) its solubility at 60 °C.
 - ii. The solubility of compound B in water at 20 °C is _____ (less than/more than/similar to) its solubility at 60 °C.
 - iii. The solubility of _____ increases more than that of _____ with an increase in the temperature

BIOLOGY

- Q1. The only cell organelle seen in prokaryotic cell is -
(a) Mitochondrion (b) Ribosomes (c) Plastids (d) Lysosomes
- Q2. 'Ribosomes' are associated with synthesis of
(a) Fats (b) Protein (c) Carbohydrates (d) Vitamins
- Q3. The membrane surrounding a vacuole in plant cell is known as -
(a) Plasma membrane (b) Nuclear membrane (c) Tonoplast (d) cell wall
- Select the odd one out -
(a) The movement of water across a semi - permeable membrane is affected by the amount of substances dissolved in it.
(b) Membrane are made up of organic molecules like proteins and lipids
(c) Molecules soluble in organic solvent, can easily pass through the membrane.
(d) Plasma membrane contain chitin and sugar in plants
- What is the role of ribosomes and golgi body?
What is the importance of nucleus? Write an activity showing osmosis.
What is ATP? Write its full form. Why lysosomes are called 'suicidal bags'?
What is cell theory? Who formulated it?

PROJECT WORK

Make a model of (Fluid mosaic model) of plasma membrane.

SUBJECT: SOCIAL SCIENCE

HISTORY

1. Describe the circumstances leading to the outbreak of revolutionary protest in France?
2. Which ruler came to power in France in 1774?
3. Why did the French government increase the taxes?
4. What was old regime?
5. Who wrote the the Spirit of the Law?
6. What was directory?
7. Describe the division of the French society before the French Revolution.
8. Explain the middle class in three points.

9. List down the political symbols of France.
10. What was the condition of slave trade in the 17th century?

Project cum activity work

Create a chart mapping the symbols of the French Revolution (broken chains, Phrygian cap, bundle of rods) to meaning (Liberty, Equality and Fraternity)

CIVICS

1. What is democracy?
2. What is the basic principle of democracy?
3. State the features of democracy ?
4. What is non- democratic government ?
5. Why democratic government considered better form of government ?
6. Mention 2 merits and two demerits of democracy.
7. How does democracy improve decision-making ?
8. What is the difference between democracy and dictatorship ?
9. How does democracy promote equality ?
10. What is 'Rule of Law' in democracy ?

Project Work for class 9 (civics)

Project Title:

“Understanding Democracy in Everyday Life”

 Project Structure:

1. Cover Page

*Title of the project

*Student’s Name, Class, *Section, Roll No.

*Subject: Civics

Introduction (1 Page)

2. Write a brief introduction on:

*What is Democracy?

*Why is democracy important?

3. Activity 1: Types of Government (Chart Work)

Make a chart comparing:

*Democracy

*Dictatorship

4 Choose one country and answer:

Is it democratic or non-democratic?

Why?

What rights do citizens have?

 Suggested examples:

India

China

North Korea

5. Prepare:

*Party name

*Symbol

Activity 6: Real-Life Observation

Ask 5 people (family/neighbours):

*Why do they vote?

*Do they think democracy is successful?

7. Conclusion :

What did you learn from this project?

Why is democracy important in today's world?

GEOGRAPHY

Answers the following questions.

1) Explain plate tectonic s theory.

2) Explain layers of the atmosphere with the help of suitable diagram.

3) What do you understand by the term wheather and climate?

Map work.

On the political map of India show arrival of monsoon.

5) Project work .

On the chart paper show different types of plates and their movement

SUBJECT: IT

- i. Karan lives at a hostel in Shimla. He calls his mother who lives in Delhi, to get her approval for the robotics class which is going to start in his school next week onwards. However, due to disruption in the phone line, his mother could not understand and reply to him. He got very upset. Which another medium can he use to get immediate approval of his mother?
a) E-mail b) Letter c) Message through Friend d) Fax
- ii. Trisha is always tense during exam time. She is a sincere and studious student, but the thought of exams creates anxiety in her. Which stress management technique that you would suggest to help her?
a) Yoga b) Exercise c) Vacation with Family d) All of these
- iii. _____ ability of a person to do the things that need to be done without someone or something influencing us.
a) Self-Motivation b) Self Discipline c) Self Awareness d) Self-Regulation
- iv. _____ refers to the vertical or horizontal placement of a graphic in relation to the chosen anchor point.
a) Alignment b) Footer c) Margin d) Headings
- v. Krishna wants to make a flowchart for his programs in a Word document. Which option should he use to accomplish this task efficiently?
a) Drawing/Shapes b) Symbols c) Pictures d) All of these
- vi. Fatima has inserted a picture in a document. But she wants to cut off a part of the picture. Which option she should use to accomplish the task?
a) Cut b) Copy c) Crop d) Layout
- vii. Communication skills are very important for any business. Explain any two elements of communication process.
- viii. What are the measures to increase the performance of a computer system?
- ix. What is the utility of text wrapping in a document?
- x. Write any two advantages of online shopping.

2. PROJECT WORK

3. CREATE A PORTFOLIO ON COMMUNICATION SKILLS (TAKE HELP OF YOUTUBE)

4. EXAMPLE: <https://youtu.be/06AQ8eEPpxQ>