



M.D. DAYANAND MODEL SCHOOL

NAKODAR

Summer Holiday

ASSIGNMENT



LEARN



EXPLORE



GROW



SUCCEED

Enjoy • Learn • Grow
Make the most of your holidays!

M.D. DAYANAND MODEL SCHOOL
NAKODAR



Summer Vacation
Assignments
Session 2026-27

CLASS 10th

“Vacations are not just a break from books—they’re a way to learn differently, from life itself.”

“Summer is a time to relax, reflect, and recharge for the journey ahead.”

INSTRUCTIONS

- Revision of syllabus UT-1
- Keep your Assignment ready.

For Academic Enrichment: -

1. **Read Regularly:** Choose books that interest you and read at least 20–30 minutes daily.
2. **Practice Skills:** Revise important topics in subjects like math, science, or languages to stay sharp.
3. **Explore New Topics:** Try learning something new—coding, art, a new language, or music.

Limit Screen Time

Avoid excessive use of mobile phones, video games, and social media.

Healthy Mind, Healthy Body

1. **Stay Active:** Do physical activities like walking, cycling, yoga, or playing outside.
2. **Eat Healthy:** Maintain a balanced diet—avoid too much junk food
3. **Maintain Hygiene:** Wash your hands regularly and keep your surroundings clean.

English

Chapter: The Dear Departed (Drama) By Stanley Houghton
Art-Integrated Project

Project Title: "Family Values and Materialism in The Dear Departed"

Part A: Cover Page

Design an attractive cover page with: Project Title, Student's Name, Class & Section, Roll Number, and School Name

Part B: Character Portrait Gallery

Create colourful portraits of the main characters:

Mrs. Slater
Mrs. Jordan
Abel Merryweather
Henry Slater
Ben Jordan

And write 3–4 lines describing each character below the portrait.

Part C: Comic Strip

Create a 4–5 panel comic strip showing the important events of the Drama:

- Family believes Abel is dead.
- Discussion about his belongings
- Taking the grandfather's clock
- Abel wakes up.
- Family's embarrassment
- Abel's final decision

Part D: Family Tree Poster

Prepare a creative family tree showing the relationships among all characters.

Note: Students will submit the written project and give an oral presentation in class after the summer vacation.

Rubrics (25 Marks)

Criteria	Marks
Content Knowledge	10
Creativity	5
Presentation	5
Expression & Clarity	5
Total Marks	25

ਛੁੱਟੀਆਂ ਦਾ ਕੰਮ

ਜਮਾਤ- ਦੱਸਵੀਂ

ਵਿਸ਼ਾ- ਪੰਜਾਬੀ

1. ਕੁਲਫੀ ਕਹਾਣੀ

ਸੁਜਾਨ ਸਿੰਘ ਦੀ ਕਹਾਣੀ 'ਕੁਲਫੀ' 'ਤੇ ਆਧਾਰਿਤ ਕੁਝ ਮਹੱਤਵਪੂਰਨ ਯੋਗਤਾ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Competency-Based Questions) ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਹਨ। ਇਹ ਪ੍ਰਸ਼ਨ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਆਲੋਚਨਾਤਮਕ ਸੋਚ, ਬਾਲ-ਮਨੋਵਿਗਿਆਨ ਦੀ ਸਮਝ ਅਤੇ ਸਮਾਜਿਕ-ਆਰਥਿਕ ਸਥਿਤੀਆਂ ਦਾ ਵਿਸ਼ਲੇਸ਼ਣ ਕਰਨ ਦੀ ਸਮਰੱਥਾ ਨੂੰ ਪਰਖਣ ਲਈ ਤਿਆਰ ਕੀਤੇ ਗਏ ਹਨ:

ਉੱਚ-ਪੱਧਰੀ ਸੋਚ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (Higher-Order Thinking - HOTS)

1. ਪ੍ਰਸ਼ਨ: "ਲੇਖਕ ਸਾਰੀ ਰਾਤ ਜਾਗਦਾ ਰਿਹਾ ਅਤੇ ਦੋਰ ਨਾਲ ਘਰ ਮੁੜਿਆ ਤਾਂ ਜੋ ਉਸਨੂੰ ਕਾਕੇ ਦੇ ਸਵਾਲਾਂ ਦਾ ਸਾਹਮਣਾ ਨਾ ਕਰਨਾ ਪਵੇ।" ਇੱਕ ਨੈਕਰੀਪੋਸਾ ਪਿਤਾ ਦੀ ਇਸ ਮਾਨਸਿਕ ਪੀੜ ਅਤੇ ਲਾਚਾਰੀ ਦਾ ਅਜੇਕੇ ਮਹਿੰਗਾਈ ਦੇ ਦੋਰ ਨਾਲ ਸਬੰਧ ਜੋੜਦਿਆਂ ਵਿਸ਼ਲੇਸ਼ਣ ਕਰੋ।

ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਪ੍ਰਸ਼ਨ (Analytical Questions)

2. ਪ੍ਰਸ਼ਨ: ਕਹਾਣੀ ਵਿੱਚ ਲੇਖਕ ਆਪਣੀ ਤਨਖਾਹ ਵਧਾਉਣ ਲਈ ਮਾਲਕ ਦੇ ਸਾਹਮਣੇ ਮੰਗ ਰੱਖਣ ਤੋਂ ਕਿਉਂ ਡਰਦਾ ਹੈ? ਇਹ ਸਥਿਤੀ ਮਜ਼ਦੂਰ/ਮੁਲਾਜ਼ਮ ਵਰਗ ਦੀ ਕਿਸ ਮਜ਼ਬੂਤੀ ਅਤੇ ਸ਼ੋਸ਼ਣ ਨੂੰ ਬਿਆਨ ਕਰਦੀ ਹੈ?

ਮੁੱਲ-ਆਧਾਰਿਤ ਅਤੇ ਵਿਵਹਾਰਕ ਪ੍ਰਸ਼ਨ (Value-Based & Practical Questions)

3. ਪ੍ਰਸ਼ਨ: ਬੱਚੇ ਅਮੀਰੀ-ਗਰੀਬੀ ਦੇ ਭੇਦਤਾਵ ਤੋਂ ਅਣਜਾਣ ਹੁੰਦੇ ਹਨ, ਪਰ ਸਮਾਜਿਕ ਪਰਿਸਥਿਤੀਆਂ ਉਨ੍ਹਾਂ ਦੇ ਮਾਸੂਮ ਮਨਾਂ 'ਤੇ ਗਹਿਰਾ ਅਸਰ ਪਾਉਂਦੀਆਂ ਹਨ। ਕਾਕੇ ਦੇ ਪਾਤਰ ਰਾਹੀਂ ਬਾਲ-ਮਨੋਵਿਗਿਆਨ (Child Psychology) 'ਤੇ ਪੈਣ ਵਾਲੇ ਅਜਿਹੇ ਪ੍ਰਭਾਵਾਂ ਬਾਰੇ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ।

4. ਪ੍ਰਸ਼ਨ: ਜੇਕਰ ਤੁਸੀਂ ਲੇਖਕ (ਪਿਤਾ) ਦੇ ਦੋਸਤ ਹੁੰਦੇ ਅਤੇ ਤੁਹਾਨੂੰ ਉਸਦੀ ਇਸ ਆਰਥਿਕ ਅਤੇ ਮਾਨਸਿਕ ਪਰੇਸ਼ਾਨੀ ਬਾਰੇ ਪਤਾ ਲੱਗਦਾ, ਤਾਂ ਤੁਸੀਂ ਉਸਦੀ ਸਵੈ-ਅਣਖ (Self-respect) ਨੂੰ ਬਿਨਾਂ ਕੋਈ ਠੋਸ ਪਹੁੰਚਾਏ ਕਿਸ ਤਰ੍ਹਾਂ ਮਦਦ ਕਰਦੇ?

ਕੇਸ ਸਟੱਡੀ / ਸਥਿਤੀ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Situation-Based Questions)

5. ਪ੍ਰਸ਼ਨ: ਮੰਨ ਲਓ ਤੁਸੀਂ ਇੱਕ ਅਜਿਹੇ ਸਕੂਲ ਵਿੱਚ ਪੜ੍ਹਦੇ ਹੋ ਜਿੱਥੇ ਵੱਖ-ਵੱਖ ਆਰਥਿਕ ਪਿਛੋਕੜ ਵਾਲੇ (ਅਮੀਰ ਅਤੇ ਗਰੀਬ) ਬੱਚੇ ਇਕੱਠੇ ਪੜ੍ਹਦੇ ਹਨ। ਸਕੂਲ ਵਿੱਚ ਬੱਚਿਆਂ ਦਰਮਿਆਨ 'ਕੁਲਫੀ' ਕਹਾਣੀ ਵਰਗਾ ਪਾੜਾ ਨਾ ਹੋਵੇ, ਇਸ ਲਈ ਇੱਕ ਤਿੰਮੇਵਾਰ ਵਿਦਿਆਰਥੀ ਜਾਂ ਸਕੂਲ ਪ੍ਰਸ਼ਾਸਨ ਵਜੋਂ ਕੀ ਨਿਯਮ ਬਣਾਏ ਜਾਣੇ ਚਾਹੀਦੇ ਹਨ?

2. ਘਰ ਦਾ ਪਿਆਰ ਨਿਬੰਧ

ਪ੍ਰਿੰਸੀਪਲ ਤੇਜਾ ਸਿੰਘ ਦੇ ਲੇਖ 'ਘਰ ਦਾ ਪਿਆਰ' 'ਤੇ ਆਧਾਰਿਤ ਕੁਝ ਮਹੱਤਵਪੂਰਨ ਯੋਗਤਾ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Competency-Based Questions) ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਹਨ। ਇਹ ਪ੍ਰਸ਼ਨ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸੋਚ ਨੂੰ ਸਿਰਫ ਪਾਠ-ਪੁਸਤਕ ਤੱਕ ਸੀਮਿਤ ਰੱਖਣ ਦੀ ਬਜਾਏ, ਉਨ੍ਹਾਂ ਨੂੰ ਅਸਲ ਜ਼ਿੰਦਗੀ ਅਤੇ ਅਜੋਕੇ ਸਮਾਜਿਕ ਪਰਿਵਰਤਨਾਂ ਨਾਲ ਜੋੜ ਕੇ ਦੇਖਣ ਲਈ ਪ੍ਰੇਰਿਤ ਕਰਦੇ ਹਨ:

ਉੱਚ-ਪੱਧਰੀ ਸੋਚ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (Higher-Order Thinking - HOTS)

1. ਪ੍ਰਸ਼ਨ: ਲੇਖਕ ਅਨੁਸਾਰ, "ਜਿਹੜੇ ਲੋਕ ਘਰ ਦੇ ਪਿਆਰ ਤੋਂ ਸੱਖਣੇ ਹੁੰਦੇ ਹਨ, ਉਨ੍ਹਾਂ ਦਾ ਸੁਰਾਖ ਸਖਤ ਅਤੇ ਸਤਕੂ ਹੋ ਜਾਂਦਾ ਹੈ।" ਕੀ ਤੁਸੀਂ ਇਸ ਗੱਲ ਨਾਲ ਸਹਿਮਤ ਹੋ? ਅਜੋਕੇ ਸਮਾਜ ਵਿੱਚ ਵਧ ਰਹੇ ਗੁੱਸੇ (Road Rage) ਅਤੇ ਅਸਹਿਣਸ਼ੀਲਤਾ ਦਾ ਸਬੰਧ ਘਰ ਦੇ ਮਾਹੌਲ ਨਾਲ ਜੋੜਦੇ ਹੋਏ ਆਪਣੇ ਵਿਚਾਰ ਪੇਸ਼ ਕਰੋ।
2. ਪ੍ਰਸ਼ਨ: "ਘਰ ਸਿਰਫ ਇੱਟਾਂ-ਗਾਰੇ ਦਾ ਬਣਿਆ ਮਕਾਨ ਨਹੀਂ ਹੈ।" ਇਸ ਕਥਨ ਦੇ ਰੇਸ਼ਨੀ ਵਿੱਚ ਸਪਸ਼ਟ ਕਰੋ ਕਿ ਇੱਕ ਆਧੁਨਿਕ ਸੁਖ-ਸਹੂਲਤਾਂ ਵਾਲੇ 'ਵਿਲਾ/ਫਲੈਟ' ਅਤੇ ਇੱਕ ਅਸਲ 'ਘਰ' ਵਿੱਚ ਕੀ ਅੰਤਰ ਹੁੰਦਾ ਹੈ?

ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਪ੍ਰਸ਼ਨ (Analytical Questions)

3. ਪ੍ਰਸ਼ਨ: ਲੇਖਕ ਨੇ ਵੱਡੇ-ਵੱਡੇ ਧਾਰਮਿਕ ਉਪਦੇਸ਼ਕਾਂ ਅਤੇ ਲੀਡਰਾਂ ਦੀ ਉਦਾਹਰਨ ਦੇ ਕੇ ਦੱਸਿਆ ਹੈ ਕਿ ਘਰ ਦੇ ਪਿਆਰ ਤੋਂ ਬਿਨਾਂ ਉਨ੍ਹਾਂ ਦੇ ਸੁਰਾਖ ਵਿੱਚ ਖੁਸ਼ਕੀ ਆ ਜਾਂਦੀ ਹੈ। ਇਸ ਗੱਲ ਦਾ ਵਿਸ਼ਲੇਸ਼ਣ ਕਰੋ ਕਿ ਜਨਤਕ ਜੀਵਨ (Public Life) ਵਿੱਚ ਸਫਲ ਹੋਣ ਲਈ ਵੀ ਮਨੁੱਖ ਦਾ ਨਿੱਜੀ ਪਰਿਵਾਰਕ ਜੀਵਨ ਕਿਉਂ ਸੁਖੀ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ?

ਮੁੱਲ-ਆਧਾਰਿਤ ਅਤੇ ਵਿਵਹਾਰਕ ਪ੍ਰਸ਼ਨ (Value-Based & Practical Questions)

4. ਪ੍ਰਸ਼ਨ: ਅਜੋਕੇ ਸਮੇਂ ਵਿੱਚ ਪਰਿਵਾਰ ਦੇ ਸਾਰੇ ਮੈਂਬਰ ਇੱਕੋ ਕਮਰੇ ਵਿੱਚ ਬੈਠ ਕੇ ਵੀ ਆਪਣੇ-ਆਪਣੇ ਮੋਬਾਈਲ ਫੋਨਾਂ (Digital Screens) ਵਿੱਚ ਰੁੱਝੇ ਰਹਿੰਦੇ ਹਨ। ਇਸ ਵਰਤਾਰੇ ਨੇ 'ਘਰ ਦੇ ਪਿਆਰ' ਦੀ ਪਰਿਭਾਸ਼ਾ ਨੂੰ ਕਿਵੇਂ ਪ੍ਰਭਾਵਿਤ ਕੀਤਾ ਹੈ ਅਤੇ ਇਸ ਦੂਰੀ ਨੂੰ ਮਿਟਾਉਣ ਲਈ ਤੁਸੀਂ ਕੀ ਕਦਮ ਚੁੱਕੋਗੇ?

ਕੇਸ ਸਟੱਡੀ / ਸਥਿਤੀ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Situation-Based Questions)

5. ਪ੍ਰਸ਼ਨ: ਮੰਨ ਲਓ ਤੁਹਾਡਾ ਇੱਕ ਦੇਸਤ ਪਰ੍ਥਵੀ ਜਾਂ ਨੈਕਰੀ ਦੇ ਸਿਲਸਿਲੇ ਵਿੱਚ ਆਪਣੇ ਪਰਿਵਾਰ ਤੋਂ ਦੂਰ ਕਿਸੇ ਦੂਜੇ ਸ਼ਹਿਰ ਵਿੱਚ ਇਕੱਲਾ (Paying Guest ਵਜੋਂ) ਰਹਿ ਰਿਹਾ ਹੈ ਅਤੇ ਉਹ 'ਹੋਮਸਿਕਨੈੱਸ' (ਘਰ ਦੀ ਯਾਦ ਵਿੱਚ ਉਦਾਸੀ) ਦਾ ਸ਼ਿਕਾਰ ਹੈ। ਘਰ ਦਾ ਪਿਆਰ ਲੇਖ ਦੀਆਂ ਸਕਾਰਾਤਮਕ ਗੱਲਾਂ ਨੂੰ ਮੁੱਖ ਰੱਖਦੇ ਹੋਏ, ਤੁਸੀਂ ਉਸਨੂੰ ਮਾਨਸਿਕ ਤੌਰ 'ਤੇ ਮਜ਼ਬੂਤ ਕਰਨ ਲਈ ਕੀ ਸਲਾਹ ਦਿਓਗੇ?

Hindi

Home assignment

- प्रश्न 1. बड़े भाई साहब की डाँट-फटकार अगर ना मिलती, तो क्या छोटा भाई कक्षा में अब्बल आता अपने विचार प्रकट कीजिए।
- प्रश्न 2. 'बुनियाद ही पुख्ता ना हो, तो मकान पायदार कैसे बने' बड़े भाई साहब पाठ के आधार पर पंक्ति का आशय स्पष्ट कीजिए।
- प्रश्न: 3 'डायरी का एक पन्ना' पाठ के आधार पर लिखिए कि अंग्रेज सरकार ने कोलकाता वासियों द्वारा मोन्यूमेंट पार्क में आयोजित सभा को रोकने के लिए क्या-क्या प्रयास किया?
- प्रश्न: 4 लेखक की डायरी का पन्ना भावी पीढ़ी को किस प्रकार प्रोत्साहित करता है? स्पष्ट कीजिए।
- प्रश्न: 5 मनुष्यता एवं भक्ति की राह में आप पुस्तकीय ज्ञान को कितना उपयोगी या अनुपयोगी समझते हैं और क्यों? स्पष्ट कीजिए।
- प्रश्न: 6 कबीर के दोहों के आधार पर कस्तूरी की उपमा को स्पष्ट कीजिए। मनुष्य को ईश्वर प्राप्ति के लिए क्या करना चाहिए?
- प्रश्न: 7 'हरिहर काका' कहानी समाज के किस कटु सत्य को उजागर करती है? स्पष्ट कीजिए।
- प्रश्न: 8 हरिहर काका का चरित्र चित्रण कीजिए।
- प्रश्न: 9 पदबंध की परिभाषा लिखिए। पदबंध के कितने भेद होते हैं उदाहरण सहित लिखिए।
- प्रश्न: 10 मोटापा और डायबिटीज के उपचार के लिए आयोजित उपचार शिविर का विज्ञापन लिखिए तथा अपने क्षेत्र में सार्वजनिक पुस्तकालय और वाचनालय खोलने की प्रार्थना करते हुए शिक्षा विभाग के सचिव को लगभग 100 शब्दों में पत्र लिखिए।

Social Science

Dear students All the students are instructed to make a project file for Social Sci. on the following topics:

1. Social issues: - Title "Voices of Change – Tackling Social Challenges" **Roll No. (1 to 10)**
2. Consumer awareness Title: "Be Aware, Be Smart – The Power of a Consumer" **(Roll No.11 to 20)**
3. Sustainable Development Title: - "Towards a Greener Future – Sustainable Development Goals (SDGs)" **(Roll No.21 onwards)**

You must mention the following points: -

- 1.Introduction
- 2.Collection of data (picture based)
- 3.Case study
- 4.investigation of case study
- 5.conclusion and references

Rubrics:

Presentation (1)

Content (2)

Facts (1)

Compilation (1)

NOTE: This will be assessed for internal assessment of 5 Marks

Science

BIOLOGY (Chapter-5 Life Processes)

Q1. Human digestive system is a tube running from mouth to anus. Its main function is to breakdown complex molecules present in the food which cannot be absorbed as such, so it is broken into smaller molecules. These molecules are absorbed across the walls of the tube and the absorbed food reaches each and every cell of the body where it is utilised for obtaining energy.

(a) Name the glands present in the buccal cavity and write the components of food on which the secretion of these glands act upon.

(b) Two organs have a sphincter muscle at their exit. Name them.

(c) What will happen if: (i) mucus is not secreted by the gastric glands. (ii) Villi are absent in the small intestine.

(d) "Bile juice does not contain any enzyme, yet it has important roles in digestion." Justify the statement.

Q2. Food does not pass through the digestive system by "gravity". This is clear from the fact that we can digest the food even if we are lying down. Explain the logic behind the passage of food through our digestive system.

Q3. A. Give reasons :

(a) Ventricles have thicker muscular walls than atria.

(b) Transport system in plants is slow.

(c) Circulation of blood in aquatic vertebrates differs from that in terrestrial vertebrates.

(d) During the daytime, water and minerals travel faster through xylem as compared to the night.

(e) Veins have valves whereas arteries do not.

OR

B. i) Write one function of each of the following components of the transport system in human beings (a) Blood vessels (b) Lymph (c) Heart

ii) State the functions of the following in the alimentary canal : (i) Liver (ii) Gall bladder

Q4. Ravi went for a 5KM run early in the morning. After the run, he was breathing heavily and felt energetic. Help him understand the process involved by answering the following questions:

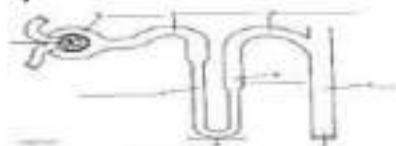
a) Why did Ravi start breathing heavily after the run? Name the type of respiration involved during intense physical activity.

b) Why do muscle cells sometimes perform an aerobic respiration even in the presence of oxygen during vigorous exercise?

c) Which energy carrying molecule is produced during respiration? Where is it produced in the cell?

Q5. Identify what is shown in the below diagrams and highlight their importance in human body:

a)



b)



Chapter: Light (Reflection and Refraction)

1. A 4.5 cm needle is placed 12 cm away from a convex mirror of focal length 15 cm. Give the location of the image and the magnification. Describe what happens as the needle is moved farther from the mirror.
2. Draw any three ray diagrams to show how the size and nature of image of an object change when it moves from centre of curvature of concave mirror towards the pole of the mirror.
3. Light travels from rarer medium 1 to a denser medium 2. The angle of incident and refraction are respectively 45° and 30° . Calculate the (i) refractive index of second medium with respect to the first medium and (ii) refractive index of medium 1 with respect to the medium 2.
4. A jar 15 cm long is filled with a transparent liquid. When viewed from the top, its bottom appears to be 12cm below. What is the refractive index of the liquid?
5. An object 2cm tall is placed on the axis of a convex lens of focal length 5cm at a distance of 10cm from the optical centre of the lens. Find the nature, position and size of the image formed. Which case of image formation by convex lenses is illustrated by this example?
6. A converging lens of focal length 5cm is placed at a distance of 20cm from a screen. How far from the lens should an object be placed so as to form its real image on the screen?
7. An object is placed at a distance of 50cm from a concave lens produces a virtual image at a distance of 10 cm in front of the lens. Draw a diagram to show the formation of image. Calculate focal length of the lens and magnification produced.
8. A 50 cm tall object is at a very large distance from a diverging lens. A virtual, erect and diminished image of the object is formed at a distance of 20 cm in front of the lens. How much is the focal length of the lens?
9. A convex lens of focal length 25cm and a concave lens of focal length 10cm are placed in close contact with one another.
 - a. What is the power of the combination?
 - b. What is the focal length of the combination?
 - c. Is this combination converging or diverging?
10. The power of a combination of two lenses X and Y is 5D. If the focal length of lens X be 15 cm, then
 - a. Calculate the focal length of lens Y.
 - b. State the nature of the lens Y.

Math

Mathematics

Class 10th

Holiday Home assignment (2026-27)

1. A fruit vendor has 625 apples and 325 oranges. He wants to pack them in boxes such that each box has an equal number of fruits of the same type. What is the maximum number of fruits he can pack in each box?
2. The traffic lights at three different road crossings change after every 48 seconds, 72 seconds, and 108 seconds respectively. If they all change simultaneously at 7:00 AM, at what time will they change together again?
3. For the Independence Day parade, the PT teacher has to arrange 240 students of Class 10 and 210 students of Class 9 in rows. He wants to arrange them in such a way that each row has the same number of students and all students in a row are from the same class.
 - a) What is the maximum number of students that can be arranged in each row?
 - b) Find the total number of rows formed for both classes combined.
4. There are 576 boys and 448 girls in a school that are divided into equal sections of either boys or girls alone. Find the total number of sections thus formed.
5. A forester wants to plant 66 apple trees, 88 banana trees and 110 mango trees in equal rows (in terms of number of trees). Also, he wants to make distinct rows of trees (i.e., only one type of trees in one row). Find the number of minimum rows required.

6. A manufacturing company models its profit $P(x)$ (in thousands of rupees) from selling x units of a product by the polynomial $P(x) = -x^2 + 10x - 16$. Find the break-even points, which are the number of units sold where the profit is exactly zero (i.e., $P(x) = 0$).

7. Pooja visits a park and observes a water fountain that shoots jets of water into the air, tracing a curved, symmetrical path. She records the height of the water at various horizontal distances from the base on a graph paper and discovers the path forms a perfect parabola.

Mathematically, the path of the water jet can be represented by the quadratic polynomial $p(x) = -2x^2 + 8x - 1$

- (i) At which points will the water jet trace intersect the positive x -axis?
- (ii) If the path of a similar jet is modeled by $p(x) = ax^2 + bx + c$, state the relationship between the coefficients and zeroes of the polynomial.

8. An architect is designing a new roller coaster track. The track's path from the starting point to the first deep drop is shaped by the curve of a polynomial.

The polynomial modeling this section of the track is $p(x) = x^3 - 4x^2 + x + 6$

If $(x = -1)$ represents a point where the track is at ground level ($p(-1) = 0$), find all the other ground-level points (zeroes) for this polynomial.

9. A school is planning a day trip for its students to an amusement park. The park charges an entry fee of Rs. 250 for adults and Rs150 for students. A group consisting of 4 adults and some students pays a total of Rs. 4450.

- (i) Write a system of linear equations to represent the situation if x is the number of students and y is the number of adults.
- (ii) Formally solve the equations algebraically to find the exact number of students on the trip.
- (iii) If the park introduces a discount flat-fee package of Rs. 5000 for a group of up to 2 teachers and 25 students, how much does the school save per student compared to the original entry rate?

10. A ball is thrown vertically upwards. The mathematical model for the height h (in meters) of the ball after t seconds is given by the equation:

$$h = 20t - 5t^2$$

- (i) After how many seconds will the ball reach a height of 15 meters?
- (ii) Determine the exact time when the ball hits the ground.

11. Amit is designing a rectangular digital display screen for a computer. The total area of the display screen is 800 cm^2 . The length of the screen is 10 cm more than its width.

- (i) If the width of the screen is x cm, form a quadratic equation representing this situation.
- (ii) Find the exact dimensions (length and width) of the display screen.



Practical file

UNIT -I

DIGITAL DOCUMENTATION (ADVANCED) USING LIBREOFFICE WRITER

1. In LibreOffice Writer, open the Styles and Formatting window, list available style categories, and select one style from each category.
2. Apply a style to multiple areas of your document quickly using the Fill Format tool.
3. Create a new style from selected text and update it by modifying its attributes.
4. Insert an image into a document and then modify it using the Image toolbar to resize, crop and delete the image.
5. Create various drawing objects within your document, adjust their properties including color, line style, and fill, resize individual drawing objects and group multiple objects together for better document organization.
6. Adjust the image's position in the text using text wrapping, anchoring, alignment, and arrangement options. 14
7. Create and customize a Table of Contents in a document and update or delete it.
8. Prepare a document for review by recording, accepting, or rejecting changes, and manage comments by adding or deleting them.
9. Compare two versions of a document to identify and review differences.

Project file work:

Make a project file on the topic SELF MANAGEMENT

:- meaning of self management

:-stress management techniques

:-self motivation (types)

Use these above sub points to make a proper file each subtopic should be given a proper page (use pictures and sketches to design your project)

A4 sheet work:

Make a poster on safety(props) equipment's any 5 mention its name and uses (paste/draw)

Chart work:

Make a chart on IPL 2026 game name all it's teams and captain| vice captain (at end also mention the winner of this season)

You can use pictures or logo of each team to highlight them

All the work should be neat and clean creative



ENJOY
SUMMER
TIME



HOLIDAY HOMEWORK

CLASS IX

SESSION :2026-27

“True teaching is not filing the mind with facts, but about guiding individuals to discover their own innate wisdom”

Instructions

- **Students are supposed to revise unit I syllabus during summer vacation.**
- **Prepare your assignment during summer vacation.**

Subject: English

Answer the following the question in about (100-120) words and write on your notebooks:

Q1. Analyze how the grandmother's determination to learn Kannada reflects lifelong learning. Provide examples from the story where her resilience led to personal growth, and explain how these qualities can be applied in your own life or future learning."

Q2. "Discuss how the theme of self-respect is portrayed in the story. How does the grandmother's decision to learn independently challenge societal norms? Support your answer with specific incidents from the chapter."

Q3. "A teacher can be younger in age but greater in knowledge." How is this idea reflected in the relationship between the grandmother and granddaughter?

Q4. She's peerless, let's praise her!" How does the poet prove that India is unique and incomparable? Support your answer with examples from the poem.

Q5. "Our sages were saints of peace and love."

Explain how India's cultural heritage and teachings are still relevant in today's world.

Q6. Imagine you are asked to deliver a speech on India's greatness based on the poem. Which three ideas from the poem would you include and why?

Q7. Compare the feelings of patriotism shown in the poem with your own feelings for your country. Which ideas in the poem inspire you the most?

Q8. "Hard work and patience are necessary for success." How is this idea reflected in the story 'The pot maker'?

Q9. The pot maker treated his craft with great respect and dedication. What lesson does this teach modern students about the dignity of labour?

Q10. The pot maker faced challenges calmly and wisely.

How can students apply this approach while dealing with academic pressure and failures?

News Report on "Dream Job"

A student will act as a news reporter and speak about his/her dream job, throwing light on its various aspects.

Instructions:

Record a video of 2-3 minutes duration.

Handy Tips:

"Welcome to BBC News. Today, I am __ and I am going to throw light on my dream job, __."

Why do I like this job?

What are its alluring aspects?

Why is it a fruitful profession?

Why do others opt for this profession?

SUBJECT: MATHEMATICS

Question 1: Archaeologists studying a city layout inspired by the Sindhu-Sarasvati civilization map out the settlements on a 2D Cartesian plane. The Main Granary is located at coordinates A(3, 4) and the Crafts Quarter is located at B(3, -5).

- Plot these points mentally or sketch them, and explain why the pathway connecting the Granary directly to the Crafts Quarter is parallel to the y-axis.
- Calculate the exact structural distance between these two points in grid units.

Question 2:

A security drone tracks a perimeter boundary. It starts its journey at a outpost located at P(-4, -3).

- Identify which quadrant this outpost is located in and write down the general coordinates for all quadrants.
- If the drone flies horizontally to the right until it reaches a point Q that has the exact same distance from the y-axis but lies in the fourth quadrant, write down the coordinates of Q.

Question 3:

An artisan wants to lay out a rectangular altar based on historical structural designs. Three vertices of this rectangular layout are fixed at O(0, 0), X(6, 0), and Y(0, 4).

- Find the coordinates of the missing fourth vertex Z required to complete the rectangle. Explain how you determined this position using the properties of a rectangle.
- Find the coordinates of the exact center point where the two diagonals of this altar will intersect.

Question 4:

A community park layout is designed to be perfectly symmetrical across the coordinate axes. A fountain is placed at point M(5, 2).

- If a seating bench is placed at point N, which is a reflection of point M across the x-axis, state the coordinates of N.
- If another utility station is placed at point K, which is a reflection of point M across the y-axis, state the coordinates of K.

Question 5:

A triangular plot of land inside a local school is demarcated on a graph paper with the coordinate vertices given as D(1, 1), E(7, 1), and F(1, 6).

- State the lengths of the base DE and the vertical height DF.
- Calculate the total perimeter of this triangular plot.

Question 6:

A student is playing a grid-based motion game. The rule of the game states that a player can only occupy coordinates (x, y) where the distance from the horizontal axis is exactly double the distance from the vertical axis, and both coordinates must have opposite signs.

- Formulate an algebraic relation between x and y that satisfies this rule.
- Give two distinct coordinate points that satisfy this condition, ensuring one point is in the second quadrant and the other is in the fourth quadrant.

Question 7:

An e-rickshaw driver charges a base fixed fare of ₹30 just to start the ride, and an additional variable fare of ₹12 for every kilometer travelled. Let x represent the distance travelled in kilometers and $p(x)$ represent the total fare polynomial.

- Write down the expression for the linear polynomial $p(x)$ representing the total fare.
- If a passenger paid a total fare of ₹150, calculate the exact distance they travelled by solving the polynomial equation.

Question 8:

Consider the linear polynomial expression given by $f(x) = 3x - 9$.

- Find the algebraic 'zero' of this polynomial by setting $f(x) = 0$.
- Plot the equation $y = 3x - 9$ on a Cartesian coordinate graph plane. Where exactly does it meet the horizontal axis?

Question 9:

A walking ramp is designed such that its elevation profile follows the linear polynomial equation $y = mx + 2$. The ramp is anchored to the ground at the horizontal coordinate point $(-4, 0)$.

- Substitute the anchor point into the linear equation to determine the exact value of the slope parameter m .

Question 10:

Two separate temperature tracking profiles are represented by the linear functions $A(x) = 2x + 5$ and $B(x) = 2x - 3$.

Find the y-intercept (where $x = 0$) for both polynomials

Plot these lines on graph.

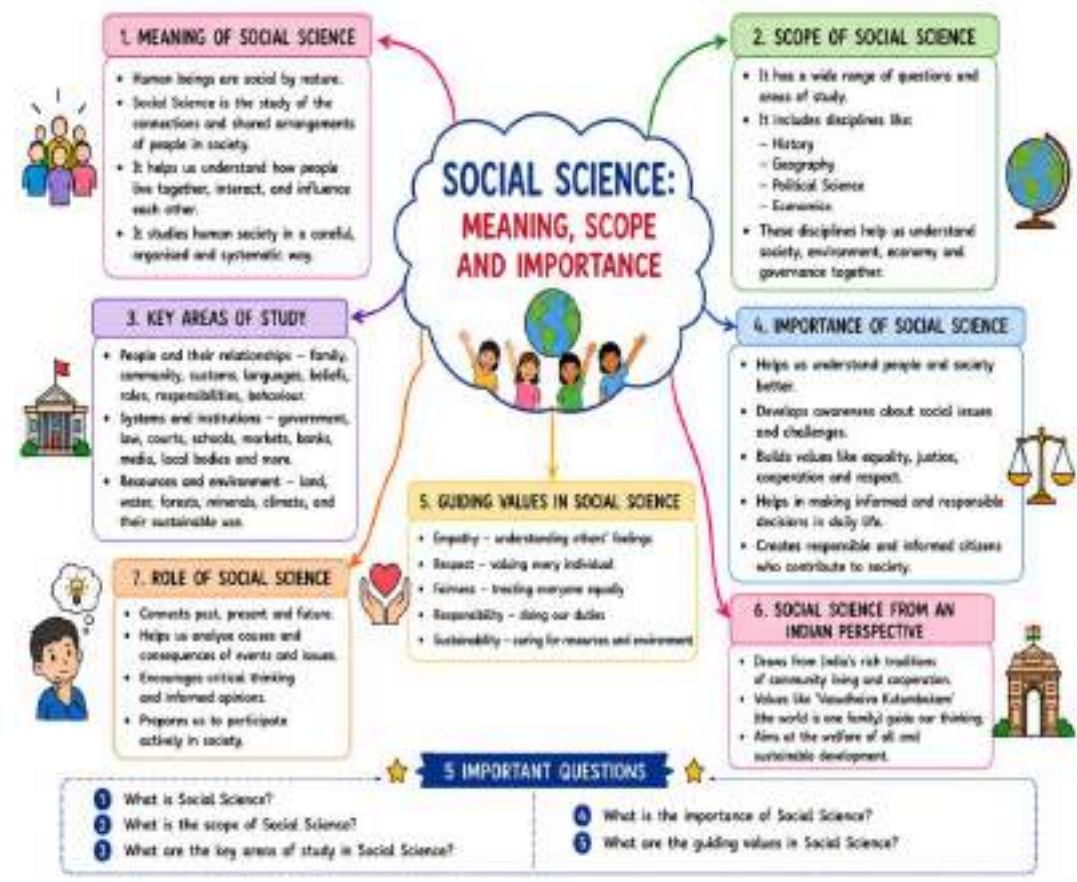
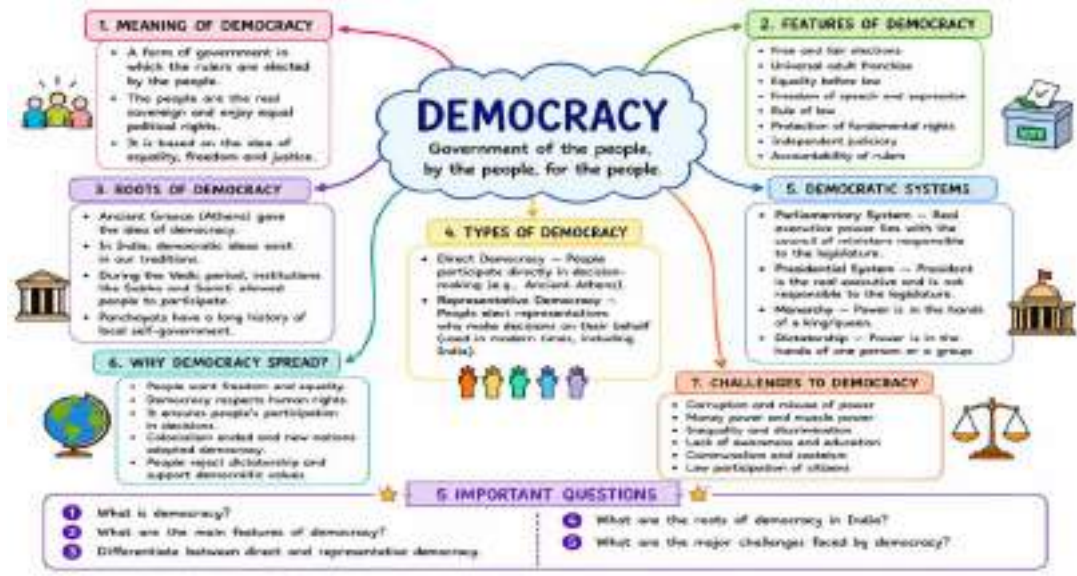
Question 11:

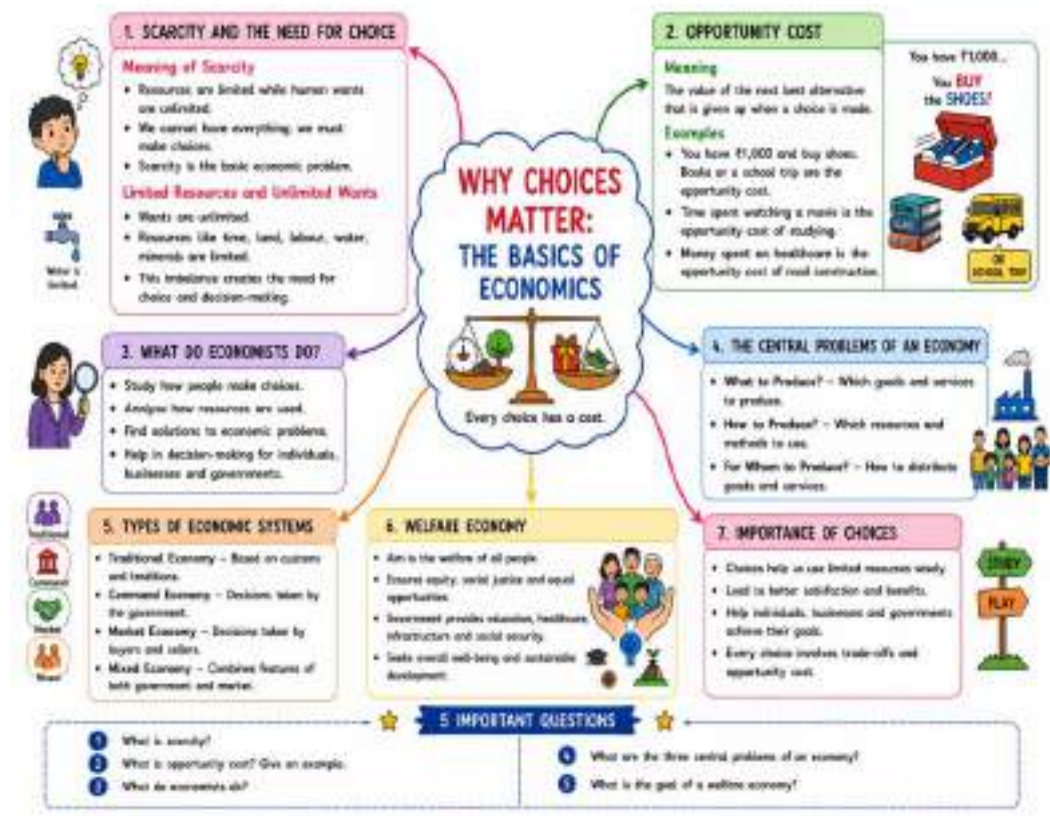
A teacher challenges a student with a mystery linear polynomial $q(x) = kx + 12$, where k is an unknown constant value. The teacher provides a single clue: the value of the polynomial becomes exactly zero when the input variable x is equal to -3 .

Set up the appropriate algebraic equation using the clue and solve for the unknown value of k .

Rewrite the complete polynomial with the correct value of k and calculate the value of the polynomial when the input is $x = 5$.

Subject: Social Science





Assertion & Reason Practice Worksheet

Read each Assertion (A) and Reason (R) carefully and choose the correct answer.

Options:

- Both A and R are true and R is the correct explanation of A
- Both A and R are true but R is not the correct explanation of A
- A is true but R is false
- A is false but R is true

Assertion & Reason Questions

1.Assertion (A): Social Science helps us understand society and human behaviour.

Reason (R): Social Science studies relationships, institutions, and social life.

2.Assertion (A): Geography studies only maps and directions.

Reason (R): Geography also studies climate, resources, and human activities.

3.Assertion (A): Inclusivity means giving equal respect and opportunities to all people.

Reason (R): Inclusivity removes barriers caused by discrimination and inequality.

4.Assertion (A): Democracy is called the government of the people.

Reason (R): In democracy, rulers are elected by the citizens.

5.Assertion (A): Universal adult franchise means only educated people can vote.

Reason (R): Every adult citizen has the right to vote regardless of caste, religion, or gender.

6.Assertion (A): In a parliamentary democracy, the executive is responsible to the legislature.

Reason (R): The Prime Minister and Council of Ministers are answerable to Parliament.

7.Assertion (A): Dictatorship supports freedom of speech and public participation.

Reason (R): In dictatorship, power remains concentrated in one person or a small group.

8.Assertion (A): Scarcity arises because resources are limited while wants are unlimited.

Reason (R): Human wants continue to increase with time.

9.Assertion (A): Opportunity cost is the value of the next best alternative given up.

Reason (R): Every choice involves sacrificing another option.

10.Assertion (A): India follows a mixed economy system.

Reason (R): Both government and private sectors participate in economic activities.

Subject : Information Technology

1.Prepare digital poster or collage to show the role of ICT in daily life OR Make a poster various ICT tools

2. Make a assignment file with Learning Outcome, Objective, Task, Solution of the topic on practical file

A)What is Communication Cycle

B)Role Of ICT In Daily Life

C) What is Self Management? Difference between interests and abilities

D)Interactive White Boards (Smart Board)

E)Use Of Mouse and its Operation

F) Identify different types of keys, draw keyboard and home keys .

G) Draw Your Time table

H) Identify the user interface of a typing tutor, practice typing text in typing tutor software and interpret the results, work in the lesson editor, calculate typing speed, and practice to improve typing using typing tutor software.

Subject: Science

Biology (Chapter: Cell – The Building Blocks of Life)

1. A cell suddenly loses its plasma membrane but all other organelles remain intact.

Predict what will happen to the cell. Give scientific reasons.

2. Desert plants possess large vacuoles in their cells.

Explain how this adaptation helps them survive in extreme conditions.

3. A scientist places a living plant cell in:

i) pure water

ii) concentrated sugar solution

Predict the changes in the cell in both situations with proper reasoning.

4. "Division of labour exists even at the cellular level."

Justify this statement using examples of different cell organelles.

5. Why can't a large organism like an elephant survive with only one giant cell instead of many small cells?

6. Case Study: Sports and Energy

An athlete requires more energy during a race.

Questions:

- Which cell organelle will be highly active?
- Why is it called the powerhouse of the cell?
- Predict what may happen if this organelle becomes defective.

7. If lysosomes burst inside a cell accidentally, what consequences may occur?

How is this process useful in multicellular organisms?

8. A cell has:

- i) no nucleus ii) no membrane-bound organelle iii) genetic material scattered in cytoplasm

Identify the type of cell and justify your answer.

9. Which would survive better under water scarcity:

- i) a cell with large vacuole ii) a cell with very small vacuole

Explain scientifically.

10. Scientists are trying to create artificial cells in laboratories.

What benefits and ethical concerns may arise from this technology?

11. Assertion–Reason Questions

Choose: a) Both A and R are true and R is correct explanation

b) Both A and R are true but R is not correct explanation

c) A is true but R is false

d) A is false but R is true

(i) Assertion (A): Plant cells are more rigid than animal cells.

Reason (R): Plant cells possess a cell wall made of cellulose.

(ii) Assertion (A): Mitochondria are abundant in muscle cells.

Reason (R): Muscle cells require large amounts of energy.

(iii) Assertion (A): Diffusion occurs faster in gases than liquids.

Reason (R): Gas particles move freely at higher speed.

12. Case Study: Food Preservation

A shopkeeper preserves mango pickle using excess salt and oil.

Questions:

- How does salt affect microbial cells?
- Which cellular process is involved?
- Why do microbes fail to grow in such conditions?

13. Why are mitochondria and chloroplast called semi-autonomous organelles?

14. Draw labelled diagrams of all cell organelles with their functions.

15. Why red blood cells lack nucleus in humans?

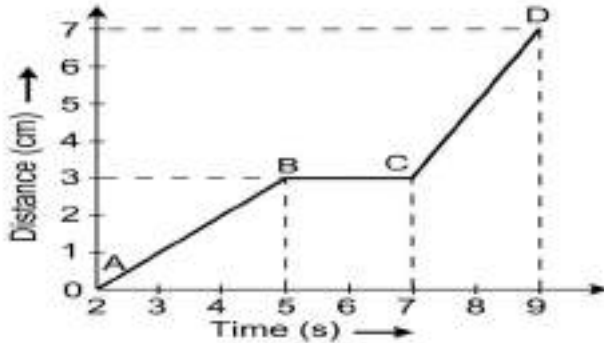
Chemistry (Chapter: Exploring Mixtures and their Separation)

1. A student mixes sugar and sand in water. Suggest a sequence of separation methods to obtain pure sugar and pure sand separately. Explain why each method is used.
2. Two transparent liquids look exactly the same. One is pure water and the other is a salt solution. Without tasting them, how can you identify each? Explain the scientific principle involved.
3. Why is crystallisation considered a better method than evaporation for obtaining pure solids? Explain using an example from daily life.
4. A mixture contains iron filings, sand and camphor. Design a stepwise method to separate all three substances and justify the order of separation.
5. During summer, more sugar dissolves in hot milk than in cold milk. Explain this observation using the concept of solubility and particle motion.
6. A chemist wants to separate acetone and water from their mixture. Why is distillation suitable for this purpose? What property of liquids is used here?
7. Explain why colloids show the Tyndall effect while true solutions do not. Relate your answer to particle size.
8. Why suspensions are considered unstable mixtures while colloids are stable? Compare their particle behaviour.
9. Sea water contains dissolved salts, sand particles and microorganisms. Design a process to obtain clean drinking water as well as salt from it.
10. Blood is called a colloid. Predict what would happen if blood behaved like a suspension instead of a colloid inside the human body.
11. A student dissolves 25 g of common salt in 175 g of water. Calculate the mass by mass percentage (% m/m) of the solution.
12. A sugar solution contains 15 g of sugar dissolved in 300 mL of solution. Calculate the mass by volume percentage (% m/v) of the solution.
13. A mixture contains 40 mL alcohol and 160 mL water. Calculate the volume by volume percentage (% v/v) of alcohol in the mixture.
14. The solubility of potassium nitrate at 40°C is 62 g per 100 g of water. Find the maximum amount of potassium nitrate that can dissolve in 250 g of water at 40°C.
15. Student A dissolves 20 g sugar in 80 g water, while Student B dissolves 35 g sugar in 140 g water. Calculate the mass percentage of both solutions and identify which solution is more concentrated.

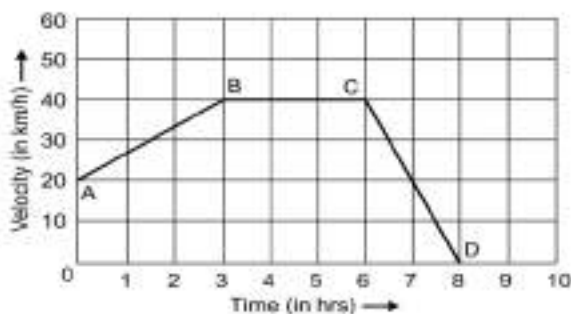
Physics (Chapter: Describing Motion around us)

1. Arrange the following speeds in increasing order (keeping the least speed first) :
 - a.) An athlete running with a speed of 10 m/s.
 - b.) A bicycle moving with a speed of 200 m/min.
 - c.) A scooter moving with a speed of 30 km/h.
2. (a) Write the formula for acceleration. Give the meaning of each symbol which occurs in it.

- (b) A train starting from Railway Station attains a speed of 21 m/s in one minute. Find its acceleration.
- What do the following measure in a car? (a) speedometer (b) Odometer
 - (a) What is the difference between 'distance travelled' by a body and its 'displacement'? Explain with the help of a diagram.
(b) An ant travels a distance of 8 cm from P to Q and then moves a distance of 6 cm at right angles to PQ. Find its resultant displacement.
 - A train travels the first 15 km at a uniform speed of 30 km/h; the next 75 km at a uniform speed of 50 km/h; and the last 10 km at a uniform speed of 20 km/h. Calculate the average speed for the entire train journey.
 - The distance between Delhi and Agra is 200 km. A train travels the first 100 km at a speed of 50 km/h. How fast must the train travel the next 100 km, so as to average 70 km/h for the whole journey?
 - (a) What is meant by the term 'acceleration'? State the SI unit of acceleration.
(b) Define the term 'uniform acceleration'. Give one example of a uniformly accelerated motion.
 - The graph given alongside shows the positions of a body at different times. Calculate the speed of the body as it moves from:
 - A to B,
 - B to C, and
 - C to D.

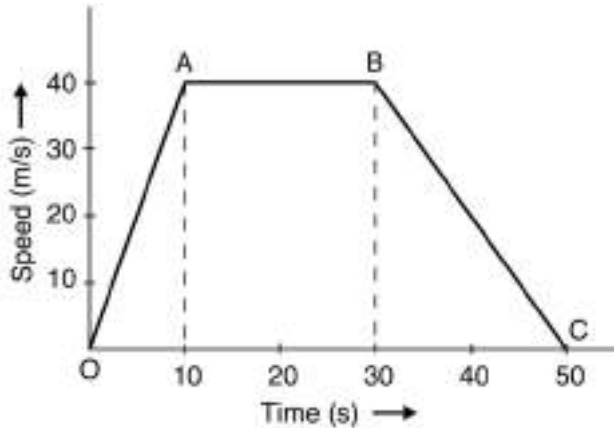


- Given alongside is the velocity-time graph for a moving body :
Find : (i) Velocity of the body at point C.
(ii) Acceleration acting on the body between A and B.
(iii) Acceleration acting on the body between B and C.



10. Study the speed-time graph of a car given alongside and answer the following questions:

- (i) What type of motion is represented by OA?
- (ii) What type of motion is represented by AB?
- (iii) What type of motion is represented by BC?
- (iv) What is the acceleration of car from O to A?
- (v) What is the acceleration of car from A to B?
- (vi) What is the retardation of car from B to C?



11. Show by means of graphical method that:

$$v = u + at$$
$$s = ut + \frac{1}{2}at^2$$
$$v^2 - u^2 = 2as$$

where the symbols have their usual meanings.

12. A cheetah starts from rest, and accelerates at 2 m/s² for 10 seconds. Calculate:

- (a) the final velocity
- (b) the distance travelled.

13. A motorcycle moving with a speed of 5 m/s is subjected to an acceleration of 0.2 m/s². Calculate the speed of the motorcycle after 10 seconds, and the distance travelled in this time.

14. A bus running at a speed of 18 km/h is stopped in 2.5 seconds by applying brakes. Calculate the retardation produced.

15. A body is moving uniformly in a straight line with a velocity of 5 m/s. Find graphically the distance covered by it in 5 seconds.

Subject: PAT

Chart work:

Make a chart on the following topic

Use sketches, glitters and make the chart creative

- **Split chart: Proteins, Carbs, Fats vs Vitamins, Minerals**
- **Add pictures of foods rich in each + daily requirement for teens** 📷

A4 sheet:

Make a poster for National sports day which is to be held on 29 august

Also mention the person to whom it is honoured (Major Dhyan Chand)

Use pictures also

You can also draw to make it more attractive

File work:

Make a file on difference between software and hardware

Differentiate between them using factors like

Name purpose

Also paste pictures

(File should consist of at least 5page)

1. ਜਨਮ ਦਿਨ ਕਹਾਣੀ

ਕਹਾਣੀ 'ਜਨਮ ਦਿਨ' 'ਤੇ ਆਧਾਰਿਤ ਕੁਝ ਮਹੱਤਵਪੂਰਨ ਯੋਗਤਾ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Competency-Based Questions) ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਹਨ। ਇਹ ਪ੍ਰਸ਼ਨ ਰਟਾ-ਰਟਾਇਆ ਜਵਾਬ ਲੱਭਣ ਦੀ ਬਜਾਏ ਵਿਦਿਆਰਥੀ ਦੀ ਸੋਚਣ ਸ਼ਕਤੀ, ਕਹਾਣੀ ਦੇ ਡੂੰਘੇ ਅਰਥਾਂ ਦੀ ਸਮਝ ਅਤੇ ਅਸਲ ਜ਼ਿੰਦਗੀ ਨਾਲ ਉਸਦੇ ਸਬੰਧ ਨੂੰ ਪਰਖਣ ਲਈ ਤਿਆਰ ਕੀਤੇ ਗਏ ਹਨ:

ਉੱਚ-ਪੱਧਰੀ ਸੋਚ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (Higher-Order Thinking - HOTS)

1. ਪ੍ਰਸ਼ਨ: ਕਹਾਣੀ ਵਿੱਚ ਮਾਪਿਆਂ ਦੀ 'ਆਰਥਿਕ ਬੇਵੱਸੀ' ਵਿਚਕਾਰ ਜੇ ਟਕਰਾਅ ਦਿਖਾਇਆ ਗਿਆ ਹੈ, ਉਹ ਅੱਜ ਦੇ ਦੌਰ ਵਿੱਚ ਵੀ ਕਿੰਨਾ ਪ੍ਰਾਸੰਗਿਕ (Relevant) ਹੈ? ਉਦਾਹਰਨ ਸਹਿਤ ਸਪਸ਼ਟ ਕਰੋ।
2. ਪ੍ਰਸ਼ਨ: 'ਜੁਗਲ ਪ੍ਰਸਾਦ ਇਮਾਨਦਾਰ ਹੈ, ਪਰ ਉਸਦੀ ਇਮਾਨਦਾਰੀ ਹੀ ਉਸਦੀ ਆਰਥਿਕ ਤੰਗੀ ਦਾ ਕਾਰਨ ਬਣਦੀ ਹੈ।' ਜੇਕਰ ਤੁਸੀਂ ਜੁਗਲ ਪ੍ਰਸਾਦ ਦੀ ਜਗ੍ਹਾ ਹੁੰਦੇ, ਤਾਂ ਕੀ ਕਰਦੇ? ਆਪਣੇ ਵਿਚਾਰ ਪੇਸ਼ ਕਰੋ।

ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਪ੍ਰਸ਼ਨ (Analytical Questions)

3. ਪ੍ਰਸ਼ਨ: ਕਹਾਣੀ ਦੇ ਅੰਤ ਵਿੱਚ ਜੁਗਲ ਪ੍ਰਸਾਦ ਦੇ ਮਨ ਵਿੱਚ ਪੈਦਾ ਹੋਇਆ ਗੁੱਸਾ ਅਤੇ ਬੇਵੱਸੀ, ਕੀ ਸਿਰਫ ਉਸਦੀ ਗਰੀਬੀ ਕਰਕੇ ਹੈ ਜਾਂ ਸਮਾਜਿਕ ਪ੍ਰਬੰਧ ਦੀ ਨਾਕਾਮੀ ਕਰਕੇ? ਤਰਕ ਸਹਿਤ ਉੱਤਰ ਦਿਓ।

ਮੁੱਲ-ਆਧਾਰਿਤ ਅਤੇ ਵਿਵਹਾਰਕ ਪ੍ਰਸ਼ਨ (Value-Based & Practical Questions)

4. ਪ੍ਰਸ਼ਨ: 'ਅੱਜ-ਕੱਲ੍ਹ ਸਕੂਲ' ਵਿੱਚ ਜਨਮ ਦਿਨਾਂ 'ਤੇ ਮਹਿੰਗੇ ਤੋਹਫ਼ੇ ਜਾਂ ਪਾਰਟੀਆਂ ਦੇਣ ਦਾ ਰੁਝਾਨ ਵਧ ਰਿਹਾ ਹੈ। ਇਸ ਨਾਲ ਗਰੀਬ ਜਾਂ ਮੱਧਵਰਗੀ ਪਰਿਵਾਰਾਂ ਦੇ ਬੱਚਿਆਂ ਦੇ ਮਨ 'ਤੇ ਕੀ ਪ੍ਰਭਾਵ ਪੈਦਾ ਹੋਵੇਗਾ? ਇੱਕ ਜ਼ਿੰਮੇਵਾਰ ਵਿਦਿਆਰਥੀ ਵਜੋਂ ਤੁਸੀਂ ਇਸ ਸਮੱਸਿਆ ਦਾ ਕੀ ਹੱਲ ਸੁਝਾਓਗੇ?

ਕੇਸ ਸਟੱਡੀ / ਸਥਿਤੀ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Situation-Based Questions)

5. ਪ੍ਰਸ਼ਨ: ਮੰਨ ਲਓ ਤੁਸੀਂ ਜੇਤੀ ਦੇ ਜਮਾਤੀ (Classmate) ਹੋ ਅਤੇ ਤੁਹਾਨੂੰ ਪਤਾ ਲੱਗਦਾ ਹੈ ਕਿ ਉਹ ਆਪਣੀ ਆਰਥਿਕ ਹਾਲਤ ਕਰਕੇ ਸਕੂਲ ਵਿੱਚ ਨੀਵਾਂ ਮਹਿਸੂਸ ਕਰ ਰਿਹਾ ਹੈ। ਬਾਲ ਮਨੋਵਿਗਿਆਨ ਨੂੰ ਧਿਆਨ ਵਿੱਚ ਰੱਖਦੇ ਹੋਏ, ਤੁਸੀਂ ਉਸਦਾ ਆਤਮ-ਵਿਸ਼ਵਾਸ ਵਧਾਉਣ ਲਈ ਕੀ ਕਦਮ ਚੁੱਕੋਗੇ?

2. ਵਹਿਮੀ ਤਾਇਆ ਨਿਬੰਧ

ਸੂਝਾ ਸਿੱਖ ਦੁਆਰਾ ਲਿਖੇ ਹਾਸਰਸ ਲੇਖ "ਵਹਿਮੀ ਤਾਇਆ" 'ਤੇ ਆਧਾਰਿਤ ਕੁਝ ਮਹੱਤਵਪੂਰਨ ਯੋਗਤਾ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Competency-Based Questions) ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਹਨ। ਇਹ ਪ੍ਰਸ਼ਨ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਆਲੋਚਨਾਤਮਕ ਸੋਚ (Critical Thinking) ਅਤੇ ਲੇਖ ਦੇ ਫੁੱਧੇ ਵਿਅੰਗ ਨੂੰ ਸਮਝਣ ਦੀ ਸਮਰੱਥਾ ਨੂੰ ਪਰਖਣ ਲਈ ਤਿਆਰ ਕੀਤੇ ਗਏ ਹਨ।

#ਉੱਚ-ਪੱਧਰੀ ਸੋਚ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (Higher-Order Thinking - HOTS)

1. ਪ੍ਰਸ਼ਨ: "ਵਹਿਮ ਮਨੁੱਖ ਦੀ ਮਾਨਸਿਕ ਗੁਲਾਮੀ ਦਾ ਪ੍ਰਤੀਕ ਹਨ।" ਤਾਇਆ ਮਨਸਾ ਰਾਮ ਦੇ ਪਾਤਰ ਨੂੰ ਮੁੱਖ ਚੱਖਦੇ ਹੋਏ ਸਪਸ਼ਟ ਕਰੋ ਕਿ ਵਹਿਮ-ਤਰਮਾਂ ਕਾਰਨ ਬੰਦੇ ਦੀ ਆਪਣੀ ਸੋਚਣ-ਸਮਝਣ ਅਤੇ ਫੈਸਲਾ ਲੈਣ ਦੀ ਆਜ਼ਾਦੀ ਕਿਸ ਤਰ੍ਹਾਂ ਖਤਮ ਹੋ ਜਾਂਦੀ ਹੈ?

2. ਪ੍ਰਸ਼ਨ: ਲੇਖ ਵਿੱਚ ਦਿਖਾਇਆ ਗਿਆ ਹੈ ਕਿ ਤਾਇਆ ਦੂਜਿਆਂ ਦੀਆਂ ਬਿਮਾਰੀਆਂ ਦੇ ਲੱਛਣ ਆਪਣੇ ਅੰਦਰ ਮਹਿਸੂਸ ਕਰਨ ਲੱਗ ਪੈਂਦਾ ਹੈ। ਅਜੋਕੇ ਸੋਸ਼ਲ ਮੀਡੀਆ ਅਤੇ ਇੰਟਰਨੈੱਟ ਦੇ ਦੌਰ ਵਿੱਚ, ਜਿੱਥੇ ਲੋਕ ਗੂਗਲ (Google) 'ਤੇ ਲੱਛਣ ਪੜ੍ਹ ਕੇ ਖੁਦ ਨੂੰ ਬਿਮਾਰ ਮੰਨ ਲੈਂਦੇ ਹਨ, ਇਹ ਲੇਖ ਕਿਵੇਂ ਪ੍ਰਸੰਗਿਕ (Relevant) ਪ੍ਰਤੀਤ ਹੁੰਦਾ ਹੈ? ਵਿਸਲੇਸ਼ਣ ਕਰੋ।

ਵਿਸਲੇਸ਼ਣਾਤਮਕ ਪ੍ਰਸ਼ਨ (Analytical Questions)

3. ਪ੍ਰਸ਼ਨ: ਤਾਏ ਦੇ ਵਹਿਮਾਂ ਦਾ ਅਸਰ ਸਿਰਫ ਉਸਦੀ ਆਪਣੀ ਜ਼ਿੰਦਗੀ 'ਤੇ ਨਹੀਂ, ਬਲਕਿ ਉਸਦੇ ਪਰਿਵਾਰ ਅਤੇ ਆਸ-ਪਾਸ ਦੇ ਲੋਕਾਂ 'ਤੇ ਵੀ ਪੈਂਦਾ ਹੈ। ਲੇਖ ਵਿੱਚੋਂ ਉਦਾਹਰਨਾਂ ਦੇ ਕੇ ਸਪਸ਼ਟ ਕਰੋ ਕਿ ਇੱਕ ਵਿਅਕਤੀ ਦਾ ਅੰਧਵਿਸ਼ਵਾਸ ਪੂਰੇ ਸਮਾਜ ਨੂੰ ਕਿਸ ਤਰ੍ਹਾਂ ਪ੍ਰਭਾਵਿਤ ਕਰਦਾ ਹੈ?

ਮੁੱਲ-ਆਧਾਰਿਤ ਅਤੇ ਵਿਵਹਾਰਕ ਪ੍ਰਸ਼ਨ (Value-Based & Practical Questions)

4. ਪ੍ਰਸ਼ਨ: ਤਾਇਆ ਮਨਸਾ ਰਾਮ ਸੁਭਾਅ ਪੱਖੋਂ ਬੁਰਾ ਇਨਸਾਨ ਨਹੀਂ ਹੈ, ਉਹ ਸਿਰਫ ਆਪਣੀ ਮਾਨਸਿਕਤਾ ਦਾ ਸ਼ਿਕਾਰ ਹੈ। ਅਜਿਹੇ ਵਹਿਮੀ ਲੋਕਾਂ ਪ੍ਰਤੀ ਸਾਡਾ ਰਵੱਈਆ ਨਿਰਧਾਰਤ ਜਾਂ ਮਜ਼ਾਕ ਉਡਾਉਣ ਵਾਲਾ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ ਜਾਂ ਹਮਦਰਦੀ ਵਾਲਾ? ਆਪਣੇ ਵਿਚਾਰ ਪੇਸ਼ ਕਰੋ।

ਕੋਸ ਸਟੋਰੀ / ਸਥਿਤੀ-ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (Situation-Based Questions)

5. ਪ੍ਰਸ਼ਨ: ਮੰਨ ਲਓ ਤੁਸੀਂ ਇੱਕ ਸਕੂਲ ਦੇ ਵਿਗਿਆਨ ਕਲੱਬ (Science Club) ਦੇ ਪ੍ਰਧਾਨ ਹੋ ਅਤੇ ਤੁਹਾਡੇ ਪਿੰਡ/ਸ਼ਹਿਰ ਵਿੱਚ ਲੋਕ ਵਹਿਮ-ਤਰਮਾਂ ਅਤੇ ਛੂਤ-ਛਾਤ ਦੇ ਅੰਧਵਿਸ਼ਵਾਸ ਵਿੱਚ ਬਹੁਤ ਫਸੇ ਹੋਏ ਹਨ। 'ਵਹਿਮੀ ਤਾਇਆ' ਲੇਖ ਤੋਂ ਸਿੱਖਿਆ ਲੈਂਦੇ ਹੋਏ, ਤੁਸੀਂ ਲੋਕਾਂ ਨੂੰ ਜਾਗਰੂਕ ਕਰਨ ਲਈ ਕਿਸ ਤਰ੍ਹਾਂ ਦੀ ਮੁਹਿੰਮ ਜਾਂ ਨੁੱਕਤ ਨਾਟਕ ਦਾ ਆਯੋਜਨ ਕਰੋਗੇ?

ग्रीष्मकालीन अवकाश गृहकार्य

विषय : हिंदी

कक्षा : 9वीं

योग्यता-आधारित प्रश्न

उत्तर हेतु अनुमानित शब्द संख्या :

प्रश्न संख्या 1-6 (50-60 शब्द) | प्रश्न संख्या 9-10 (100-120 शब्द)



1

स्वतंत्रता सहज में नहीं मिलती, उसके लिए बार-बार संघर्ष करना पड़ता है। 'दो बैलों की कथा' के इस केंद्रीय भाव को हीरा और मोती के संपर्कों के आलोक में स्पष्ट कीजिए तथा बताइए कि आज के दौर में एक जागरूक नागरिक के लिए स्वतंत्रता के क्या मायने होने चाहिए?

2

समाज में 'सीधेपन' और 'सहनशीलता' को अक्सर बेकफूफी का पर्याय मान लिया जाता है। प्रेमचंद ने गधे और बैलों के माध्यम से इस रूढ़िवादी सोच पर किस प्रकार प्रहार किया है? क्या आप मानते हैं कि आज के प्रतिस्पर्धी (Competitive) युग में अत्यधिक सीधेपन एक कमजोरी है? तर्कसहित उत्तर दीजिए।

3

'प्रभु जी तुम चंदन हम पानी' और 'जैसे चितवत चंद चकोरा'—इन पंक्तियों के आधार पर स्पष्ट कीजिए कि रैदास की भक्ति में 'अहंकार का विसर्जन' (Surrender of Ego) क्यों अनिवार्य माना गया है? व्यावहारिक जीवन में अहंकार मुक्त होने से व्यक्ति के व्यक्तित्व में क्या सकारात्मक बदलाव आते हैं?

4

संत रैदास ने अपने पदों में किसी बाहरी कर्मकांड, तीर्थयात्रा या दिखावे का समर्थन नहीं किया, बल्कि मन की पवित्रता ('मन चंगा तो कटौती में गंगा') पर बल दिया है। आज के समय में जहाँ धर्म और आध्यात्मिकता के नाम पर दिखावा और बाजारीकरण बढ़ गया है, रैदास की यह 'आंतरिक भक्ति' और सहज जीवन-शैली युवा पीढ़ी को किस प्रकार एक सही और नैतिक मार्ग दिखा सकती है?

5

विपरीत परिस्थितियों में 'क्रोध' और 'धैर्य' के प्रभाव की तुलना कीजिए। 'राम-लक्ष्मण-परशुराम संवाद' पाठ के आधार पर स्पष्ट कीजिए कि जहाँ एक ओर लक्ष्मण के व्यंग्य और परशुराम का क्रोध स्थिति को बिगाड़ते हैं, वहीं श्री राम का व्यवहार 'संकट प्रबंधन' (Crisis Management) का उत्कृष्ट उदाहरण है। अपने जीवन की किसी घटना से जोड़ते हुए इसका उत्तर लिखिए।

6

'दो बैलों की कथा' के 'हीरा' और 'राम-लक्ष्मण-परशुराम संवाद' के 'श्री राम' के चरित्र में एक महती समानता दिखाई देती है—दोनों ही मर्यादा, नीति और धैर्य के पक्षधर हैं। इसके विपरीत 'मोती' और 'लक्ष्मण' अन्याय के खिलाफ तुरंत उग्र प्रतिक्रिया देते हैं। आपके विचार से समाज को सुचारु रूप से चलाने के लिए इन दोनों प्रवृत्तियों (धैर्य और तात्कालिक विरोध) में से किसकी आवश्यकता अधिक है? संतुलित विचार प्रस्तुत कीजिए। (अंत-विषयी एवं तुलनात्मक प्रश्न)

7-8

रचनात्मक गतिविधि



"संवादहीन" तथा "ऐसी भी बातें होती हैं (लता मंगेशकर से साक्षात्कार)"

अध्यायों के लिए A-4 शीट पर उसका रंगीन अवधारणा नक्शा (Concept Map) बनाइए। आपके नक्शे में पाठ के मुख्य पात्र, उनका स्वभाव, मुख्य घटनाएँ और पाठ से मिलने वाली सीख स्पष्ट रूप से दिखनी चाहिए।



9

विषय (पर्यावरण और हमारी जीवनशैली):

"प्रकृति हमें सब कुछ देती है, लेकिन मानव अपनी सुख-सुविधाओं के लिए उसका अंधाधुंध दोहन कर रहा है। प्रकृति के प्रति हमारी इस संवेदनहीनता के क्या परिणाम हो सकते हैं और एक छात्र के रूप में आप पर्यावरण संरक्षण में क्या योगदान दे सकते हैं?"



10

विषय (इंटरनेट और एकाकीपन):

"इंटरनेट ने दुनिया को करीब तो ला दिया है, लेकिन इसने इंसानों के बीच की वास्तविक बातचीत को कम कर दिया है। 'आभासी मित्र (Virtual Friends)' बनाम वास्तविक मित्र के संदर्भ में आज के युवाओं में बढ़ते अकेलेपन पर एक तार्किक अनुसंधान लिखिए।"



विरोध निर्देश

- सभी प्रश्नों के उत्तर निर्धारित शब्द सीमा में लिखिए।
- उत्तर अपने विचारों के आधार पर लिखें।
- लेखन साफ, सुंदर एवं व्यवस्थित होना चाहिए।
- रचनात्मक कार्य रचना एवं आलोचक का होना चाहिए।
- आभासकालानुसार चित्र, चार्ट एवं सारकाल का प्रयोग करें।

इकाई परीक्षा (Periodic Test) हेतु दिए गए पाठ्यक्रम की निर्दिष्ट योजनाई करें।

