1. ENGLISH

Make a journal of A 4 size sheets which will include the following things:

1. A TRAVEL BROCHURE

Do research on FAMOUS ARCHITECTURAL STRUCTURES-(any 2) monasteries/temples) of Sikkim. Prepare a travel brochure describing them. You can use the following guidelines to make your brochure informative and attractive (with pictures).

Name of the temple/monastery

1) Location
2) How to get there
3) Architectural details
4) Historical background 6) Best time to visit

2. MOVIE REVIEW: -

Watch the movie "Inside Out".

a) Write the synopsis of the movie.

b) Describe all the five emotions shown in the movie-joy, sadness, anger, disgust and fear.

Name of the character (emotion) Physical appearance.

Role played by the character in the movie.

c) Which is your favorite character and why?

3.PORTFOLIO:

PREPARE A PORTFOLIO WITH THE FOLLOWING -

Introduction

*   My strengths
*   I need to improve on...
*   My achievements
*   I have participated in... * The books I have read The book I wish to read

2. HINDI

1. भक्तिकालीन कवियों का कोलाज बनाइए और उनमें से चार प्रमुख कवियों की रचनाएं भी लिखिए।

2. मध्य प्रदेश और बिहार राज्य के लघु उद्योगों की सचित्र जानकारी एकत्रित कर, कला समेकित परियोजना (**project**) बनाइए।

गृहकार्य कार्यपुस्तिका में कीजिए।

3.SANSKRIT

1. भारतस्य कोऽपि द्वे दर्शनीय स्थलविषयोः उत्तरपुस्तिकयाम् पञ्च वाक्यानि लिखतु।
2. अस्मद् युष्मद् किम् च शब्दरूपाणि सुसज्जितकृत्वा उत्तरपुस्तिकयाम् लिखत।

4. MATHEMATICS –

(Do in the **notebook)**

Refer to the image below.

Q-1. CASE STUDY

To judge the preparation of student's class IX on topic " Number System" Mathematics teachers write two numbers on black board (as shown in figure), and asks some questions about the members, which are following, then answer the question:

i.   Write the decimal form of 2/11?
ii.   Write the p/q form of 0.38?
iii.   Write the decimal expansion of 2/11?

Q-2. CASE STUDY

On one day, principal of a particular school visited the classroom. Class teacher was teaching the

concept of polynomial to students. He was very much impressed by her way of teaching. To check, whether the students also understand the concept taught by her or not, he asked various

questions to students. Some of them are given below. Answer them.

I. The number of zeroes of the polynomial $x2 + 4x + 2$ is _____

ii. The polynomial of the type $ax2 + box + c$, a = 0 is called _____

iii. If x + 2 is the factor of $x3 – 2ax2 + 16$, then value of a is _____

Q.3 VALUE BASED QUESTIONS

seta explain or her friend get about real number. she said real number are number which include both rational and irrational numbers. rational numbers are the number which can be expressed in the form of p/q where p and q are integer and q not equal to 0. irrational numbers are the numbers which cannot be expressed as a ratio of 2 integers. on the basis of explanation, she asks the following question to her

1 is ever rational number is a whole number? (say yes or no)

2 wants the product of 2 irrational numbers?

3 how many rational number lies between the 2 given rational numbers

4 what value of seta is depicted here?

q.4 value based

where can we use polynomial in real life?

Q.5 WRITE THE FRIST FIVE PARCTICALS IN YOUR MATHEMATICS LAB MANUAL.

5. SCIENCE

(In notebook)

1. BIOLOGY

Objective: To understand the structure and function of cells.

Instructions:

Labeling the Parts: Label the parts of the cell using the word bank below.

Matching: Match the cell organelle with its function.

Short Answer: Answer the following questions about cells.

Word Bank:

Cell Membrane

Nucleus

Cytoplasm

Mitochondria

Vacuole

Cell Wall

Chloroplast Questions:

1. What is the function of the cell membrane?

2. Which organelle is known as powerhouse of the cell?

3. What is its function?

4. What is the function of the nucleus?

5. Where is the genetic material (DNA) found in a cell?

6. Describe the function of chloroplasts in plant cells

2. PHYSICS

Case Based Question

(1) Distance and displacement are two quantities that seem to mean the same but are different with different meanings and definitions. Distance is the measure of "how much distance an object has covered during its motion" while displacement refers to the measure of "how far the abject actually from initial place." using this data answer following questions.

(i)Which of the following relation is always true when object moves in straight line

(a)distance is always equal to displacement

(b)distance is always greater than or equal to displacement

(c)distance is always lesser than or equal to displacement (d)none of the above

(ii) Kapil travels 20 km to North but then come back to South for 40 km to pick up a friend. What is Kapil's total distance?
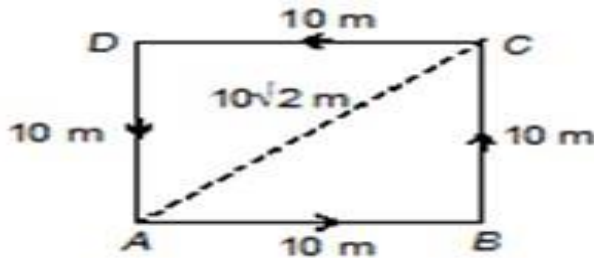
(a) 60km(b) 80km(c) 20km(d) none of the above

(iii) Rahul travels 20 km to East but then come back to West for 10 km. Find displacement.

(a) 30km(b) 20km(c) 10km**(d)** none of the above **(iv) Define distance and displacement of particle. (v) Write difference between distance and displacement**

 Case Based Question 2.

Answer the following questions by observing following diagram

(i)What is distance and displacement when particle moves from point A to B?

(a)distance is equal to displacement

(b)distance is greater than and equal to displacement

(c)distance is lesser than and equal to displacement

(d)none of the above

(ii)What is Displacement when particle moves from point A to D?

(a) 15km(b) 20km(c) 10km(d) none

(iii) What is Displacement when particle moves from point A to C through A-BC?

(a) 10km

(b) 20km

(c) 10√2 km

(d) none of the above

(iv) Find distance covered when particle moves in path ABCDA i.e. starts from A and ends at A?

(a) 10km(b) 0km(c) 40 km(d) none of the above

(v) Find Displacement covered when particle moves in path ABCDA i.e. starts from A and ends at A? (a) 10km(b) 0km(c) 40 km(d) none of the above
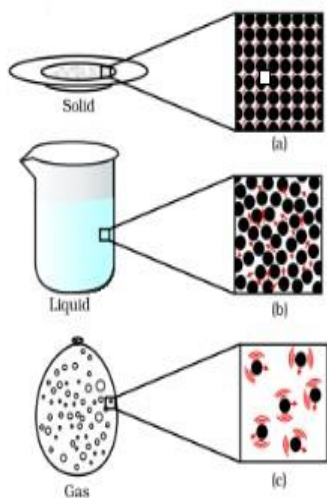
Value Based Questions

Ques1. The brakes applied to a car produce an acceleration of 4 ms^{-2} in the opposite direction to the motion. If the car takes a time of 3s to stop after the application of brakes, calculate the distance it travels during this time so that he can save the life..

Ques 3 Ramesh has to save the life a women standing just nearer to a man who throws a stone vertically upwardly with a velocity of 5 ms⁻¹. If the acceleration of the stone during its motion is 12 m s⁻² in the downward direction, what will be the height attained by the stone and how much time will it take to reach earth in between he is able save that women.

3. CHEMISTRY

Gases are highly compressible as compared to solids and d
petroleum gas (LPG) der that we get in our home for cooking or the
supplied to hospitals in cylinders is compressed gas. Compressed natural gas (CNG)
is used as fuel these days in vehicles The liquid takes up the shape of the
in which are Liquids flow and change shape, so they are not rigid but can
be called Solids and liquids can diffuse into liquids The aquatic
breathe The rate of diffusion of liquids is greater than

1. Why compressed natural gas (CNG) is used as fuel these days in vehicles?
    1.   due to its high compressibility
    2.   large volumes of a gas can be compressed into a small
    cylinder 3. transported easily   4.all of these

2. Liquids have no fixed _____ but have a fixed_____ .
    1. shape, volume   2 volume, shape   3 shape, size   4 size, shape

3. The aquatic animals can breathe underwater due to
    1. the presence of dissolved carbon dioxide in water
    2. the presence of dissolved oxygen in the water
    3. the presence of dissolved Nitrogen in the water   4 all of these

4. The rate of diffusion of liquids is greater than solid due to
    1. liquid particles move freely 2.liquid have greater space between each
    other
    3. Both (a) and (b)   4.none of these

5. The property of flow is unique to fluids. Which one of the following
    statements is correct?

2. Gases and liquids behave like fluids   4 Only liquids are fluids

*Complete 2 practical's in your file as assigned.

6. SOCIAL STUDIES -

(Do in the **notebook)**
1. CIVICS

Case Study Based Questions

Q:1 Read the passage and answer the given questions:

In Pakistan, General Pervez Musharraf led a military coup in October 1999. He overthrew a democratically elected government and declared himself the 'Chief Executive' of the country. Later, he changed his designation to President and in 2002 held a referendum in the country that granted him a five year extension. Pakistani media, human rights organisations and democracy activists said that the referendum was based on malpractices and fraud. In August, 2002 he issued a 'Legal Framework Order' that amended the Constitution of Pakistan. According to this Order, the President can dismiss the national and provincial assemblies. The work of the civilian cabinet is supervised by a National Security Council which is dominated by military officers. After passing this law, elections were held to the national and provincial assemblies. So, Pakistan has had elections, elected representatives have some powers. But the final power rested with military officers and General Musharraf himself.

1. Who said that the referendum held in 2002 was based on malpractices and fraud? 2. What was the motive towards issuing a 'Legal Framework Order' in August 2002?
3. What were the amendments made in the Constitution of Pakistan under Legal Framework Order?

Q:2 The politics of Saudi Arabia takes place in the context of a totalitarian, absolute monarchy with Islamist lines, where the King is both the head of state and government. Decisions are, to a large extent, made on the basis of consultation among the senior princes of the royal family and the religious establishment. The Qur'an is declared to be the constitution of the country, which is governed on the basis of Islamic law (Shari'a). The Allegiance Council is responsible to determine the new King and the new Crown Prince. All citizens of full age have a right to attend, meet, and petition the king directly through the traditional tribal meeting known as the majlis. The government is dominated by the vast royal family, the Al Saud, which has often been divided by internal disputes and into factions. The members of the family are the principal political actors allowed by the

government. Political participation outside the royal family is limited. Saudi Arabia is one of only two countries (the other being Vatican City) that does not have a separate legislative body. Saudi Arabia is an absolute monarchy, although, according to the Basic Law of Saudi Arabia adopted by royal decree in 1992, The king must comply with Sharia (that is, Islamic law) and the Qur'an. The Qur'an and the Sunnah are declared to be the country's constitution. There is no legally binding written constitution and the Qur'an and the Sunna remain subject to interpretation. This is carried out by the ulama, the Saudi religious establishment.

Answer the following questions by choosing the correct option

1. The term 'Totalitarian' means: ⍰ The government that attempts to assert total control over the lives of its citizens.
   • The government that attempts to assert no control over the lives of its citizens. ⍰ The citizens that attempts to assert total control over government.

2. In absolute monarchy,
   • A king or queen holds absolute power. ⍰ Only a king holds absolute power.
   • Only a Queen holds absolute power
   • The prime minister holds absolute power.

3. In Saudi Arabia which holy religious book is considered to be the constitution?

   • Old Testament
   • Torah
   • Tanakh
   • Quran
4. In which year women of Saudi Arabia got voting rights?
   • 2013
   • 2011
   • 2010
   • 2017

5. How Democracy enhances the dignity of citizens?
6. Why democracy is more accountable than other type of Governments?
7. ''Democracy leads to political instability''- Explain.
8. How do ideals of democracy remind people to value democracy?

Value Based Questions

1. Discuss the role of empathy and tolerance in fostering a culture of democracy.
2. Reflect on the significance of freedom of speech and expression in a democratic society.

2. HISTORY

Chapter 1 Compile 25 MCQ question with answers on the main events and characters of The French Revolution

3. GEOGRAPHY

Complete Maps on land and location of India and neighbouring countries Prepare 20 MCQ questions with answers on the Chapter1.

7. COMPUTER

Part 1: Case Studies (In notebook)

Case Study 1: E-commerce

Emily is a budding entrepreneur who wants to start an online business selling handmade jewelry. She's unsure about the technical aspects of setting up an ecommerce website and ensuring its security. Analyze the role of Information Technology in enabling e-commerce businesses like Emily's. Discuss the steps Emily needs to take to establish her online store, including website development, payment gateways, and cyber security measures.

Case Study 2: Outsourcing in ITES

ABC Corp, a software development company, decides to outsource its customer support services to a third-party IT-enabled service provider located in a different country. Explore the concept of IT-enabled services (ITES) outsourcing and its benefits for companies like ABC Corp. Evaluate the potential challenges and risks associated with outsourcing customer support and suggest strategies to mitigate them while ensuring quality service delivery.

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Part 2: Practical File Questions

(Make an art integrated practical file using scrapbook, paste the required screenshot of steps followed. The file must include Front page, certificate, and index page)

Practical 1: What do you mean by communication? Explain the different methods of communication.

Practical 2: Explain the communication cycle in a appropriate diagram. Practical 3: Explain the various factors affecting perspective in communication. Cite an appropriate example.

Practical 4: What do you mean by IT? Disuses the use of IT in health care.

Practical 5: Define ITeS. Explain the following term in detail

- ➢ **BPM**
- ➢ **BPO**
- ➢ **Call Center ⬜ LMS.**

8. CREATIVE PROJECT

Theme - "E- Waste"
Topic - "Electronic waste"
Material - use any e waste
FOR EXAMPLE –