Kendriya Vidyalaya AFS Naliya

Holiday Homework 2024-25

CLASS: I

CLASS - I

ENGLISH:-(complete the following home work in your english note book)

1. Learn poem Five little monkey and new words of this poem.

2. Make a chart on action words.

3. Read one page daily from your text book.

4. Write one page daily.

Holiday Homework for Autumn Break (2024-25)
Class I   Maths

- Circle the object **below** the chair and cross the objects **above** the table.

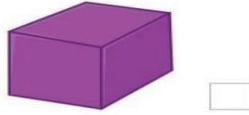- Colour the fruits **inside** the basket.

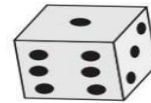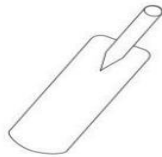- Draw a cap on the head of teddy bear.

Tick (✓) the object which can roll.

Tick (✓) the object which can slide.

Colour object which can roll.

Circle the object which can slide.

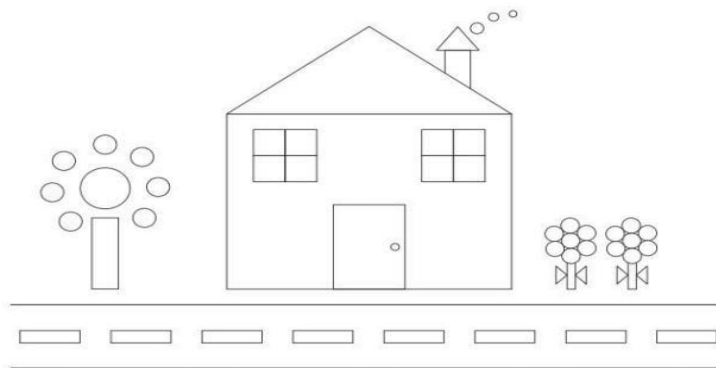# Write down and **learn** _number names_ from **1 to 20**.

1	11
2.	12
3.	13
4.	14
5.	15
6.	16
7.	17
8.	18
9.	19
10.	20

Colour the figures with the help of instructions given in each part.

☐ = Blue, △ = Red, ◯ = Green, ▭ = Yellow

Project work:

- Roll numbers 1 to 5- Prepare a chart showing **Before and After** concept.
- Roll numbers 6 to 10 - Prepare a chart showing **Below and Above** concept.
- Roll numbers 11 to 15 - Prepare a chart showing **Top and Bottom** concept.
- Roll numbers 16 to 20 - Prepare a chart showing **On and Under** concept.
- Roll numbers 21 to 25 - Prepare a chart showing **Inside and Outside** concept.
- Roll numbers 26 to 30 - Prepare a model 3D shapes.
- Roll numbers 31 to 34 - Prepare a chart showing **Rolling objects and sliding objects. (You can paste small models of objects instead of drawing)**
- Roll numbers 35,36 and 37 - Make **flash cards** from **0 to 9**
- Roll numbers 38,39 and 40 - Prepare a chart showing **numbers and number names** in big fonts.
- Roll numbers 41,42 and 43 - Preapare a chart showing combination of 10

KENDRIYA VIDYALAYA AFS Naliya
SUBJECT -EVS   class-1
        Worksheet

CHAPTER NAME-ANIMALS AND THEIR SHELTERS
1.Choose the correct sound of animals from the box.

| mew | quack | bark | moo | roar | bleat |

Cows   _____

Dogs   _____

Lions   _____

Ducks   _____

Cats   _____

Sheep   _____

2. Match the animals with the food they give us and write the names.

3. Fill in the blanks with the correct words:
   A. _____ (birds/fishes) are the animals with the wings.
   B. Bees have_____ (two/six) legs.
   C. _____(monkey/crocodile) can live on land as well as in the water
   D. Birds live in _____(cave/nest).
   E. Monkey lives on _____(tree/water).
4.Write a line from each animal to its home.

5. Match the animals with their young ones.
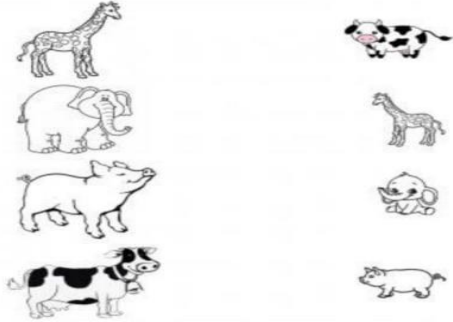
6. Choose the food eaten by each one.

	GRASS	CHOCOLATE	MEAT
	LEAVES	MEAT	APPLE
	FLY	WOOD	CAKES

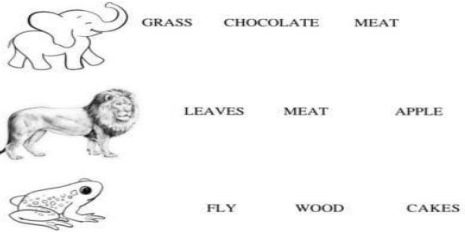केंद्रीय विद्यालय नालिया

शरद कालीन अवकाश   कार्यपत्रक

कक्षा- प्रथम   वर्ग -........   विषय- हिन्दी   पाठ- मिठाई

विद्यार्थी का नाम...............   अनुक्रमांक-........

1.गिलहरी ने गधे को खाने के लिए क्या दिया? सही उत्तर पर ✔ का निशान लगाएं।

क) अमरूद (   )   ख) अनार (   )

ग) आम   (   )   घ) आचार (   )

2.खरगोश ने गधे को क्या खाने को कहा?

उ०..

3.हाथी ने गधे को क्या खाने के लिए दिया ? सही उत्तर पर गोला लगाओ।

क) गन्ना   ख) आम

4.दो मिठाई के नाम लिखिए?

उ०क)...............................   .ख)....................................

5. सही   √ और गलत X का निशान लगाओ -

क) सभी जानवर गधे की सहायता नहीं कर रहें थे। (   )

ख) सभी मिठाई खाने हलवाई के पास गए।   (   )

6.वचन बदलो

क) गाजर-..............   ख) गन्ना ....

7.रिक्त स्थान भरिए

त्यौहार पर हमारे घर पर...............बनती है। (मिठाई / आचार)

8.विलोम लिखिए

क) बड़ा-..............   ख) मिठाई-...................

9.निम्नलिखित वर्णों को जोड़कर शब्द बनाइए।

क) मि +ठा + ई.............

ख) ह+ ल+ वा+ ई.............

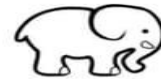10.निम्नलिखित को उनके चित्र से मिलाएं।

क) आम

ख) हाथी

ग) गधा
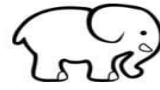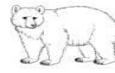
घ) भालू

Note- 1)10 पेज सुलेख भी लिखने है।

        2) इस वर्कशीट को प्रिंट कराके ही करना है।

क) आम

ख) हाथी

ग) गधा

घ) भालू

Note- 1)10 पेज सुलेख भी लिखने है।

2) इस वर्कशीट को प्रिंट कराके ही करना है।

CLASS: II

Holiday Homework for Autumn Break (2024-25)
Class II   Maths

Chapter- 1 A DAY AT THE BEACH
ORDINAL NUMBERS

At what position am I?

a. The tiger is at the _____ position.
b. The zebra is at the _____ position.
c. The elephant is at the _____ position.
d. The giraffe is at the _____ position.
e. The bear and horse are jointly at the _____ position.

Fill in the blanks with position of a letter in the word.

➢ R is the .... letter in TIGER.
➢ A is the .... letter in ELEPHANT.
➢ B is the .... letter in ZEBRA.
➢ R is the .... letter in GIRAFFE.
➢ E is the .... letter in BEAR.
➢ S is the .... letter in HORSE.

Chapter- 2 SHAPES AROUND US (3 D SHAPES)

Circle the shapes which best match the real-life object in the picture.

Cone / Cube / Cylinder	Cone / Sphere / Cylinder	Cylinder / Cone / Cube
Cone / Cube / Cylinder	Sphere / Cube / Cylinder	Cone / Sphere / Cylinder
Cone / Sphere / Cylinder	Cone / Cube / Cylinder	Sphere / Cone / Cube

JUMP WITH ME (Counting on number line)

Look at the pattern how the rabbit is jumping forward
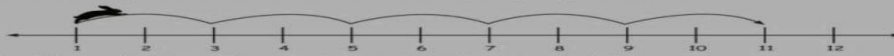
Start from 1, leave the next two numbers and skip

1   3   5   7   9   11

Now Complete the following patterns.

1.
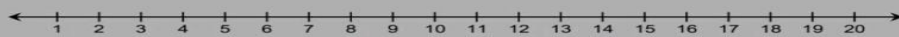
Start from 3, leave the next two numbers and skip

NUMBER WINDOW

On the basis of number grid, write the numbers -
- Above the number
- below the number
- right of the number
- left of the number

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1.   3   23

2.   7   26

3.   24   43

4.   15

5.   37

6.   43

7.   63

8.   9

9.   81
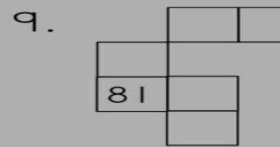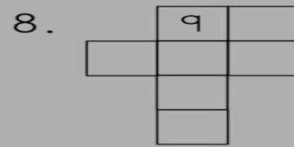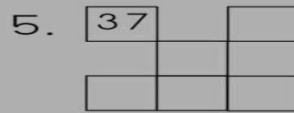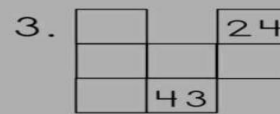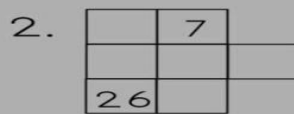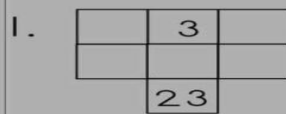
PATTERNS

Observe the given pattern and complete –

1) ⬭ ☆ ⬭ ☆ ⬭ ▢

2) ♡ △ ◡ ♡ △ ▢

3) ⬡ ⬡ ◈ ◈ ⬡ ▢

4) ⬠ ▢ ▢ ⬠ ▢ ▢

5) ✴ ✴ ▽ ✴ ✴ ▢

Find the counting pattern. Write the missing numbers-

5 ◯ ◯ ◯ 25 30 ◯ 40 45 ◯

△ 6 △▽△ 18 21 24 △ 30

31	35		43			59		67

Project work:

- **Roll numbers 1 to 5:** Prepare a model for learning place and place value
- **Roll numbers 6 to 10:** Chart of tables 1, 2 and 3 in big fonts.
- **Roll numbers 11 to 15:** Chart of tables 4, 5 and 6 in big fonts.
- **Roll numbers 16 to 20:** Chart of tables 7, 8,9 and 10 in big fonts.
- **Roll numbers 21 to 25:** Prepare a model showing 3D shapes
- **Roll numbers 26 to 30:** Prepare a model for odd numbers and even numbers.
- **Roll numbers 31 to 35:** Make different patterns on chart using various things likes matchstics, leaves etc
- **Roll numbers 36 to 41:** Make Flash cards for
  1. numbers 0 to 9
  2. Symbols +, -, =, <,>

CLASS- II

HINDI:-(नीचे दिए गए कार्य को अपनी हिंदी विषय की नोट बुक में लिखें)

1. अ से लेकर औ की मात्रा वाले पांच–पांच शब्द लिखो.
2. कविता लिखे और याद करो **"किसान"**.
3. प्रतिदिन साफ़. साफ एक पेज सुलेख लिखो.

EVS :-

1. Make a model of type of houses.

2. Make a toy of your choice from waste material.

Kendriya vidyalaya AFS Naliya

Class-2   worksheet

1 Complete sentences by adding correct words that begins with "pl".

i) My _____ is to do well at school.

ii) My _____ finally has flowers.

iii) May I _____ have more?

iv) The cookies are on the _____

2. Circle the odd one out.

i) lion   giraffe   cow

ii) fly   mosquito   snail

iii) duck   dog   swan

iv) peacock   sparrow   ostrich

3. What does following animals eat?

 Monkey   Rabbit   Mouse   Cow

4. Paste a dry leaf and write the meaning of your parent's name on it.

5. Circle the insects.
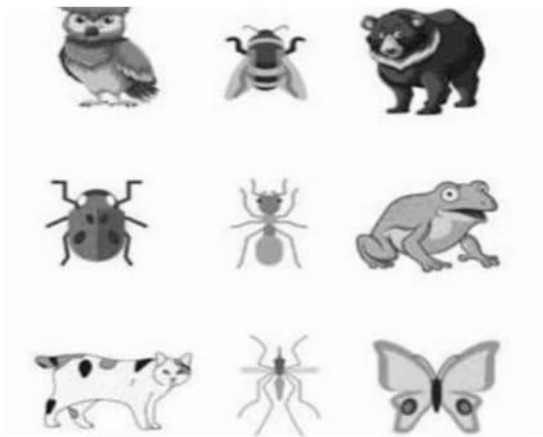
6. Colour the picture and write the insect's name.

_____

7. Match each animal with its habitat.
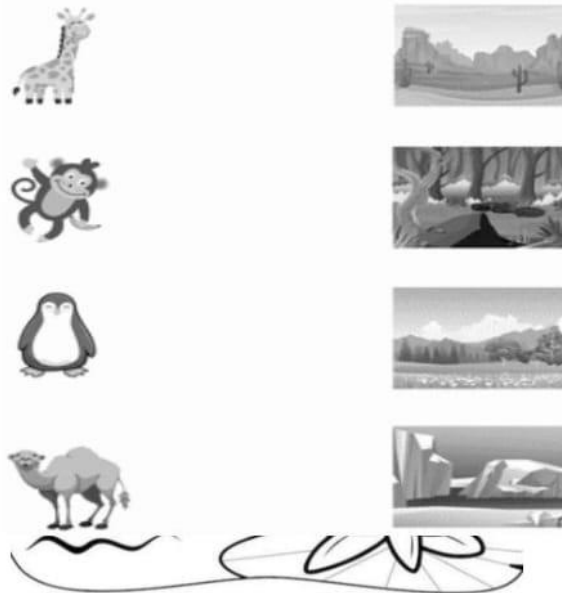
Desert

trees

Forest

CLASS: III

EVS :-

1. Make a model of water cycle.(Roll no. 1-10)

2. Make a model of indoor game .(Roll no. 11-20)

3. Make a model of out door game.(Roll no. 21-30)

4. All students make a thank you card for your grandfather and grandmother.

MATH HOLIDAY HOMEWORK (CLASS 3)

1). Do 10 questions of each
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Number line

2). Math Story Problems

Write three simple math story problems, based on everyday situations (using addition or subtraction). Illustrate each problem.

3). Times Table Games

Create a fun game to practice multiplication tables.

4). Math in Nature

Go on a nature walk and find shapes and patterns in nature. Take pictures and label them.

5). Task: Measure different objects in your home (e.g., books, tables, doors). Create a chart comparing their lengths and widths in centimeters and inches. You can also estimate and then measure to see how close your estimates were.

Objective: Understand measurement and estimation.

ENGLISH III
1.Read one page from your English text book daily.
2.Learn any two poems.
3.Make the cut outs of animals and their young ones. (10 pairs)
4.Make model of sweets or fruits by help of clay or waste material.

KENDRIYA VIDYALAYA AFS NALIYA

AUTUMN BREAK HOME WORK (2024-25)

कक्षा - तीसरी   विषय - हिंदी

1) Orgami- Make two paper bird.(Roll no 1-7)

2) Make puppets of different birds with socks(roll no 8 to 16)

3) Colour ful work book included (6-7) pages,paste grammar related work any(17-23)

4) तीलियो की सहायता से कोई प्रोजेक्ट वर्क तैयार करना है।(Roll no 24-30)

CLASS: IV

EVS (IV)
1) Make a model of vegetables and fruits cart.
2) Make a collage of pictures of different flowers.
3) learn and write all the States of India along with their capitals and official languages.
4) Choose a state of India collect the pictures of people, food, clothes & folk dance related to that state and make a collage.
5) Make model of a bird nest having its young ones or eggs.

AUTUMN BREAK H.W. 2024

CLASS IV MATH.

1. Collect any five household Circular things.

2. Practice drawing circle with the help of a compass.

3. Make three designs using Circles only.

4. Paper craft:

    Make following shapes using paper – CIRCLE, RECTANGLE, SQUARE, TRIANGLE

CLASS: V

AUTUMN BREAK H.W. 2024
CLASS V ENGLISH

1. Write the FIVE each News headlines related to following themes: National, International, Sports and State (Gujarat).

2. Practice reading of the poem - Topsy-Turvy Land and lesson - The Gulliver's Travels.

3. Learn and practice the English pledge.

4. Learn any two English poems. Practice reciting them with proper actions.

हिन्दी(V)

1.एक दिन की बादशाहत तथा चावल की रोटियाँ इन दोनो पाठो का नाटकीयकरण Puppet, मुखौटों की मदद से करके 3-3 मिनट की दो वीडियो बनाकर तैयार करें।
2.समाचार पत्र व कहानियाँ पढे।
3.निम्नलिखित वस्तुओं में से अपनी पसंद अनुसार बनाएं:-
*पाठ 11 चावल की रोटियाँ पाठ में प्रयोग हुए बर्तनों को क्ले(clay) की मदद से बनाए
या
कागज की लुगदी से बनाएँ।
*पाठ 12 (गुरु और चेला) हाट में मिलने वाली सब्जियों व फलों को clay या लुगदी से बनाएं
या
पाठ में आए चरित्र का socks puppet या अन्य प्रकार की कठपुतलियां बनाइए।
*पाठ 14 (बाघ आया उस रात) बाघ का खिलौना बनाएँ।(soft toy or paper toy)

AUTUMN BREAK H.W. 2024

EVS HOLIDAY HOMEWORK (CLASS 5)

1). **Task:** Create a poster on a specific environmental issue (like pollution, deforestation, or water conservation).

Objective: Raise awareness and encourage responsible behavior towards the environment.

2). **Task:** Interview a family member or neighbor about their childhood and any stories they have about nature or environmental changes.

Objective: Connect personal history with environmental awareness.

3). Make a model of the solar system.

4). Draw a chart paper to show the ocean and continents.

MATH HOLIDAY HOMEWORK (CLASS 5)

1). **Do 10 questions of each:**
    1. Factors
    2. Multiples
    3. Patterns
    4. Angles
    5. Factor tree

2). Learn tables 2 to 20

3). Real-Life Math Problems

Task: Create ten real-life word problems that involve addition, subtraction, multiplication, or division.

Example: "If you have 12 apples and give 5 to a friend, how many apples do you have left?"

4). **Math Game Creation**

Task: Create a math game that involves addition or subtraction.

Details:
Write the rules and objectives of the game.

Play it with family members and share your experience.

5). Geometry in Nature

Take pictures of different shapes or patterns found in nature (like leaves, flowers, or rocks) and label the shapes.

CLASS: VI

Sub- English

Class -6AB

1.Write a paragraph on how you have spent your autumn holidays.

2. Draw/paste pictures of 5 meditinal plant qnd write about it's uses.

3. Make a chart of different types of trees found in the desert.

4. Take help from your mother and find out five things from kitchen used for home remedies. Write about it in detail.

पीएम श्री केन्द्रीय विद्यालय क्रमांक 1, वास्को- गोवा

शरद कालीन अवकाश कार्य

कक्षा- छठी   विषय - हिंदी

1.भारत के विभिन्न भागों में फसलों से संबंधित अनेक त्यौहार मनाए जाते हैं। किसी एक त्योहार के विषय में जानकारी एकत्रित कीजिए और संबंधित राज्य को मानचित्र में भी दर्शाइए।

2.सत्रिया और बिहू पाठ में एंजेला को अनु के खिलौने बहुत पसंद आए थे। आप भी अपने घर में उपलब्ध सामग्री की सहायता से कुछ खिलौने,पपैट आदि तैयार कीजिए और एक काल्पनिक कहानी की रचना कीजिए। अवकाश के उपरांत आप अपने खिलौने की सहायता से उस कहानी का कक्षा में प्रदर्शन करेंगे।

3.रचनात्मक लेखन - अगर मुझे टाइम मशीन मिल जाए।

(संकेत बिंदु : यदि आपको टाइम मशीन मिल जाए तो आप कौन से समय में जाना चाहेंगे और क्यों)

सत्र-2 , बहुविषक परियोजना

विषय-संतुलित आहार

●संतुलित आहार के विभिन्न तत्वों के बारे में उदाहरण सहित बताइए और संबंधित चित्र चिपकाइए।

●"संतुलित आहार का महत्व" विषय पर कविता लिखिए।

● आपका मनपसंद पौष्टिक आहार कौन सा है? उसकी सामग्री की सूची बनाइए।

शरदकालीन अवकाश गृहकार्य कक्षा चौथी

प्रश्न 1. १ से १०० तक गिनती लिखिए। (अंको एवं शब्दों में) (यह कार्य टर्म 1 की कॉपी में करना है।)

1	एक	21	इक्कीस	41	इकतालीस	61	इकसठ	81	इक्यासी
2	दो	22	बाइस	42	बयालीस	62	बासठ	82	बयासी
3	तीन	23	तेइस	43	तैतालीस	63	तिरसठ	83	तिरासी
4	चार	24	चौबीस	44	चवालीस	64	चौंसठ	84	चौरासी
5	पांच	25	पच्चीस	45	पैंतालीस	65	पैंसठ	85	पचासी
6	छह	26	छब्बीस	46	छियालिस	66	छियासठ	86	छियासी
7	सात	27	सत्ताइस	47	सैंतालीस	67	सड़सठ	87	सतासी
8	आठ	28	अट्ठाइस	48	अड़तालीस	68	अड़सठ	88	अट्ठासी
9	नौ	29	उनतीस	49	उनचास	69	उनहत्तर	89	नवासी
10	दस	30	तीस	50	पचास	70	सत्तर	90	नब्बे
11	ग्यारह	31	इकतीस	51	इक्यावन	71	इकहत्तर	91	इक्यानवे
12	बारह	32	बत्तीस	52	बावन	72	बहत्तर	92	बानवे
13	तेरह	33	तैंतीस	53	तिरपन	73	तिहत्तर	93	तिरानवे
14	चौदह	34	चौंतीस	54	चौवन	74	चौहत्तर	94	चौरानवे
15	पंद्रह	35	पैंतीस	55	पचपन	75	पचहत्तर	95	पंचानवे
16	सोलह	36	छत्तीस	56	छप्पन	76	छिहत्तर	96	छियानवे
17	सत्रह	37	सैंतीस	57	सत्तावन	77	सतहत्तर	97	सतानवे
18	अठारह	38	अड़तीस	58	अट्ठावन	78	अठहत्तर	98	अट्ठानवे
19	उन्नीस	39	उनतालीस	59	उनसठ	79	उन्नासी	99	निन्यानवे
20	बीस	40	चालीस	60	साठ	80	अस्सी	100	सौ

प्रश्न २. नीचे दिए गए 2 अपठित गद्यांश को पढ़िए, समझिए और उनके नीचे दिए गए प्रश्नों के उत्तर लिखिए।

सूचना: अभिभावक चाहे तो प्रश्न 2 (अपठित गद्यांश) के 4 पेजे प्रिंट निकाल सकते हैं।जो बच्चे प्रश्न 2 टर्म 1 की कॉपी में लिखने वाले हैं वे गद्यांश पढ़कर सिर्फ प्रश्नों के उत्तर लिख सकते हैं ।

हिन्दी पठन पत्रक   **कक्षा : चौथी**

झूठ की सजा

एक बार एक आदमी अपने पालतू बंदर के साथ समुद्री जहाज़ में यात्रा कर रहा था। अचानक तूफान आ जाने के कारण जहाज़ पलटने लगा। सभी लोगों के साथ-साथ वह बंदर भी पानी में कूद गया।

एक डॉलफिन ने उस बंदर को मनुष्य समझकर बचा लिया। डॉलफिन उसे अपनी पीठ पर बैठाकर किनारे की ओर लेकर जा रही थी। ग्रीस देश की सीमा पार करते ही डॉलफिन ने बंदर से पूछा, "क्या तुम एथेंस के रहने वाले हो?"

बंदर ने झूठ बोल दिया, "हाँ।" डॉलफिन ने पूछा, "क्या तुम्हें पिराकस पता है?" बंदर बोला, "हाँ, वह मेरा अच्छा मित्र है।" बंदर ने सोचा कि वह एक व्यक्ति का नाम है जबकि पिराकस एक बंदरगाह है।

डॉलफिन यह सुन समझ गई कि बंदर झूठ बाल रहा है। उसने पानी में डुबकी लगाई और बंदर पानी में डूबकर मर गया।

शिक्षा - झूठ से केवल क्षणिक लाभ हो सकता है; उससे प्राय: भारी नुकसान होता है।

सही विकल्प चुनकर लिखो।

प्र 1. आदमी किसके साथ समुद्री जहाज़ में यात्रा कर रहा था ?

अ) पालतू कुत्ता   ब) पालतू गधा   स) पालतू बंदर

प्र 2. अचानक जहाज़ क्यों पलट गया ?

अ) तूफान के कारण   ब) डॉलफिन के कारण   स) छेद होने से

प्र 3. बंदर को मनुष्य समझकर किसने बचा लिया ?

अ) मछुआरों ने   ब) डॉलफिन ने   स) डाकुओं ने

प्र 4. डॉलफिन ने किस देश की सीमा पार की ?

अ) ग्रीस की   ब) जापान की   स) श्रीलंका की

प्र 5. पिराकस क्या है ?

अ) एक व्यक्ति   ब) एक बंदरगाह   स) एक जानवर

शब्द भंडार –

प्र 6. कहानी में से **वानर** शब्द का **समानार्थी** शब्द क्या होगा ?

अ) पालतू   ब) जहाज़   स) बंदर

प्र 7. कहानी में से **पालतू** शब्द का **विलोम** शब्द पहचानो ।

अ) जंगली   ब) तूफान   स) अचानक

प्र 8. सही शब्द को पहचानो ।

अ) डॉलफिन   ब) डाल्फिन   स) डालफीन

प्र 9. **बंदर** का **स्त्रीलिंग** क्या होगा ?

अ) बंदरों   ब) बदरी   स) बंदरिया

प्र 10. **मित्र** का **बहुवचन** क्या होगा ?

अ) साथी   ब) मित्रों   स) दुश्मन

आशीर्वाद

एक बार राजा के दरबार में राजकवि आए। राजा ने उन्हें प्रणाम किया। राजकवि ने राजा को आशीर्वाद देते हुए कहा, 'आपके शत्रु चिरंजीव हो।' इतना सुनते ही पूरी सभा दंग रह गई। यह विचित्र सा आशीर्वाद सुनकर राजा भी राजकवि से नाराज हो गए, पर उन्होंने अपने क्रोध पर नियंत्रण कर लिया। राजकवि को भी इस बात का भान हो गया ।

उन्होंने तुरंत कहा, महाराज मैंने आपको आशीर्वाद दिया, पर आपने लिया नहीं। राजा ने कहा 'कैसे लू मैं आपका आशीर्वाद?' आप मेरे शत्रुओं को मंगलकामना दे रहे हैं।

इस पर राजकवि ने समझाया, 'राजन! मैंने यह आशीर्वाद देकर आपका हित ही चाहा है। आपके शत्रु जीवित रहेंगे, तो आप में बल, बुद्धि, पराक्रम और सावधानी बनी रहेगी। शत्रु का भय होने पर ही होशियारी आती है। उसके न रहने पर हम निश्चिंत और लापरवाह हो जाते हैं। हे राजन ! मैंने आपके शत्रुओं की नहीं, आपकी ही मंगलकामना की है। राजकवि के आशीर्वाद का मर्म जानकर राजा संतुष्ट हो गए और उनके आशीर्वाद को स्वीकार किया।

शिक्षा - शत्रु का भय होने पर ही होशियारी आती है।

सही विकल्प चुनकर लिखो।

प्र 1. राजा के दरबार में कौन आया ?

अ) राजकवि   ब) मंत्री   स) भिखारी

प्र 2. राजकवि का आशीर्वाद सुनकर कौन नाराज हो गया ?

अ) राजा   ब) नौकर   स) महारानी

प्र 3. राजकवि ने क्या आशीर्वाद दिया ?

अ) राजा चिरंजीव हो   ब) शत्रु चिरंजीव हो   स) सब चिरंजीव हो

प्र 4. शत्रु का भय होने पर क्या आती है ?

अ) मृत्यु   ब) गरीबी   स) होशियारी

प्र 5. शत्रु के न रहने पर हम कैसे हो जाते हैं ?

अ) घमंडी   ब) लापरवाह   स) डरपोक

शब्द भंडार –

प्र 6. **नरेश** का **समानार्थी** शब्द क्या होगा ?

अ) मंत्री   ब) राजा   स) कवि

प्र 7. कहानी में से **मित्र** का **विलोम** शब्द पहचानो ।

अ) शत्रु   ब) साथी   स) मित्रों

प्र 8. सही शब्द को पहचानो ।

अ) पराक्रम   ब) प्राकरम   स) पराकर्म

प्र 9. **कवि** का **स्त्रीलिंग** क्या होगा ?

अ) कवियों   ब) कवयित्री   स) कविता

प्र 10. **शत्रु** का **बहुवचन** क्या होगा ?

अ) शत्रो   ब) सत्रुओ   स) शत्रुओं

Q.1 Solve PT- 01 question paper in your notebook.

Q.2 Write the name of Sarpanch, MLA, MP of your area with the name of constituency.

Q.3 Write the name of rivers of India (Any 20).

Q.4 Write the name of Prime Ministers from independence till date.

Q.5 Write the name of Presidents from independence till date.

Q.6 Show the different cities on Indian political map-
(i) Jaipur (ii) Ajmer (iii) Gandhinagar (iv) Sabarmati (v) Somnath (vi) Dwarka
(vii) Rameshwaram (viii) Madurai (ix) Ayodhya (x) Delhi (xi) Puri (xii) Haridwar

Name:_____

Fractions of Numbers

Solve the equations.

1. $\dfrac{1}{2}$ of 12 = _____

2. $\dfrac{1}{6}$ of 54 = _____

3. $\dfrac{1}{8}$ of 96 = _____

4. $\dfrac{2}{5}$ of 25 = _____

5. $\dfrac{4}{5}$ of 40 = _____

6. $\dfrac{3}{7}$ of 63 = _____

7. $\dfrac{2}{5}$ of 36 = _____

8. $\dfrac{2}{3}$ of 21 = _____

9. $\dfrac{1}{10}$ of 100 = _____

10. $\dfrac{5}{7}$ of 77 = _____

Slambo
Resources

केन्द्रीय विद्यालय वायुसेना स्थल नलिया
शरदकालीन अवकाशस्य गृहकार्यम् २०२४-२५
कक्षा – षष्ठी
विषय: - संस्कृतम्

१ सप्तवर्णानां नामानि संस्कृतभाषायां लिखत ।

२ राष्ट्रध्वजस्य चित्रं निर्माय तस्य वर्णानां नामानि संस्कृतभाषायां लिखत ।

३ निम्नांकित अंकानाम् संस्कृते समय लिखत ।

   १) १०:१५   २) १२:३०   ३) ७:००   ४) ९:४५   ५) ३:३०

४ एकत: विंशति: पर्यन्तं संस्कृते गणना लिखत ।

५ अस्मद् -युष्मद् शब्दं स्मरत ।

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केन्द्रीय विद्यालय वायुसेना स्थल नलिया
शरदकालीन अवकाश का गृहकार्य २०२४-२५
कक्षा – छठी
विषय: - हिन्दी

१ मल्हार पाठ्यपुस्तक से "जलाते रहो" कविता को अभ्यास पुस्तिका में लिखिए ।

२ भारत के राज्यों के नृत्यों के नाम अभ्यास पुस्तिका में लिखिए ।

३ निम्न में से कोई एक पर अनुच्छेद लिखिए ।

   १) दशहरा   २) दीपावली   ३) स्वच्छ भारत- स्वस्थ भारत

४ दो पन्ने सुलेख लिखिए ।

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CLASS: VII

विषय – हिंदी

कक्षा – 7

1.पत्र लेखन

१.अपने भाई की शादी में जाने के लिए, 5 दिन का अवकाश चाहने हेतु अपने प्राचार्य को पत्र लिखिए।

२.बिमार हो जाने के कारण, 3 दिन के अवकाश के लिए प्राचार्य को पत्र लिखिए।

३.विद्यालय की फ़ीस माफ करवाने के लिए प्राचार्य को पत्र लिखिए।

४.अपने मित्र को अपने जन्मदिन पर बुलाने के लिए पत्र लिखिए।

५.अपनी छोटी बहन को पढाई के साथ साथ खेलने कूदने की सलाह देते हुए पत्र लिखिए।

2. 20 मुहावरे लिखिए तथा अर्थ बताकर वाक्य में प्रयोग कीजिए।

3. 30 पर्यायवाची शब्द तथा 30 विलोम शब्द लिखिए।

4. 10 पन्ने सुलेख लिखिए (अपनी पाठ्यपुस्तक वसंत में से)

5.निम्नलिखित विषयों पर निबंध लिखिए।

१.मेरे प्रिय अध्यापक या अध्यापिका

२.मेरा प्रिय त्योंहार दीपावली

14:25

विषय – हिंदी

कक्षा – 7

1. पत्र लेखन

१. अपने भाई की शादी में जाने के लिए, 5 दिन का अवकाश चाहने हेतु अपने प्राचार्य को पत्र लिखिए।

२. बिमार हो जाने के कारण, 3 दिन के अवकाश के लिए प्राचार्य को पत्र लिखिए।

३. विद्यालय की फ़ीस माफ करवाने के लिए प्राचार्य को पत्र लिखिए।

४. अपने मित्र को अपने जन्मदिन पर बुलाने के लिए पत्र लिखिए।

५. अपनी छोटी बहन को पढाई के साथ साथ खेलने कूदने की सलाह देते हुए पत्र लिखिए।

2. 20 मुहावरे लिखिए तथा अर्थ बताकर वाक्य में प्रयोग कीजिए।

3. 30 पर्यायवाची शब्द तथा 30 विलोम शब्द लिखिए।

4. 10 पन्ने सुलेख लिखिए (अपनी पाठ्यपुस्तक वसंत में से)

5. निम्नलिखित विषयों पर निबंध लिखिए।

१. मेरे प्रिय अध्यापक या अध्यापिका

२. मेरा प्रिय त्योंहार दीपावली

09:18

केन्द्रीय विद्यालय वायुसेना स्थल नलिया
शरदकालीन अवकाशस्य गृहकार्यम् २०२४-२५
कक्षा – सप्तमी
विषय: - संस्कृतम्

१) उच्चारणस्थानानि अभ्यास-पुस्तिकायां लिखत ।

२) उपपदविभक्तिं अभ्यास-पुस्तिकायां लिखत ।

३) "मति" इकारांत स्त्रीलिंग शब्दं अभ्यास-पुस्तिकायां लिखत ।

४) "नदी" ईकारांत स्त्रीलिंग शब्दं अभ्यास-पुस्तिकायां लिखत ।

५) किम् शब्दस्य रूपाणि त्रिषु लिंगेषु स्मरत ।

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CLASS: VII-A & B SUBJECT- SOCIAL SCIENCE

1. Collect information over Chhattisgarh state regarding its History, Geography, Culture, Traditions, Religion,

Dance, Dress etc. and prepare a File explaining any one topic.

2. Prepare a small magazine/ small diary… regarding events of

freedom struggle between 1857-1947.

3. Prepare a project on disaster management.

4. Map work on 2nd term history chapters

Adding and Subtracting Integers (A)

Name: _____ Date: _____ Score: _____

Calculate each sum or difference.

$-81 + 78 =$	$50 - 28 =$	$78 - (-72) =$
$-95 + 75 =$	$-53 + 89 =$	$89 + 88 =$
$79 - 98 =$	$-56 + (-35) =$	$40 + (-85) =$
$87 - (-96) =$	$-73 + (-85) =$	$-75 - 13 =$
$-61 - (-79) =$	$-90 - (-38) =$	$78 + 81 =$
$-2 + (-87) =$	$-98 + 72 =$	$77 + (-80) =$
$29 - (-19) =$	$-73 + (-90) =$	$92 + (-97) =$
$-96 + (-17) =$	$-92 + (-82) =$	$98 - 85 =$
$15 + 81 =$	$-96 + (-92) =$	$-36 - (-86) =$
$-94 - 77 =$	$87 + 45 =$	$-84 - (-73) =$
$75 - (-82) =$	$-79 - (-88) =$	$90 + 77 =$
$85 - 90 =$	$77 - 19 =$	$-74 - (-71) =$
$94 - 58 =$	$84 - 85 =$	$66 - 57 =$
$85 - 84 =$	$25 + 93 =$	$-99 + (-77) =$
$-70 - (-64) =$	$-81 + 94 =$	$-95 - 30 =$
$80 - (-91) =$	$71 - 82 =$	$70 + 68 =$
$80 - 83 =$	$86 + 42 =$	$95 + (-48) =$
$-76 + (-49) =$	$-33 + (-84) =$	$-92 - 90 =$
$-77 - 76 =$	$-86 + (-16) =$	$97 + (-22) =$
$-88 - (-69) =$	$-84 + 77 =$	$-50 + 80 =$
$-63 + 86 =$	$-92 + 67 =$	$-77 - 54 =$
$-88 - (-94) =$	$-72 - (-27) =$	$-82 - (-77) =$
$-88 + 58 =$	$9 - 82 =$	$-75 + 77 =$
$-65 - 84 =$	$-85 - 31 =$	$-78 - 97 =$
$-86 - 50 =$	$-76 + (-95) =$	$-85 - 84 =$

CLASS VII

SUBJECT- ENGLISH

1. Write a paragraph on the following topics:

   i.   My Favourite Festival

   ii.   My Grandparents

   iii.   How I spent my Holidays

2. Prepare a healthy dish with your mother and write down the following information on a piece of paper:

   i.   Ingredients of the dish

   ii.   Recipe of the dish

   iii.   Nutritional value of the dish.

           Paste the related pictures (if available) in your notebook.

3. Read "The Invention of Vita Wonk" chapter from your textbook and write a summary in 200 words.

4. List 10 new words from "The Invention of Vita Wonk" and use them in sentences.

CLASS: VIII

शरदकालीन अवकाश गृहकार्य - 2023-24
कक्षा – आठवीं
विषय – हिन्दी

प्र. 1 संज्ञा किसे कहते है ? उसके भेद समझाइए ।

प्र. 2 सर्वनाम किसे कहते है ? उसके भेद समझाइए ।

प्र. 3 विशेषण किसे कहते है ? उसके भेद समझाइए ।

प्र. 4 किन्ही 25 शब्दों के विलोम शब्द लिखिए ।

प्र. 5 किन्ही 25 शब्दों के वचन बदलकर लिखिए ।

प्र. 6 किन्ही 25 शब्दों के विपरित लिंग बदलकर लिखिए ।

प्र. 7 आवश्यक कार्य/बडी बहन की शादी हेतु दो दिन अवकाश के लिए प्राचार्य को प्रार्थना-पत्र लिखिए ।

प्र. 8 निबंध :- (1.) दशहरा (2.) अनुशासन का महत्व (3) समय का महत्व (4) महात्मा गांधी ।

Class-8AB

*Read a book other than your textbook of your own interest and write a book review including:

1. Title.

2. Main characters

3. Plot

4. Theme

*Watch any One Cartoon show of your own choice and describe it in your own words. Include the following

i. Name of the episode

ii.Character in the episode (describe the characters)

iii.Theme

iv. The experience of watching the episode.

v.How did you feel after watching?

vi. Total impression

*Write FIVE sentences each in all the tenses

*Poster making: KINDNESS TO ANIMALS

CLASS-VIII   SUBJECT-SCIENCE

SECTION A

1   The process of loosening and turning of soil is called
     (a) irrigation and manuring
     (b) digging and winnowing
     (c) tilling and ploughing
     (d) harvesting and storage

2   The term used for the process of separation of grains from chaff is
     (a) sieving   (b) winnowing
     (c) threshing   (d) hand picking

3.   The disease caused by a protozoan and spread by an insect is
     (a) dengue   (b) malaria
     (c) polio   (d) measles

4.   Paheli dug two pits, A and B, in her garden. In pit A, she put a polythene bag packet with some agricultural waste. In pit B, she dumped the same kind of waste but without packing it in a polythene bag. She, then covered both the pits with soil. What did she observe after a month?
     (a) Waste in pit A degraded faster than that in pit B
     (b) Waste in pit 6 degraded faster than that in pit A
     (c) Waste in both pits degraded almost equally
     (d) Waste in both pits did not degrade at all

5.   Air is a natural resource and cannot be exhausted by human activities. It is known as inexhaustible natural resource. Which of the following is another inexhaustible natural resource?
     (a) Coal   (b) Petroleum
     (c) Sunlight   (d) Minerals

6.   Coal is processed in industries to get some useful products. Which of the following is not obtained from coal?
     (a) Coke   (b) Coal tar
     (c) Coal gas   (d) CNG

7.   Fossil fuels are obtained from
     (a) remains of non-living materials
     (b) dead remains of birds only
     (c) dead remains of insects only
     (d) dead remains of living organisms

8.   Which one of the following forces is a contact force?
     (a) Force of gravity   (b) Force of friction
     (c) Magnetic force   (d) Electrostatic force

9.   A brick is kept in three different ways on a table as shown in figure. The pressure exerted by the brick on the table will be-
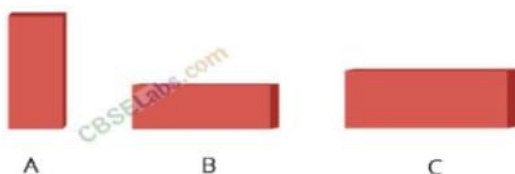
A   B   C

(a) maximum in position A   (b) maximum in position C
(c) maximum in position B   (d) equal in all cases

If we apply oil on door hinges, the friction will

10. (a) increase
(b) decrease
(c) disappear altogether
(d) will remain unchanged

11. In 'figure, a boy is shows pushing the box from right to left.

The force of friction will act on the box
(a) from right to left (<-)   (b) from left to right (->)
(c) vertically downwards   (d) vertically upwards

12. Whenever the surfaces in contact tend to move or move with respect to each other, the force of friction comes into play
(a) only if the objects are solid
(b) only if one of the two objects is liquid
(c) only if one of the two objects is gaseous
(d) irrespective of whether the objects are solids, liquids or gases

13. Which one of the following is a combustible substance?
(a) Iron nail   (b) Glass
(c) Stone piece   (d) Wood

14. If a person's clothes catch fire, the best way to extinguish the fire is to
(a) throw water on the clothes
(b) use fire extinguisher
(c) cover the person with a woollen blanket
(d) cover the person with a polythene sheet

SECTION -B

15 Write the name of a bacterium that helps in the formation of curd.
16 Name a human disease caused by bacteria.
17 Name the process of conversion of wood into coal.
18 Expand PCRA.

2

19 Name the force due to which every object falls on earth.
20 What do you mean by pressure?
21 What is the name of special shape given to objects moving in fluids?
22 Does friction depend on the nature of objects? Yes/No
23 Name some forest products.
24 Name a National Park of Chhattisgarh.

SECTION -C

25 (a) Name the ideal months for sowing kharif crops.
(b) Name any two fertilizers.

26 What is vaccination? Who discovered first vaccine.
OR
Define communicable diseases. Give some examples.

27 CNG is called clean fuel. Give two reasons.

28 Classify the following examples as a gravitational and electrostatic force-
(i) The force that causes a ball you throw in the air to come down again.
(ii) Charged comb picking up small pieces of paper
(iii) The force that causes the moon to revolve around the Earth

(ii) Charged comb picking up small pieces of paper
(iii) The force that causes the moon to revolve around the Earth.
(iv) Lightening during the rainy season

OR

Explain why sliding friction is less than static friction

29 Observe the diagram below and write your observations-
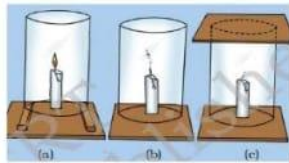
30 Differentiate between the following-
Endangered and extinct species.

SECTION -D

31 Give examples to show that friction is both a friend and a foe.
32 (a) What is global warming?
(b) Which gases are responsible for global warming ?
33 Explain any three consequences of deforestation.
34 Can you explain the concept of crop rotation and its significance? Provide an example to support your explanation.

SECTION -E

35 (a) A blacksmith hammers a hot piece of iron while making a tool. How does the force due to hammering affect the piece of iron.
(b) A rocket has been fired upwards to launch a satellite in its orbit. Name the two forces acting on the rocket immediately after leaving the launching pad.
36 (a) Make a labelled diagram of a candle flame
(b) Which zone of a flame does a goldsmith use for melting gold and silver and

why?

37   CASE STUDY QUESTION
READ THE FOLLOWING LINES-

Friction is a force between two surfaces that are sliding, or trying to slide, across each other. Friction always works in the direction opposite to the direction in which the object is moving, or trying to move. It always slows a moving object down. Friction also produces heat. If you rub your hands together quickly, you will feel them get warmer. Friction can be a useful force because it prevents our shoes slipping on the pavement when we walk and stops car tyres skidding on the road. When you walk, friction is caused between the tread on shoes and the ground. This friction acts to grip the ground and prevent sliding. Sometimes we want to reduce friction. For example, we use oil to reduce the friction between the moving parts inside a car engine. In many machines, friction is reduced by using ball bearings. The reduced friction means there is less wear on the moving parts and less heat produced.
Now answer the following

i)When does friction arise?

ii) Why should we apply oil on the hinges of the door?

iii) Gymnasts apply some coarse substance on their hands. Why?

iv) Explain why sportsmen use shoes with spikes.

Holidays Homework

(Autumn Break)

Class 8 (A&B)

Subject :- Social Science

(1) Collect informations over Chhattisgarh state regarding its history, geography, culture, traditions, religion, Dance, dress etc. and prepare a file explaining any one topic .

(2) Write the model answers (solution) of the half yearly examination paper in your notebook.

केन्द्रीय विद्यालय वायुसेना स्थल नलिया

शरदकालीन अवकाशस्य गृहकार्यम् २०२४-२५

कक्षा – अष्टमी

विषय: - संस्कृतम्

१) पाठ्यपुस्तकात् चित्वा १५ अव्ययपदानि अभ्यास-पुस्तिकायां लिखत ।

२) कारक विभक्तिं तथा उपपदविभक्तिं अभ्यास-पुस्तिकायां लिखत ।

३) "अस्मद् शब्दं " अभ्यास-पुस्तिकायां लिखत ।

४) "युष्मद् शब्दं " अभ्यास-पुस्तिकायां लिखत ।

५) किम् शब्दस्य रूपाणि त्रिषु लिंगेषु स्मरत ।

****

Choose correct option in questions 1 to 5.

1. Solve $2y + 9 = 4$.
   a. -5/2
   b. ½
   c. 2
   d. none of these

2. Solve: $4y = 20$
   a. 4
   b. 5
   c. 24
   d. 16

3. Solve: $3x = 2x + 18$
   a. 6
   b. 9
   c. 18
   d. 0

4. Solve: $x = \dfrac{4}{5}(x + 10)$
   a. 10
   b. 20
   c. 30
   d. 40

5. Solve: $x + 7 - \dfrac{8x}{3} = \dfrac{17}{6} - \dfrac{5x}{2}$
   a. -5
   b. 4
   c. 5
   d. none of these

Fill in the blanks:

6. In an equation the values of the expressions on the LHS and RHS are _____.

7. The perimeter of a rectangle is 13 cm and its width is $2\dfrac{3}{4}$ cm. Find its length.

8. Aarushi has a total of Rs 590 as currency notes in the denominations of Rs 50, Rs 20 and Rs 10. The ratio of the number of Rs 50 notes and Rs 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination she has?

9. Arjun is twice as old as Shriya. Five years ago his age was three times Shriya's age. Find their present ages.

CLASS: IX

कक्षा - नौवीं

प्रश्न 1. निम्नलिखित प्रस्थान बिंदु के आधार पर 100 शब्दों में <u>शीर्षक</u> सहित एक लघु कथा लिखिए-

एक बूढ़ा किसान था। उसके चारों पुत्र आपस में झगड़ा करते थे। किसान बहुत दुखी था। उसने एक दिन अपने चारों पुत्रों को बुलाया, दुखी मन से कहा, " आपस में झगड़ा करना नहीं करना चाहिए और तुम लोगों को मिल जुल कर रहना चाहिए।" पिताजी की बातें सुनकर चारों पुत्र वहाँ से चले गएँ। पर लड़ाई-झगड़े का सिलसिला जारी रहा, फिर एक दिन उस बूढ़े किसान ने एक उपाय सोचा...................

प्रश्न 2. निम्नलिखित विषयों पर 120 शब्दों का अनुच्छेद लिखिए।

1. एक भारत श्रेष्ठ भारत

2. नई शिक्षा नीति 2020

प्रश्न 3. "गीता पुस्तक पढ़ती है।" इस वाक्य को अर्थ के आधार पर वाक्य के आठों (8) भेदों में रूपांतरित कीजिए।

प्रश्न 4. अलंकार के सभी भेदों के दो - दो उदाहरण लिखकर कंठस्थ कीजिए।

प्रश्न 5. अर्द्ध वार्षिक(PT-2) परीक्षा के प्रश्न-पत्र को हल करें।

प्रश्न 6. विद्यालय - पत्रिका प्रकाशित हो रही है। अतः आप अपनी लिखी कोई कविता / कहानी/लेख/ कोरोना के अनुभव आदि विद्यालय खुलते ही मुझे जमा करेंगे।

प्र.7 उपसर्ग और प्रत्यय की परिभाषा बताते हुए उनमें अन्तर समझाइए ।

प्र.8 समास किसे कहते है ? उसके भेद समझाइए ।

प्र. 9 वाक्य किसे कहते है ? अर्थ के आधार पर वाक्य के भेद समझाइए ।

प्र. 10 पत्र :- (1.) अपने प्राचार्य को शुल्क मुक्ति हेतु एक प्रार्थना-पत्र लिखिए ।

(2.) 'समय का महत्व' बताते हुए अपने छोटे भाई-बहन/मित्र को एक पत्र लिखिए प्र. 11

प्रतिवेदन :- अपने विद्यालय में आयोजित वार्षिकोत्सव पर एक प्रतिवेदन तैयार कीजिए ।

अभ्यास भाग

प्रश्न 1– व्याकरण से सम्बंधित भाग का अभ्यास कीजिए ।

प्रश्न 2– क्षितिज पुस्तक के समस्त पाठों का अभ्यास कीजिए ।

प्रश्न 3– कृतिका के समस्त पाठों का अभ्यास कीजिए ।

Class IX

Subject- English

1. Look up the dictionary for the meanings and the pronunciation of the following words and learn them well for enriching your vocabulary. (Write in your notebook)

    1. Altercation, 2. Ambassador, 3. Curriculum, 4. Impasse, 5. Eloquent, 6. Impeccable 7. Ambiguous, 8. Embroidery, 9. Impropriety, 10. Ascetic, 11. Equinox, 12. Incandescent, 13. Azure, 14. Espionage, 15. Incessant

    2. Develop two substantive stories giving suitable TITLE, based on the following hints in about 200-250 words.

        i) Robert Bruce, king of Scotland...........................often fought for the freedom of the country.............no success..................hiding in cave................dejected.............a spider drops by its thread from ceiling...........tries to get back to its web...............again drops succeeds in ninth attempt.................inspired by the example, Bruce tries again.

        ii) It was raining heavily. Kartik was all alone at home. The sound of thunder and lightning frightened him...

3. Write a diary entry describing a memorable moment during the break.

4. Write the theme and poetic devices used in the poem "No Men Are Foreign."

CLASS – IX   SUB. :- SCIENCE

Choose the correct answer from the following options:

1. Rate of diffusion depends upon
(a)Temperature (b) surface area (c) both temperature and surface area   (d) None of these

2.Select the one that when used would be considered as best condition for liquification of a gas.
(a) Increasing the temperature.   (b) Decreasing the pressure
(c) Increasing the pressure and decreasing the temperature
(d) Decreasing the pressure and increasing the temperature

3. In the tincture of iodine, find the solute and solvent?
(a) alcohol is the solute and iodine is the solvent
(b) iodine is the solute and alcohol is the solvent
(c) any component can be considered as solute or solvent
(d) tincture of iodine is not a solution

4.Which of the following properties does not describe a compound?
(a) It is composed of two or more elements
(b) It is a pure substance.
(c) It cannot be separated into constituents by physical means
(d) It is mixed in any proportion by mass

5.What is true about homogeneous mixture?
(a) Homogeneous mixture is the mixture of two or more than two components.
(b) In homogeneous mixture the composition and properties are uniform throughout the mixture
(c) both (a) and (b) are true
(d) none of the above

6. Which of the following statements correctly describes an atom?
a) An atom is the smallest particle of a substance that can exist independently.
b) An atom is a charged particle.
c) An atom consists of protons and neutrons only.
d) An atom is made up of electrons and protons only.

7. Which of the following is a compound?
a) Helium (He)   b) Oxygen (O_2)   c) Water (H_2O)   d) Sodium (Na)

8. What is the primary difference between an element and a compound?
a) An element consists of one type of atom, while a compound consists of two or more different types of atoms chemically combined.
b) An element consists of molecules, while a compound consists of individual atoms.
c) An element is a mixture of substances, while a compound is a pure substance.
d) An element is formed from compounds, while a compound is formed from elements.

8. What is the primary difference between an element and a compound?
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9. The image shows how the two cells appear before and after placing in a hypertonic solution. Based on the behaviour of the cell, identify the cell types?
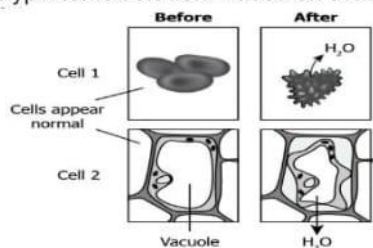
(a)Cell 1: animal cell, Cell 2: plant cell

(b)Cell 1: bacterial cell, Cell 2: plant cell

(c)Cell 1: Plant cell, Cell 2: animal cell

(d)Cell 1: animal cell, Cell 2: bacterial cell

10. Lipid molecules in the cell are synthesized by

(a) smooth endoplasmic reticulum (b) rough endoplasmic reticulum (c) Golgi apparatus (d) plastids

11. The type of muscle shown in the diagram is likely to be found in the stomach.
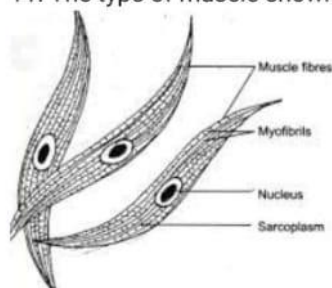
(a)smooth muscle

(b)striated muscle

(c)cardiac muscle

(d)none of the above

12. Which of the following graph represents the uniform motion?
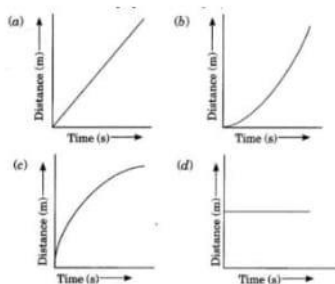
13. What is the SI unit of acceleration?

(a) ms-2   (b)m/s   (c)kg m/s   (d) s

14. A goalkeeper in a football game pulls his hands backwards after holding the ball shot at the goal. This enables the goalkeeper to
a)increase the rate of change of momentum   b) decrease the rate of change of momentum c)increase the force exerted by the balls on the hands   d)exert larger force on the ball

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15. The mass of the body is doubled and the velocity of the body becomes half, linear momentum of the body will
a) remain same b) become double. c) become half.   d) become four times

Assertion and Reason

In each of the following questions, a statement of Assertion is given, and a corresponding statement of Reason is given just below it. Of the statements, given below, mark the correct answer as:
(a) Both assertion and reason are true, and reason is the correct explanation of assertion.
(b) Both assertion and reason are true, but reason is not the correct explanation of assertion.
(c) Assertion is true, but reason is false.
(d) Assertion is false, but reason is true.

16.Assertion : Gases exert pressure on the walls of the container.
Reason : The intermolecular force of attraction is very strong in gases.

17.Assertion (A): In an atom, electrons are found in specific energy levels or shells around the nucleus.
Reason (R): Electrons occupy different energy levels based on their energy, with those in lower energy levels being closer to the nucleus.

18. Assertion : Cell is a structural and functional unit of an organism.
    Reason : A cell keeps its chemical composition steady within its boundary.

19. Assertion : Permanent tissue is composed of mature cells.
    Reason : Meristematic tissue is a group of actively dividing cells.

20. Assertion : The inner lining of intestine has tall epithelial cells.
    Reason : Columnar epithelium facilitates absorption and secretion.

21.What is the significance of boiling point & melting point of a substance?

22. Give some examples of Tyndall effect observed in your surroundings?

23. Find the valency of chlorine (Cl) given its electron distribution is 2, 8, 7.

24. Draw the diagram of nerve cell and label it and write the major function of neuron.

25.What are the two main types of vascular tissues in plants, and what is their primary function?

26. A motorboat starting from rest on a lake accelerates in a straight line at a constant rate of 3.0 m s^{-2} for 8.0 s. How far does the boat travel during this time?

27. Give reason:
(A) A gas fills completely the vessel in which Jon it is kept.
(B) A gas exerts pressure on the walls of the container.
(C) A wooden table should be called a solid.

28.Calculate the molecular mass of sulfuric acid (H_2SO_4).
    1. Determine the number of atoms of each element in the molecular formula.
    2. Calculate the atomic mass of each element (use atomic masses: H = 1 amu, S = 32 amu, O = 16 amu).

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   3. Find the total molecular mass of sulfuric acid.

29. (a) Why does the plant cell, placed in a hypotonic solution, not burst?
(b) What happens when a fully turgid plant cell is placed in a hypertonic solution? Name the phenomenon.

30. Explain the difference between prokaryotic and eukaryotic cells. Provide one example of each type of cell.

31. Name the following :

 (a) Tissue that forms the inner lining of our mouth.
(b) Tissue that connects muscle to bone in humans.
 (c) Tissue that transports food in plants.
(d) Divides and redivides to grow in plants
 (e) Connective tissue with a fluid matrix.
(f) Tissue present in the brain.

32. A ball is gently dropped from a height of 20 m. If its velocity increases uniformly at the rate of 10 ms^{-2},with what velocity will it strike the ground? After what time will it strike the ground?

33. A constant force acts on an object of mass 10 kg for a duration of 4 s. It increases the objects velocity from 2ms^{-1}to8ms^{-1} . Find the magnitude of the applied force.

34. Give the difference between true solution, colloidal solution and suspension.

35.Give two postulates of the Bohr's atomic model and give three criteria for how electrons are distributed in different orbits.
36. Discuss the structure and function of the following cellular organelles: mitochondria, endoplasmic reticulum (ER), and Golgi apparatus. Explain how these organelles work together to maintain cellular function.

37.All matter, whether on element, a compound, or a mixture is made up of microscopic particles called atoms, which cannot be generated or destroyed during a chemical process, according to Dalton's atomic theory The laws of chemical combination are explained simply in Dalton's hypothesis Based on several postulates in his theory, he utilised it to explain the law of conservation of masses, the law of constant proportions, and the law of multiple proportions.
(A) What other name is given to the law of definite proportion?
(a) Law of Multiple Proportion
(b) Law of Conservation of Mass
(c) Law of Constant Proportion
(d) None of the above

(B) Which of the following are INCORRECT for the mass of products in a chemical reaction?

(1) Mass of reactants is more than the mass of products in a chemical reaction.

(II) Mass of reactants or products can neither be created nor be destroyed.

(III) Mass of reactants before reaction is equal to the mass of products after reaction.

(IV) Mass of reactants decreases during reaction.

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(c) Law of Constant Proportion
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(IV) Mass of reactants decreases during reaction.

Options:
(a) (1) and (11)   (b) (11) and (III)

(c) (III) and (IV)   (d) (1) and (IV)

(C) Assertion (A): All matter is made up of tiny particles.

Reason (R): The tiny particles are called atoms which can be created or destroyed in a chemical reaction.
(a) Both (A) and (R) are true, and (R) is the correct explanation of (A)
(b) Both (A) and (R) are true, and (R) is not the correct explanation of (A).
(c) (A) is true but (R) is false.
(d) (A) is false but (R) is true.
(D) How does the law of conservation of mass follows Dalton's atomic theory?

38. Read the passage carefully and answer the following questions:

The rate of change of momentum of a body is directly proportional to the applied force and takes place in the direction in which the force acts. When a force acts on a

body it produces acceleration in the body ,it may be positive or negative.

i.)Which law gives the relationship between the force applied on a body and the acceleration produced in a body?
   a)Newton's first law   b) Newton's third law
   c) Newton's second law   d)   Law of conservation of momentum

ii) If a thousand kg vehicle moving with a speed of 20 m per second is brought to rest in a   distance of 50 m. Find the acceleration.
      a) $4ms^{-2}$ b) $-4 ms^{-2}$ c) $2ms^{-2}$ d) $8 ms^{-2}$

iii.) In same problem ii) ,calculate the unbalanced force acting on the vehicle
      a) -4000 kg ms-2   b) - 4000N. c) 4000N. d) Both a and b

iv.) Example of Newton second law of motion is :
      a) The flying of Jet aeroplane and rockets
      b) The use of seat belt in cars
      c) Catching a cricket ball
      d) Both b and c

39. Prasanna wanted to buy a deodorant from the shop. While buying a bottle he felt that it was slightly heavier than usual deodorant bottle that he purchased everytime. He read the weight mentioned on the bottle and told the shopkeeper to weigh the same. He found the bottle was heavy and on opening the deodorant bottle he found it half-filled with water. He complained the matter to the consumer authority.
(a) Define density.
(b) Apart from water what is the other substance that some shopkeepers add into the deodorant.
(c) What value of Prasanna is reflected in this act?
(d) Deodorant is an what type of colloid.

HOLIDAY HOMEWORK FOR AUTUMN BREAK
CLASS 09 Science

1. Prepare chapter wise question answer sets from completed chapters in science. (Total 5 questions from each chapter; 02=MCQ, 02= Short answer questions & 01= Diagram based question)
2. Solve the provided PT-2 sample paper in your notebook.
3. Prepare a science project for participation in Rajya Satriya Bal Vegyanik Pradarshini, 2024 @School level.
4. Help your Parents in cleaning work at home.

KENDRIYA VIDYALAYA AFS NALIYA
AUTUMN BREAK HOMEWORK, 2024- 2025
CLASS IX
SUBJECT- SOCIAL SCIENCE

- Write the model answers of PT- 02 question paper of Social Science in your notebook.

- Locate and Label Major countries of First World War: **Central Powers**: Germany, Austria-Hungary, Turkey(Ottoman Empire) & **Allied Powers** – France, England, Russia and USA on political map of the world and paste it in your notebook.

- Write a short essay (150 words) on how health improves the quality of human resources in your notebook.

- Write the Preamble of the constitution of India in both Hindi and English in your notebook.

- Read chapter named *'Nazism and The Rise of Hitler'*.

ARTIFICIAL INTELLIGENCE

TOPICS:

1. **What is NLP? Explain syntax and semantics analysis of NLP?**
2. **What is computer vision? What are the applications of computer vision?**
3. **Explain evolution of AI with diagram?**
4. **What are the applications of AI?**
5. **Explain the history of AI?**

CLASS: X

SUBJECT-ENGLISH.   CLASS-X

Using Adobe Express Collage Making -

Make a Collage on different natural and man-made causes of Agricultural loss. Subj: English, Text Book - First Flight, Ch-A Letter to God

*Imagine you are the protagonist in the story "Footprints without Feet." Write a diary entry reflecting on your experiences and emotions before, during, and after the events of the story.

*Consider how curiosity influenced your actions and the outcomes. Present your diary entry in a creative format, such as a handwritten journal, blog post, or audio recording.

Create a multimedia presentation (video, PowerPoint, etc.) exploring the theme of any of thee poem of your book.. Include visuals, quotations, and explanations to support your analysis

विषय – हिंदी

कक्षा – 10

1.पत्र लेखन : 5 औपचारिक और 5 अनौपचारिक पत्र लिखिए |

2.रचना के आधार पर वाक्य के भेदों का वर्णन कीजिए तथा वाक्य रूपांतरण भी स्पष्ट कीजिए

3.वाच्य की परिभाषा तथा उसके भेदों का वर्णन कीजिए, साथ ही वाच्य परिवर्तन भी स्पष्ट कीजिए |

4.अलंकार की परिभाषा तथा उसके भेदों का वर्णन कीजिए |

5.निम्नलिखित विषयों पर निबंध लिखिए |

१.विद्यार्थी जीवन में अनुशासन का महत्त्व

२.मेरे सपनों का भारत

३.यदि मैं मुख्यमंत्री होता

४.आपके जीवन का उद्देश्य

५.विज्ञान के बढ़ते कदम

09:19

CHEMISTRY

1 The metals in the middle of the activity series such as iron, zinc, lead, copper, etc., are moderately reactive. These are usually present as sulphides or carbonates in nature. It is easier to obtain a metal from its oxide, as compared to its sulphides and carbonates. Therefore, prior to reduction, the metal sulphides and carbonates must be converted into metal oxides. The sulphide ores are converted into oxides by heating strongly in the presence of excess air. This process is known as roasting. The carbonate ores are changed into oxides by heating strongly in limited air. This process is known as calcination.

1)What is the process of converting metal oxide to metal?

2) Name any two other reducing agent which can be used to extract metal from metal oxide?

3) What is calcination?

2
(a) Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:

(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 true but R is false.

(d) A is false but R is true

Assertion (A): Zinc oxide is amphoteric in nature.

Reason (R): Zinc oxide reacts with both acids and bases.

(b) Assertion (A): Magnesium chloride is an ionic compound.

Reason (R) : Metals and non-metals react by mutual transfer of electrons.

3 A metal 'X' combines with a non-metal 'Y' by the transfer of electrons to form a compound Z.

(i) State the type of bond in compound Z.

(ii) What can you say about the melting point and boiling point of compound Z?

4 Pick the statement which is correct about the non-metal.

a) Br is an example of a liquid non-metal.

b) Graphite is a good conductor of electricity

c) Most of the non-metal oxides are acidic   d) All of these

5 Aqua regia is a freshly prepared mixture of concentrated HNO_3 and concentrated HCl in the ratio of:

a) 1:3, respectively   b) 2:3, respectively

c) 3:1, respectively   d) 3:2, respectively

6 Give the complete reaction when manganese dioxide is heated with Aluminium powder.

PHYSICS

1 Atmospheric refraction is the phenomenon of bending of light on   passing through the earth's atmosphere. As we move above the surface of the earth, the density of air goes on decreasing. Local conditions like temperature etc. Also affect the optical density of the earth's atmosphere. On account of atmospheric refraction, stars seen appear higher than they actually are. Advanced sunrise, delayed sunset, the oval appearance of the sun at sunrise and sunset, twinkling of stars, all can be explained with atmospheric refraction.

(i) When a ray of light travels from optically rarer medium to optically denser medium, the refracted ray……

a) bends away from normal

b) bends towards normal

c) traces the same path

d) all of these

(ii) Twinkling of stars and non-twinkling of planets is accounted for by:

(a) atmospheric refraction

(b) atmospheric scattering

(c)total internal reflection

(d) dispersion of light

(III) Why danger signal always painted in red?

Following questions(2 and 3) consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:

(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 true but R is false.

(d)A is false but R is true.

2. Assertion (A) :A normal human eye can clearly see all the objects beyond certain minimum distance.

   Reason (R) : The human eye has capacity of adjusting the focal length of eye lens.

3. Assertion (A) : Myopia is the defect of the eye in which only nearer objects are seen by the eye.

   Reason (R) : The eye ball is elongated.

4. A student needs spectacles of power -0.5D for the correction of his vision.

   (a)Name the defect in vision the student suffering from.

   (b)Find the nature and focal length of the corrective lens.

   (c)List two causes of his defect

5. What is meant by spectrum of white light? How can we recombine the components of white light after a prism has separated them? Draw a diagram to illustrate it recombination of white light.

6. List two phenomena which can be explained on the basis of atmospheric refraction.

HOLIDAY HOMEWORK FOR AUTUMN BREAK
CLASS 10 BIOLOGY

1. Prepare chapter wise question answer sets from completed chapters of science. (Total 5 questions from each chapter; 02=MCQ, 02= Short answer questions & 01= Diagram based question)
2. Solve CBSE new pattern sample paper (Questions from completed chapters only) download the paper from CBSE website.
3. Prepare a science project for participation in Rajya Satriya Bal Vegyanik Pradarshini, 2024 @School level.
4. Help your Parents in cleaning work at home.

KENDRIYA VIDYALAYA AFS NALIYA
AUTUMN BREAK HOMEWORK, 2024- 2025
CLASS X
SUBJECT- SOCIAL SCIENCE

- Create a powerful poster (on a regular drawing sheet) that brings the *Non-Cooperation Movement* to life—illustrate how boycotts, peaceful protests, and the call for Swaraj united India against British rule!

- Read chapter *'Nationalism in India'.*

- Explain how India is both a federal and a unitary state with examples (in your notebook).

- Write a 150-word essay on the significance of the tertiary sector in India (in your notebook).

- Write a short note on biodiversity and its importance (in your notebook).

CLASS: XI

शरदकालीन अवकाश गृहकार्य - 2023-24
कक्षा – ग्यारहवीं

प्रश्न 1 . दस दिनों की डायरी लिखकर लाएँ।

प्रश्न २. किसी घटना /स्थिति के आधार पर दृश्य लेखन लिखिए –

प्रश्न 3.जनसंचार के प्रमुख माध्यमों (विभिन्न माध्यमों के लिए लेखन पाठ पर आधारित) पर आधारित बीस बहुविकल्पीय प्रश्न तैयार करिए –
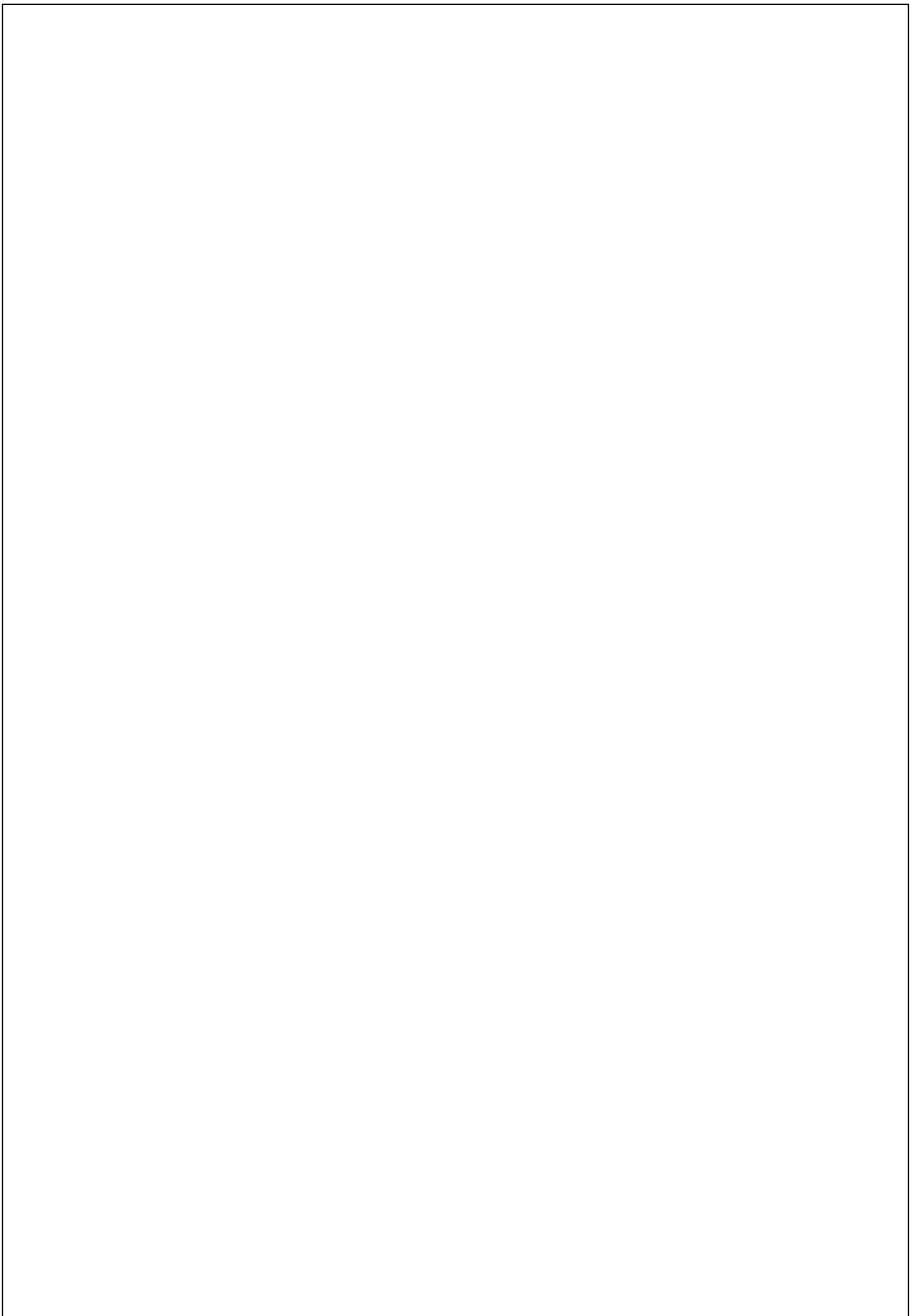
प्रश्न 4. स्ववृत्त लिखकर लाएँ।

प्रश्न 5. अप्रत्याशित विषय पर रचनात्मक लेख :—

*भारत की वैज्ञानिक उन्नति

* खेलों में बढ़ता वर्चस्व भारत का

प्रश्न 6. विद्यालय - पत्रिका प्रकाशित हो रही है। अतः आप अपनी लिखी कोई कविता / कहानी/लेख/ कोरोना के अनुभव आदि विद्यालय खुलते ही मुझे जमा करेंगे।

प्रश्न 7. परियोजना कार्य तैयार करें

1. The mass of a body which is equal to the ratio of the force acting on abody to the acceleration produced in the body is
   (a) the gravitational mass
   (b) the electromagnetic mass
   (c) the internal mass
   (d) the inertial mass

2. A space probe built on Earth has a mass of 750 kg. Calculate the weight of thespace probe on Earth.
   (a) 77 N   (b) 750N   (c) 7350 N (d) 7600N

3. A block is pulled across a horizontal surface as shown.
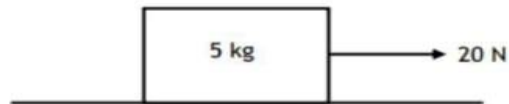
The mass of the block is 5 kg. The block is travelling at a constant velocity.Calculate the force of friction acting on the block.
   (a)   5 N
   (b) 20 N
   (c) 25 N
   (d) 0 N

4. A 5 kg mass is hung on a weighing balance and both are allowed to fall freely.State the reading on the balance while the mass and the balance are falling.
   (a) 0 N
   (b) 5 N
   (c) 50 N

   (d) 49 N

5. Far out in space the gravitational field strength experienced is negligible. The rocket motor of a space probe is fired for a short time and the rocket accelerates. Determine what will happen to the rocket when the motor is switched off.

   (a) The rocket decelerates until it comes to rest.

   (b) The rocket will continue to accelerate forward.

   (c) The rocket will change direction.

   (d) The rocket will move at a constant velocity.

6. Determine which of the following an unbalanced force of one newton will cause.(a)0·1 kg mass will accelerate at 1 ms^{-2}

   (b) 1 kg mass will accelerate at 1 ms^{-2}

   (c) 1 kg mass will accelerate at 10 ms^{-2}

   (d) 1 kg mass will move at a constant speed of 10 ms^{-1}

20. Sand is thrown on tracks covered with snow. Why?

21. Assertion (A): Newton's laws can be applied to bigger bodies
    Reason (R): During any kind of collision, the center of mass of the system is notaccelerated.
    A. Both Assertion and Reason are correct and the reason is the correct
       explanation
    B. Both Assertion and Reason are correct but the reason does notgive the
    correct explanation
    C. Assertion is true but Reason is false
    D. Assertion is false but Reasonis true.

22. Assertion: A rocket moves forward by pushing the surrounding air backwards.

    Reason: It derives the necessary thrust to move forward according to Newtonsthird law of motion.

23. Assertion: Frictional forces are conservative forces.
    Reason: Potential energy can be associated withfrictional forces.

24. Assertion: The tendency of skidding or overturning is quadrupled, when acyclist doubles his   speed of turning.
    Reason: Angle of bending measured from ground., decreases as velocity of vehicle increases.

25. Two billiard balls each of mass 0.05kg moving in opposite directions with speed 6m/s collide and rebound with the same speed. What is the impulse imparted to each ball due to other?

26. A bullet mass 10gm is fired from a gun of mass 8kg with a velocity 160m/s. Find the velocity of recoil of the gun.

27. Why are porcelain objects wrapped in paper or straw before packing for transportation?

    (Application of Newton's second law of motion)

28. Why are mountain roads generally made winding upwards rather than goingstraight up?

29. Which law of motion is said to be real law of motion? Why?

30. A bullet of mass 20gms. travelling with a velocity of 15m/s penetrates a sand bag and is brought to rest in 0.05 s. Find the depth of penetration and theaverage retarding force of the sand.

31. A helicopter of mass 2000 kg rises with a vertical acceleration of 15 m s^{-2}. The total mass of the crew and passengers is 500 kg. Give the magnitude and

    direction of the (g = 10 m s^{-2})

31. A helicopter of mass 2000 kg rises with a vertical acceleration of 15 m s^{-2}. The total mass of the crew and passengers is 500 kg. Give the magnitude and

direction of the (g = 10 m s^{-2})

  a. force on the floor of the helicopter by the crew and passengers.
  b. action of the rotor of the helicopter on the surrounding air.
  c. force on the helicopter due to the surrounding air

32. It is easier to pull an object than to push it. Explain with the help ofa diagram.

33. What is impulse and show that impulse = change in momentum.

34. A car of mass 1500kg is moving with a speed of 12.5m/s on a circular path of radius 20m on a level road. What should be the frictional force between the carand the road so that the car does not slip? What should be the value of the coefficient of friction to attain this force?

35. Derive an expression for the maximum velocity of a vehicle while taking a curve of radius 'r'

  [i] on a level road

  [ii] on a banked road

36.   State and prove the law of conservation of momentum.

(c) 1:2

(d)4:1

(v)   A unidirectional force F varying with time T as shown in the figure acts on a body initially at rest for a short duration 2T. Then, the velocity acquired by the body is
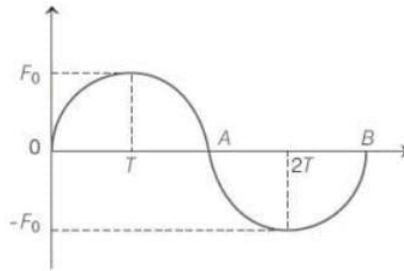
(a) $\pi F_0 T/4m$

(b) $\pi F_0 T/2m$

(c) $F_0 T/4m$

(d)Zero

(Hint-Area under the F-T graph gives the impulse or the change in momentum.

Net area is zero. So, change in momentum is zero or change in velocity is zero. Initial velocity is zero. Therefore, V is also equal to zero.)

Ans. d

KENDRIYA VIDYALAYA AFS NALIYA

AUTUMN BREAK HOLIDAY HOME WORK

CLASS XI

SUBJECT ECONOMICS

Q.1 Write the definition of below

(i) Total utility (ii) Marginal utility (iii) Consumer equilibrium (iv) Indifference curve (v) Demand (vi) Elasticity of Demand (vii) Production Possibility Curve

(viii) Marginal opportunity cost (ix) Marginal rate of substitution (x) Budget line

Q.2 Explain the consumer equilibrium with indifference curve approach.

Q.3 (i)Explain law of demand and give reason why does demand curve slope downward from left to right ? (ii) Differentiate between the following: (a) Change in quantity Demanded and change in Demand. (b) Contraction in demand and Decrease in demand (c) Substitute goods and complementary goods (d) Normal goods , Inferior goods and Giffen goods

Q.4 (i) Define elasticity of demand. Explain the various determinants affecting elasticity of Demand. (ii) Solve any five numerical based on elasticity of demand from your text book.

Q.5 Make a Project file as following

TOPIC	ROLL NO
PRESENTATION OF DATA	1,8,
CENTRAL TENDENCY	2,9
CORRELATION	3,10
CONSUMER EQUILIBRIUM	4,11
FORMS OF MARKET	5,12
PRICE DETERMINATION IN PERFECT COMPETITION MARKET	6,13
COLLECTION OF DATA	7,14

Class - XI B

Subject :- History

(1) Write down the summary / notes of the chapter "The Three Orders" .

(2) Prepare the Project file on given topics (Individually)

Autumn Break holiday homework

Class 11th Geography

Holiday homework

Assignment

1. Do the exercise question answers of work sheet

2. Do the map practices of all map points of physical environment book

3. Make 15 very short answer type questions along with answer from each chapter of

     Fundamental of   physical geography

    Chapter 1 to 5

     Physical environment

     Chapter 1 to 3

SUBJECT – ENGLISH

Class 11 A , B

DO ALL THE HOLIDAY HOMEWORK IN YOUR ENGLISH NOTEBOOK

Q1 You are Rahul / Rekha. There are frequent power cuts in your locality. You strongly feel that it is time to shift to solar power. Write an article in about 120-150 words on the topic "Solar Power. An Apt Global Solution for Energy Crisis'. Support your ideas with the cues given below.
• renewable energy
• reduce energy bill
• completely clean – no air or water pollution, no greenhouse gas effects, carbon free; no emissions
• low maintenance cost

Q2 You are Sunil /Megha of PM Shri Sudheer Public school, Chennai. On the completion of 25 years of meritorious service for the cause of education, your school celebrated its silver jubilee with great pomp and show. As the school captain write a report in 120-150 words for
SK GLOBAL SOLUTIONS
Required Software Engineer
Job Responsibilities:
• Write well-designed software
• Develop layouts
• Execute software development cycle.
Preferred Skills & Qualifications :
• B. Tech. – Computer Science
• Experience
the school magazine. Take ideas from the given cues
• Function lasted three days.
• Each day devoted to noble cause.
• Special attention to children with special needs
• Visit to old age homes and orphanage
• Book donation camp organised
• Short skit highlighting social concern.
Q3 Read the passage given below.
1 News – If you can't remember the last time, you saw a teenager reading a book, newspaper or magazine, you're not alone. In recent years, less than 20 percent of teens report reading a book, magazine or newspaper daily for pleasure. More than 80 percent say they use social media every day, according to

research published by the World Psychological Association.

2

"Compared with previous generations, teens in the 2010s spent more time online and less time with traditional media, such as books, magazines and television," said lead author of the book yGen and professor of psychology at ABC University. "Time on digital media has displaced time once spent enjoying a book or watching TV."

3

Swaner and her colleagues analysed data concluded from an ongoing study of a nationally representative sample of approximately 50,000 eighth, tenth and twelfth grade students annually. They looked at survey results from 1976 to 2016, representing more than 1 million teenagers. While the study started with only twelfth-graders in the 1970s, eighth- and tenthgraders were added in 1991.

4

Use of digital media increased substantially from 2006 to 2016. Among twelfth-graders, internet use during leisure time doubled from one to two hours per day during that period. It also increased 75 percent for tenth-graders and 68 percent for eighth-graders.

5

"In the mid-2010s, the average twelfth-grader reported spending approximately two hours a day texting, just over two hours a day

on the internet – which included gaming – and just under two hours a day on social media," said Swaner. That's a total of about six hours per day on just three digital media activities during their leisure time."

6

In comparison, tenth-graders reported a total of five hours per day and eighth-graders reported four hours per day on those three digital activities. Consequently the spent time in the digital world is seriously degrading the time they spend on more traditional media such as print books and newspaper.

7

The decline in reading print media was especially steep. In the early 1990s, 33 percent of tenth-graders said they read a newspaper almost every day. By 2016, that number was only 2 percent. In the late 1970s, 60 percent of twelfth-graders said they read a book or a magazine almost every day; by 2016, only 16 percent did. Twelfth- graders also reported reading fewer books each year in 2016 compared to how much they read in 1976, and approximately one- third did not read a book (including e-books) for pleasure in the year prior to the 2016 survey.

8 There's no lack of intelligence among young people. However due to over dependence on digital media they find it difficult to focus for long periods of time and to read long-form text. Subsequently they find it

challenging to understand complex issues and develop critical thinking skills.

On the basis of your understanding of the passage WRITE A NOTE MAKING AND SUMMARY OF THE ABOVE PASSASGE .

Q4 PROJECT –

WRITE POETIC DEVICES OF ALL the poems of your syllabus in A FILE along with the central theme of the poems.

Q 5 Learn all class work.

CLASS 11 BIOLOGY

1. Prepare chapter wise question answer sets from chapter 1-10.
   (Total 5 questions from each chapter; 02=MCQ, 02= Short answer questions & 01= Diagram based question)
2. Solve provide sample paper for half yearly exam preparation.
3. Complete your practical file work as instructed.
4. Start working on your investigatory project.
   (a) Select topic and intimate
   (b) Think over and collect content.
   (c) Arrange in soft copy

CLASS: XII

कक्षा-बारहवीं(शरदकालीन अवकाश-गृहकार्य)2023-24
विषय- हिन्दी

लिखित भाग

प्रश्न 1- अभिव्यक्ति और माध्यम के पाठ 3,4,5 से पाँच-पाँच बहुविकल्पीय प्रश्न तैयार करके लाएँ।

प्रश्न 2– एक गीत, कविता के बहाने, कवितावली- इन कविताओं का काव्य-सौन्दर्य लिखिए ।

प्रश्न 3– सीबीएसई द्वारा प्रदत्त प्रतिदर्श प्रश्नपत्र को हल कीजिए ।

प्रश्न 4 – वितान के पढ़ाए गए पाठ से दस बहुविकल्पीय प्रश्न तैयार करें।

प्रश्न 5. विद्यालय - पत्रिका प्रकाशित हो रही है। अतः आप अपनी लिखी कोई कविता / कहानी/लेख/ कोरोना के अनुभव आदि विद्यालय खुलते ही मुझे जमा करेंगे।

अभ्यास भाग

प्रश्न 1– जनसंचार से सम्बंधित भाग का अभ्यास कीजिए ।

प्रश्न 2– वितान पुस्तक के समस्त पाठों का अभ्यास कीजिए ।

प्रश्न 3– आरोह के समस्त पाठों का अभ्यास कीजिए ।

Q.2 Make a Project file on a Topic given as below

TOPIC	ROLL NO
DETERMINATION OF INCOME AND EMPLOYMENT	1,9
NATIONAL INCOME AGGREGATES AND CALCULATING OF NATIONAL INCOME	2,10
GOVERNMENT BUDGET	3,11
RURAL DEVELOPMENT	4,12
HUMAN CAPITAL FORMATION	5,13
EMPLOYMENT	6,14
Comparative Development Experience of India with Its Neighbours	7,15
NEW ECONOMIC REFORMS	8,16

1. Explain the following terms: (i) Domestic territory (ii) Normal Residents (iii) Factor income and Transfer Income (iv) Final goods and Intermediate goods (v) Consumption goods and Capital Goods

2. Explain the following terms: (i) Indirect Tax (ii) subsidies (iii) Depreciation (iv) Net Factor Income from Abroad

2. National Income and related aggregates

i. Describe the steps involved in the estimation of national Income a by : (i) Income Method (ii) Expenditure Method (iii) value Added Method

4. Explain the problem of Double Counting in estimation of National Income, with the Help of an example. Also explain two alternative ways of avoiding the problems.

5. Define Barter Exchange and explain its limitations.

6. Define the following terms: (i) Money (ii) Narrow Money (iii) Broad money (iv) high Powered Money

7. Define Credit (Money) multiplier. Explain Credit Creation function of the commercial Bank with the use of a numerical illustration.

8. Explain various functions of Central Bank (RBI)

9. "India became exporter of primary product and importer of finished goods during the British Rule." Comment.

10. Discuss briefly, the rationale behind "Equity with Growth" as planning objectives for Indian Economy.

11. "India is often called as 'Outsourcing Destination' of the world. Comment on it.

Class 12th (Humanities)

Subject :- History

(1) Prepare the project file on given topics.

(2) Write the notes / summary of the chapter "Colonialism and the countryside" in your notebook.
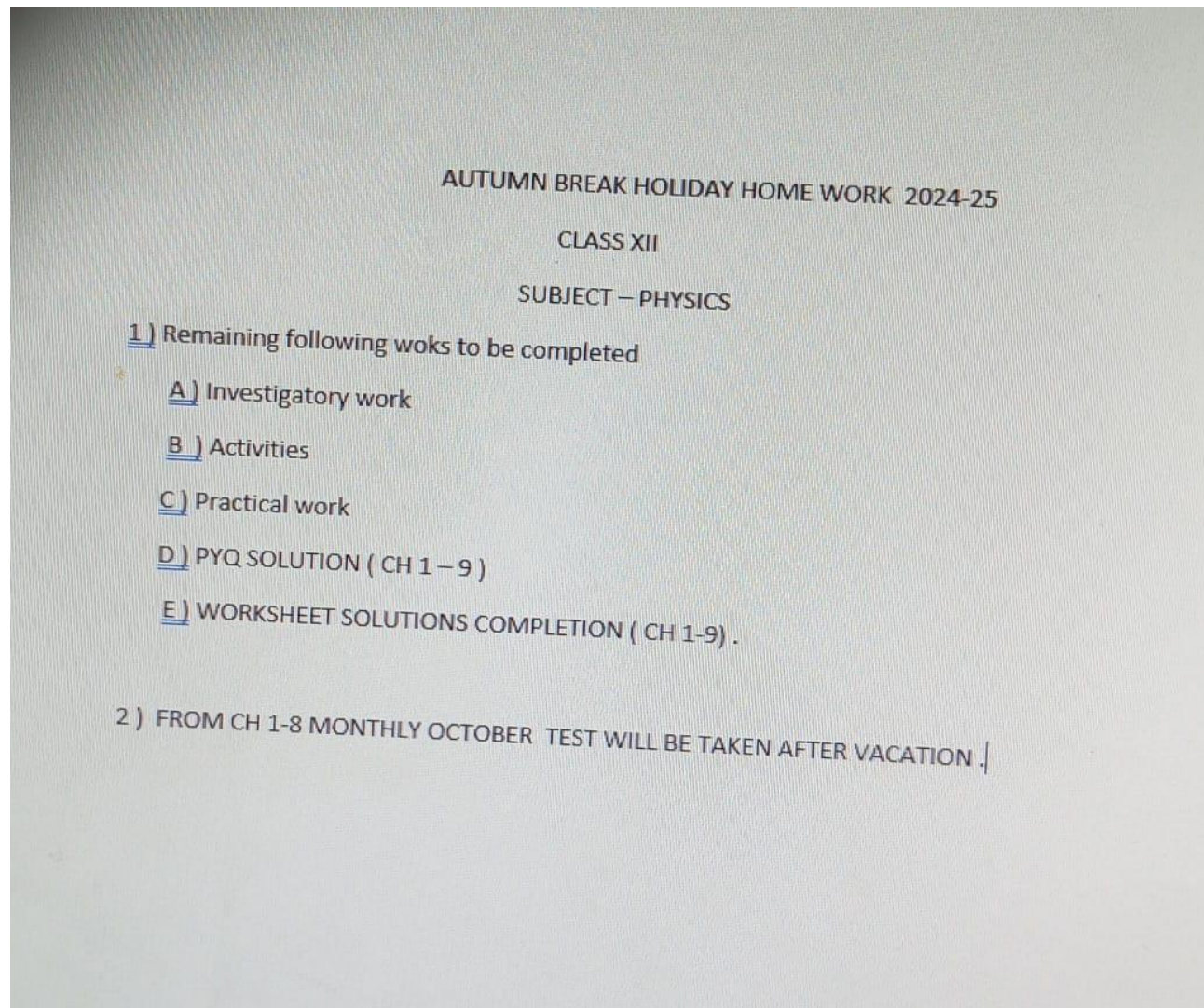
AUTUMN BREAK HOLIDAY HOME WORK 2024-25

CLASS XII

SUBJECT – PHYSICS

1) Remaining following woks to be completed

   A) Investigatory work

   B) Activities

   C) Practical work

   D) PYQ SOLUTION (CH 1 – 9)

   E) WORKSHEET SOLUTIONS COMPLETION (CH 1-9).

2) FROM CH 1-8 MONTHLY OCTOBER TEST WILL BE TAKEN AFTER VACATION.

1. Prepare chapter wise question answer sets from chapter 1-10.
   (Total 5 questions from each chapter; 02=MCQ, 02= Short answer questions &
   01= Diagram based question)
2. Solve CBSE new pattern sample paper (Questions from completed chapters only).
3. Complete your practical file work as instructed.
4. Complete your investigatory project work & share your project work in soft copy
   for analysis

Autumn Break

Holiday Home Work 2024-25

(Geography, Class – 12 B)

1. Map work(World)

a. The largest country in each continents in terms of area

b. Areas of subsistence gathering

c. Major areas of nomadic herding of the world

d. Major areas of commercial livestock rearing

e. Major areas of extensive commercial grain farming

f. Major areas of mixed farming

g. Ruhr region, Silicon Valley, Appalachian region, Great lakes region

h. Terminal stations of Trans Siberian Railway, Trans Canadian Railway, Trans –

Australian Railway

i. Major Sea Ports: North Cape, London, Hamburg, Vancouver, San Francisco, New

Orleans, Rio-De-Janeiro, Colon, Valparaiso, Suez, Cape town, Yokohama, Sanghai,

Hong Kong, Aden, Karachi, Kolkata, Perth, Sydney, Melbourne, Suez Canal, Panama

Canal, Rhine Waterway, St. Lawrence Seaway

j. Major Airports: Tokyo, Beijing, Mumbai, Jeddah, Johannesburg, Nairobi, Moscow,

Paris, Berlin, Rome, Chicago, New Orleans, Mexico City, Buenos Aires, Santiago,

Darwin, Wellington, Sao Paulo

2. Map work(India) :

a. State with highest level of urbanisation and lowest level of urbanistion

b. One state with highest level of HDI& One lowest level of HDI

c. State with higher level of population density& one state with lowest level of population

density(2011)

d. City with more than 10 million population - Greater Mumbai, Delhi, Kolkata, Chennai,

Bengaluru

3. Leading producing states of the following crops:

a. Rice, b. Wheat, c. Cotton, d. Jute, e. Sugarcane, f. Tea, g. Coffee

b. Iron –ore mines: Mayurbhanj, Bailadila, Ratnagiri, Bellary

c. Manganese mines: Balaghat, Shimoga

d. Copper mines: Hazaribagh, Singhbhum, Khetri

e. Bauxite mines: Katnai, Bilaspur, Koraput

f. Coal mines: Jharia, Bokaro, Barauni

g. Oil Refineries: Mathura, Jamnagar

h. Iron & steel Plants: Bhadravati, Bhilai, Durgapur, Raurkela, Jamshedpur

i. Cotton Textile: Surat, Varanasi, Murshidabad, Sholapur, Coimbatore

j. Software technology Park: Gandhinagar, Srinagar, Mohali, Noida, Indore, Hyderabad

Major Industrial Regions

l. Important nodes on North – South, east – West Corridor & Golden Quadrilateral.

m. Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai,

Vishakhapatnam, Paradwip, Haldia

n. International Air ports: Ahmedabad, Kolkata, Guwahati, Delhi, Amritsar

..question answers of work sheet

KV AFS NALIYA

H.Hw FOR AUTUMN BREAK , SESSION 2024

SUBJECT – ENGLISH

Class 12 A , B

Q1 You have bought a new house in Meerut. Draft an invitation inviting your friends and relatives to the house warming ceremony. Mention day, date, time and venue. As Rajesh Sharma, draft the invitation in about 50 words.

Q2 You are Manoj / Meena. You have received an invitation from your friend Vijay to a party to celebrate his admission in a prestigious Management Institute. Write an informal letter in about 50 words accepting the invitation. Mention day, date, time and venue.

Q3 Attempt any ONE from A and B given below : 5

A You are Amanpreet Kaur, a fresh graduate (Lady Shriram College of Commerce, Delhi). You saw the given advertisement in the Times of India and wish to apply for the position advertised. Write a letter to Malik Sons & Company, 1/101, (LGF), Old Rajendra Nagar, Delhi, along with your bio-data, expressing your interest in the advertised post in 120-150 words.

SITUATION VACANT

Required Semi -Qualified Audit Assistants & Computer Operators with 2 years of Experience for "Account and Finance" CA Firm. High salary for deserving candidates.

Apply to "Director, Malik Sons & Company, 1/101, (LGF), Old

Rajendra Nagar, Delhi Em:mkcompany.hr@gmail.com within 7 days with complete Bio-Data

Q4 PROJECT – WRITE POETIC DEVICES OF ALL the poems of your syllabus in a file along with the central theme of the poems.

Q 5 Learn all class work for Pre- Board I .

KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION

CLASS: XII	**WORKSHEET No: 01**
CHAPTER: SOLUTION	**TIME: 35 MINUTES**

Q.1 Increasing the temperature of an aqueous solution will cause:
   (a) decrease in molality   (b) decrease in molarity
   (c) decrease in mole fraction   (d) decrease in % (w/w)

Q.2 The value of Henry's constant K_H is:
   (a) greater for gases with higher solubility (b) greater for gases with lower solubility.
   (c) constant for all gases.   (d) not related to the solubility of gases

Q.3 Which of the following condition is not satisfied by an ideal solution?
   (a) $\Delta H_{mixing} = 0$ (b) $\Delta V_{mixing} = 0$
   (c) Raoult's Law is obeyed   (d) Formation of an azeotropic mixture

Q.4 If 2 gm of NaOH is present is 200 ml of its solution, its molarity will be_
   (a) 0.25 mol L^{-1} (b) 0.5 mol L^{-1}
   (c) 5 mol L^{-1} (d) 1.0 mol L^{-1}

Q.5 If two liquids A and B form minimum boiling azeotrope at some specific composition then _____.
   (a) A—B interactions are stronger than those between A—A or B—B.
   (b) vapour pressure of solution increases because a greater number of molecules of liquids A and B can escape from the solution.
   (c) vapour pressure of solution decreases because a smaller number of molecules of only one of the liquids escape from the solution.
   (d) A—B interactions are weaker than those between A—A or B—B

Given below are two statements labelled as Assertion (A) and Reason (R) Select the most appropriate answer from the options given below:
   (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 true but R is false
   (d) A is false but R is true

Q.6 Assertion (A): Azeotropic mixtures are formed only by non-ideal solutions and they may have boiling points either greater than both the components or less than both the components.
Reason (R): The composition of the vapour phase is same as that of the liquid phase of an azeotropic mixture.

Q.7 Assertion (A): Soda bottles are sealed under high pressure.
   Reason (R): High pressure increases the solubility of carbon dioxide gas

Answer the questions in short

Q.1 (a) Define Mole fraction: (b) Azeotropes
Ans:_____
_____
_____
_____

Q.2 State the law co-relating the pressure & solubility of a gas in a liquid. State an application of this law.
Ans:_____
_____
_____
_____

Q.3 What type of deviation is shown by mixture of ethanol and acetone? Give reason.
Ans:_____
_____
_____
_____

Q.04 Write two differences between the solutions showing positive & negative deviation from Raoult's law.
Ans:

Solutions having Positive deviation	Solutions having Negative deviation

Q.05 On mixing liquid X and liquid Y, the volume of the resulting solution increases _
 (a) What type of deviation from Raoult's law is shown by the resulting solution?
(b) What change in temperature would you observe after mixing liquids X and Y?
Ans:

(a) _____

(b) _____

Q.06 A solution of glucose ($C_6H_{12}O_6$) in water is labelled as 10% by weight. What would be the molality of the solution? (Molar mass of glucose = 180 g mol^{-1})
Ans:

CLASS: XII   **WORKSHEET No: 02**
CHAPTER: SOLUTION   **TIME: 35 MINUTES**

Q.1 Colligative properties depend on:
    (a) the nature of the solute   (b) the number of solute particles in solution
    (c) the physical properties of solute   (d) the nature of the solvent

Q.2 The most suitable colligative property to determine molecular weight of biomolecules is:
    (a) Lowering of vapour pressure   (b) Osmotic pressure
    (c) Elevation of boiling point   (d) Depression of freezing point

Q.3 Which has highest boiling point:
    (a) 1 M Glucose   (b) 1 M NaCl
    (c) 1 M $CaCl_2$ (d) 1 M AlF_3

Q.4 A beaker contains a solution of substance 'A'. Precipitation of substance 'A' takes place when small amount of 'A' is added to the solution. The solution is _____.
    (a) saturated   (b) supersaturated
    (c) unsaturated   (d) concentrated

Q.5 The values of Van't Hoff factors for KCl, NaCl and K_2SO_4, respectively, are_____.
    (a) 2, 2 and 2   (b) 2, 2 and 3
    (c) 1, 1 and 2   (d) 1, 1 and 1

Given below are two statements labelled as Assertion (A) and Reason (R) Select the most appropriate answer from the options given below:
    (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 true but R is false
    (d) A is false but R is true

Q.6 Assertion(A): Boiling point of 0.1 M KCl solution is higher than 0.1 M Glucose solution.
Reason: Glucose is a non-electrolyte while KCl molecule dissociates in aqueous state.

Q.07 Assertion (A): Human blood cell swell-up when it is placed in a NaCl solution having concentration more than 0.9%.
Reason (R): Osmosis involves movement of solvent molecules from its higher concentration to its lower concentration.

Answer the questions in short

Q.1 Define (a) Abnormal molar mass: (b) van't Hoff factor
Ans:_____
_____
_____
_____

Q.2 Give reasons:
(a) RBC shrink when placed in saline water but swell in distilled water.
(b) 0.1 M KCl has higher boiling point than 0.1 M Glucose.
Ans:_____
_____
_____
_____
_____
_____
_____

Q.3 A solution of glycerol ($C_3H_8O_3$) in water was prepared by dissolving some glycerol in 500 g of water. This solution has a boiling point of 100.42°C. What mass of glycerol was dissolved to make this solution? (Kb for water = 0.512 K Kg mol^{-1})

Ans:_____
_____
_____
_____
_____

Q.4 A solution containing 15 g urea (molarmass= 60 g mol^{-1}) per liter solution in water has the Same osmotic pressure (isotonic) as a solution of glucose (molar mass= 180 g mol^{-1}) in water. Calculate the mass of glucose present in one liter of its solution.
Ans:_____
_____
_____
_____

Q.5 Calculate the freezing point of a solution when 20 g of $CaCl_2$ (M=111 g mol^{-1}) was dissolved in 500 g of water, assuming $CaCl_2$ undergoes complete ionization. (K$_f$ for water = 1.86 K kg mol^{-1})
                              OR
Calculate the boiling points of solution when 2 gm of Na_2SO_4 (molecular mass 142 gm/mol) was dissolved in 50 gm of water assuming Na_2SO_4 undergoes complete ionization. (K$_b$ for water = 0.52 K Kg mol^{-1})
Ans:_____
_____
_____
_____
_____

CLASS: XII   **WORKSHEET No: 01**
CHAPTER: ELECTROCHEMISTRY   **TIME: 35 MINUTES**

Q.1 The difference between the electrode potentials of two electrodes when no current is drawn through the cell is called_____
    (a) Cell potential   (b) Cell emf   (c) Potential difference (d) Cell voltage

Q.2 An electrochemical cell can behave like an electrolytic cell when _____
    (a) $E_{cell} = 0$ (b) $E_{cell} > E_{ext}$ (c) $E_{ext} > E_{cell}$ (d) $E_{cell} = E_{ext}$

Q.3 The positive value of the standard electrode potential of Cu^{2+}/Cu indicates that _____
    (I) This redox couple is a stronger reducing agent than the H^+/H_2 couple.
    (II) this redox couple is a stronger oxidising agent than H^+/H_2.
    (III) Cu can displace H_2 from acid.
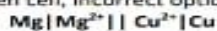   (IV) Cu cannot displace H_2 from acid.

Identify the correct statement/s:
    (a) Statement I & III   (b) Statement I & IV
    (c) Statement II & III   (d) Statement II &IV

Q.4 Which of the following statement is wrong about a galvanic cell?
    (a) cathode is positive charged   (b) anode is negatively charged
    (c) reduction takes place at the anode   (c) reduction takes place at the cathode

Q.5 For the given cell, Incorrect option is:
$$Mg|Mg^{2+}||Cu^{2+}|Cu$$
    (a) Mg is Anode   (b) The cell reaction is $Mg^{2+} + Cu \rightarrow Mg + Cu^{2+}$
    (c) Cu is cathode   (d) Cu is the oxidising agent

Given below are two statements labelled as Assertion (A) and Reason (R) Select the most appropriate answer from the options given below:
    (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 true but R is false
    (d) A is false but R is true

Q.6 **Assertion :** Assertion: Copper sulphate can be stored in zinc vessel.
    Reason: Zinc is more reactive than copper.

Q.7 **Assertion:** E_{cell} should have a positive value for the cell to function.
    Reason: for a possible/feasible cell reaction the reduction potential should be in order $E_{cathode} < E_{anode}$.
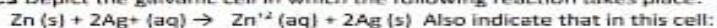
Answer the questions in short

Q.1 Given that the standard electrode potentials ($E°$) of metals are
$K^+/K=-2.93$ V, $Ag^+/Ag=+0.80$ V, $Cu^{2+}/Cu=+0.34$ V, $Mg^{2+}/Mg=2.97$ V, $Cr^{3+}/Cr=-0.74$ V, $Fe^{2+}/Fe=-0.44$ V.
Arrange these metals in an increasing order of their reducing power.

Ans:_____

Q.2 Fluoride does not exhibit any positive oxidation state. Why?
Ans:_____

Q.3 Depict the galvanic cell in which the following reaction takes place:
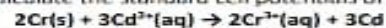 $Zn (s) + 2Ag+ (aq) \rightarrow Zn^{+2} (aq) + 2Ag (s)$ Also indicate that in this cell:
        (i) Which electrode is negatively charged?
        (ii) What is the carrier of the current in the cell?
        (iii) What is the individual reaction at each electrode?
Ans:(i)_____
(ii)_____
(iii) _____

Q.04 Calculate the standard cell potentials of galvanic cell in which the following reaction take place:
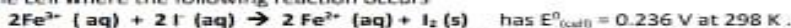 $2Cr(s) + 3Cd^{2+}(aq) \rightarrow 2Cr^{3+}(aq) + 3Cd$
Calculate the $\Delta rG°$ value for the reaction. Given $E°_{(Cr3+/Cr)} = -0.74$ V ; $E°_{(Cd2+/Cd)} = -0.40$ V , F= 96500 C mol⁻¹)
Ans:_____
_____
_____
_____

Q.05 The cell where the following reaction occurs
    $2Fe^{3+} (aq) + 2 I^- (aq) \rightarrow 2 Fe^{2+} (aq) + I_2 (s)$ has $E°_{(cell)} = 0.236$ V at 298 K .
Calculate the standard Gibbs energy of the cell reaction. (Given: 1 F = 96500 C mol⁻¹)

Ans:_____
_____
_____
_____

Q.06 A voltaic cell is set up at 25°C with the following half cells:
    $Al| Al^{3+}$ (0.0010 M) and $Ni | Ni^{2+}$ (0.50 M)
(i) Write the equation for the cell reaction that occurs when the cell generates an electric current.
(ii) Determine the cell potential. (Given $E°$ (Ni^{2+}/Ni) = - 0.25 V , $E°$ (Al^{3+}/Al) = -1.66 V)
(iii) Write the direction of flow of current when an external opposite potential applied is
        (a) less than 1.41 V and   (b) greater than 1.41 V
Ans:(i)_____

Ans:(ii)_____
_____

Q.1 Which of the statements about solutions of electrolytes is not correct?
    (a) Conductivity of solution depends upon size of ions.
    (b) Conductivity depends upon viscosiy of solution.
    (c) Conductivity does not depend upon solvation of ions present in solution.
    (d) Conductivity of solution increases with temperature.

Q.2 The quantity of charge required to obtain one mole of aluminium from Al_2O_3 is _____.
    (a) 1F   (b) 6F   (c) 3F   (d) 2F

Q.3 The cell constant of a conductivity cell _____.
    (a) changes with change of electrolyte.   (b) changes with change of concentration of electrolyte.
    (c) changes with temperature of electrolyte. (d) remains constant for a cell.

Q.4 Saturated solution of KNO3 is used to make 'salt bridge' because
    (a) velocity of K^+ is greater than that of NO_3^- (b) velocity of NO_3^- is greater than that of K^+
    (c) velocity of both K^+ and NO_3^- are nearly the same   (d)) KNO_3 is highly soluble in water

Q.5 The electrolyte used in Leclanche cell is
    (a) paste of KOH and ZnO   (b) 38% solution of H_2SO_4
    (c) moist paste of NH4Cl and $ZnCl_2$ (d) moist sodium hydroxide

Given below are two statements labelled as Assertion (A) and Reason (R) Select the most appropriate answer from the options given below:
    (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 true but R is false
    (d) A is false but R is true

Q.6 **Assertion:** For measuring resistance of an ionic solution an AC source is used.
     Reason: Concentration of ionic solution will change if DC source is used.

Q.7 **Assertion:** Conductivity of all electrolytes decreases on dilution.
     Reason: On dilution number of ions per unit volume decreases.

Answer the questions in short

Q.1 Name the type of cell which was use in Apollo space programme for providing electrical power
Ans: _____

Q.2 Write two advantages of fuel cell.
Ans   (1) _____
       (2) _____

Q.3 (a) What type of cell is a lead storage battery?
(b) Write the anode and cathode reactions and the overall cell reaction occurring in the use of a lead storage battery?
Ans: (a)_____

(b)_____
_____

Q.04 Calculate the time to deposit 1.17 g of Ni at cathode when a current of 5 A was passed through the
solution of $Ni(NO_3)_2$.   (Molar mass of Ni=58.5 g mol^{-1}, 1F = 96500 C mol^{-1})
Ans:_____
_____
_____
_____

Q.05 (a) What is the role of $ZnCl_2$ in a dry cell?
(b) Account for the following: -
    (i) Alkaline medium inhibits the rusting.
    (ii) Iron does not rust even if zinc coating is broken down at any point in a galvanized pipe.
Ans:
(a)_____

(b)(i) _____

(ii) _____

Q.06 During the construction of some public building, the contractor intends to fix iron frames for windows and railings to reduce the cost of construction. After due considerations, it is finally recommended to use aluminium frames for windows and steel railings instead of iron.
 Answer the following questions:
(i) As a chemist, do you agree with the new recommendations?   (ii) Give reasons for your choice.
Ans:

(i)_____

(ii)_____

Q.7 The conductivity of 0.001 mol L^{-1} solution of CH$_3$COOH is 3.905×10^{-5} S cm^{-1}. Calculate its molar conductivity and degree of dissociation(α).
                Given $\lambda^0(H^+)$ = 349.6 S cm^{2}mol^{-1} and $\lambda^0(CH_3COO^-)$ = 40.9 S cm^2 mol^{-1}.
Ans:_____
_____
_____
_____
_____