Kendriya Vidyalaya AFS Naliya
Holiday Homework 2023-24

CLASS: II

Class- 2   sub – English

Holiday home work

1. Write 25 pages of handwriting.
2. Do reading practice daily.
3. Learn full chapter with exercise My bicycle and out- out.
4. Learn poem 'It is Fun'.
5. Write few lines about summer season.
6. Make a ball by waste material objects.
7. Ask your grandparents or parents to tell you about a game that they had played in their childhood. Find out about it in detail and also write in their own words.
8. Learn and write given spelling.

(Pedal,aside,track, carrier,brake, skipped,throw, stopped, string,scattered,caught,shouted,lamb,climbed,swim,trot, remove, difficulties)

MULTI DISCIPLINARY PROJECT(2024-25)

CLASS -II

SUBJECT : ENVIRONMENTAL STUDIES

Q 1.Draw a plant and label it's part.

Q 2.Draw or paste picture of wild animals and domestic animals. (any five each) Write their name also.

Q 3. Draw the picture of sense organs.

Q 4. Write the importance of sense organs.

Q 5. Write five lines about yourself.

Q 6.Make a thank you card for your grandfather and grandmother or father and mother.

कक्षा-२

विषय: हिंदी

१. क से ज्ञ तक बारहखड़ी लिखें।

२. घर कविता याद करें।

३. १ से २० तक गिनती लिखें।(शब्दों में)

४. १० सुलेख लिखें।

५. प्रतिदिन पठन अभ्यास करें।

६. आ से अ: तक की प्रत्येक मात्रा के पाँच-पाँच शब्द लिखें।

७. निम्न शब्दों का प्रयोग करके वाक्य बनाओ:

पायल –   अपना-

खाना-   सुन्दर -

सब्ज़ी –   घर-

मैदान –   डाकिया -

गोदी -   चाँदी-

Holiday Homework for Summer vacation
Class 2 Maths

1 Write the numbers in their short form. One has been done for you.

(a) 2 tens 8 ones   =   28

(b) 5 tens 4 ones   =

(c) 9 tens 3 ones   =

(d) 7 tens 1 ones   =

(e) 3 tens 8 ones   =

(f) 5 tens   =

(g) 4 tens 6 ones   =

2 Expand the numbers. One has been done for you.

(a) 42   = $40 + 2$

(b) 15   =

(c) 64   =

(d) 26   =

(e) 98   =

(f) 81   =

(g) 53   =

3 Form the smallest and greatest two digit numbers without repeating the digits. One has been done for you.

Digits		Smallest	Greatest
(a) 1, 2	⇒	12	21
(b) 3, 5	⇒	....	....
(c) 4, 7	⇒	....	....
(d) 9, 6	⇒	....	....
(e) 7, 8	⇒	....	....
(f) 5, 4	⇒	....	....
(g) 2, 9	⇒	....	....
(h) 8, 1	⇒	....	....

4 Write the numbers in words.

(a) 5 ....

(b) 24 ....

(c) 16 ....

(d) 57 ....

(e) 34 ....

(f) 10 ....

(g) 47 ....

(h) 99 ....

(i) 91 ....

(j) 61 ....

5 Write the number for each word.

(a) Nine ....

(b) Fourteen ....

(c) Fifty ....

(d) Ninety two ....

(e) Seventy two ....

(f) Fifty one ....

(g) Eighty seven ....

(h) Ten ....

(i) Eighteen ....

(j) Sixty six ....

6 Write the number that comes before, between and after each number.

Before	Between	After
......., 4, 5	7, ..., 9	19, 20 ....
......., 13, 14	16, ..., 18	31, 32 ....
......., 47, 48	5, ..., 7	8, 9 ....
......., 61, 62	42, ..., 44	15, 16 ....

7. Write down *place* and *place value*

1. 34

	3	4
Place	Tens	Ones
Place value	30	4

2. 73

	7	3
Place		
Place value		

3. 61

	6	1
Place		
Place value		

4. 82

	8	2
Place		
Place value		

5. 50

	5	0
Place		
Place value		

8. Learn **(Do not write)** the spellings of Ordinal numbers from First to Twentieth

9. Learn **(Do not write)** the spellings of Cardinal numbers from One to Hundred

CLASS: III

Hindi holiday home work

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KENDRIYA VIDYALAYA AFS NALIYA

MATHS

1.Learn tables 2 to 15.

2. Write number names of 101 to 200 .

3. Do two sums of addition ,subtraction, multiplication and

Division daily.

4. Make the following shapes using matchsticks on A-4 sheetTriangle , rectangle, square pentagon(5 sides) hexagon(6 sides)

5. On a dot grid , draw your own designs and shapes .(any five)

SUBJECT-HINDI

Hindi holiday home work

Class- 3

1. वर्णमाला दो बार लिखें।
2. अपनी उत्तर पुस्तिका मे 25 सुलेख लिखें।
3. प्रतिदिन पाठये पुस्तक से एक पेज पढ़ने का अभ्यास करे।
4. 1 से 50 तक गिनती शब्दों मे लिखें।
5. 'सीखो व चींटी' कविता याद करनी है।
6. प्रतिदिन अख़बार से एक नया शब्द अर्थ सहित लिखकर उन्हें वाक्यों मे प्रयोग करके लिखें।
7. अपने ग्रीष्म कालीन अवकाश के बारे में 20 वाक्य लिखने है।

SUBJECT : ENVIRONMENTAL STUDIES

Q 1. Draw a labelled diagram of water cycle.

Q 2. Make a poster on save water. Write the uses of water.

Q 3. Collect and paste 5 different types of leaves on A-4 sheet. Name them and write their uses.

Q 4. Draw any five animals or birds by thumb prints on A4 sheet.

Q 5. Draw different containers where water is stored in your home and also name them.

Q 6.Make a bird bath.(Take a flat container and place it on the balcony or outside of your home. Pour some fresh water in it every day for birds.

Also have a selfie with it.

(Make a separate notebook for holiday homework.)

English holiday homework

1.

A. Look at the pictures. They show a story of two friends: a pigeon and an ant. But the pictures are jumbled up. Number them to get the correct order to make a story.

B. Now fill in the blanks using the words in the box to complete the story.

| leaf | flew | branch | climbed | fell | stream | hunter |

A dove was resting on a _____ of a tree near a _____. An ant _____ into the stream and cried for help. The dove dropped a _____ into the stream. The ant _____ on the leaf and landed safely. Another day the ant saw a _____ aiming at the dove. She quickly climbed up and bit the hunter's hand. The dove _____ away unhurt.

2. Read about Garv's family and choose the correct answer.

S.No	Name	Relation	Agr(years)
1	Garv	Myself	8 years
2	Nishu	Sister	14 years
3	Honey	Brother	10 years
4	Priya	Mother	38 years
5	Mukesh	Father	42 years

(i) How old is Garv?

(a) 14 years old
(b) 8 years old
(c) 10 years old

(ii) Who is 14 years old?
(a) Garv
(b) Nishu
(c) Mukesh

(iii) Who is Priya?
(a) Garv's Mother
(b) Garv's Father
(c) Garv's Sister

(iv) Nishu is Garv's _____.
(a) Mother
(b) Father
(c) Sister

(v) Garv's family has _____ members.
(a) three
(b) four
(c) five

3.

Look at the picture and write 4–5 sentences about the 'Uses of Trees'. You may use the words given in the picture.

medicines
flowers
oxygen
cotton
paper
fruits
pencil
furniture

Trees are useful to us because
1. They give us fruits

4.
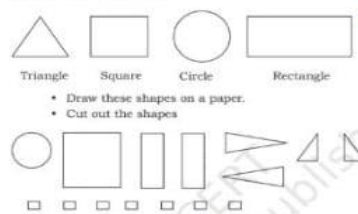
Write the action which we do with the help of our following body parts.

Parts of the body	Action and doing words
Hand	Clapping, writing
Legs	
Ear	
Eyes	
Mouth	

Learning, Running, Talking, Shouting, Eating, Jumping, Enjoying Music, Looking, Walking, Seeing, Watching, Listening, Smiling
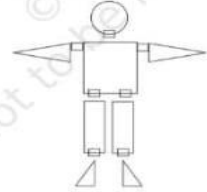
5.

Look at these shapes.

Triangle   Square   Circle   Rectangle

- Draw these shapes on a paper.
- Cut out the shapes

- Paste the shapes on a plain paper or chart and try to make a man, car, house, door or anything. One is done for you.

6. Write 3–4 sentences on a journey you have experienced using below words.

Cycle, Bus, Taxi, Train, Metro, Aeroplane

7. Punctuate the given passage using full stop (.), question mark (?), comma (,) and capital letters.

Today is a festival day nancy ali and raju are very happy their mother has prepared sweets for the children

nancy is decorating the house ali and raju are packing gifts for everyone.

8. Read 10 lines of any English book everyday.

CLASS: IV

KENDRIYA VIDYALAYA AFS NALIYA

MULTI DISCIPLINARY PROJECT

CLASS – IV   SUBJECT- ENGLISH   THEME- WATER

1. Worksheets will be delivered on whatsapp group related to water. Children will take out and compile the same in the project file after completing the worksheet.

2. Write an essay on "IMPORTANCE OF WATER IN OUR LIFE".

3. Write some of the steps on how you will contribute to stop the wastage of water in our surrounding. (ANY 5 POINTS).

4. Make a POSTER on "CONSERVATION OF WATER "in an A4 size paper and compile the same in project file.

5. Write a note on "a day without water" in about 100 words.

KENDRIYA VIDYALAYA AFS NALIYA

MULTI DISCIPLINARY PROJECT

CLASS – IV　　　　**SUBJECT- MATHS**　　　**THEME- WATER**

Worksheets will be delivered on whatsapp group. Children will take out and compile the same in the project file after completing the worksheet.

Prepare a chart of water used by the members of your family for doing various work. Select a day for this and note down your observations in a chart. water used must be in LITRES or MILLILITRES.

Collect information of any 5 rivers from our country and find out the area covered by them in KMs. Parents will help the children for the said activity.

Take any 5 vessels used by your mother in the kitchen used to store water. Name them, prepare a table and write the storing capacity of each vessel in LITRES and MILLILITRES.

EVS

Q.1 Is there any place near your house, school or along the road side, where trees have been planted? Why people planted trees , write any 3 reasons?

Q.2 Where does plants get water and food to grow ?

Q.3 Why some people cut down the trees ? Write any 5 reasons.

Q.4 Talk to your parents and find out -

(a) Which birds did they see around them when they were of your age?

(b) Have the number of some of these birds become less?

 c) Are there some birds or animals which they can not see any more? Paste there picture.

(d) Where those birds are not seen now ?

Q.5 Why do people hunt?

Q.6 There are rules against hunting of some animals. People can be punished for hunting. Why do you think there is this punishment?

1. उदाहरण देखिए, समझिए और दो-दो शब्द लिखिए।

उदाहरण: क्क - मक्का, धक्का

त्त - _____, _____

ब्ब - _____, _____

च्च - _____, _____

2. मैं कौन ?

★ मेरा कोई रूप नहीं,
औरों का रूप चुराता हूँ,
लोग मुझको देख इतराते हैं।
उत्तर: _____

★ जंगल है पर पेड़ नहीं,
पहाड़ है पर पत्थर नहीं,
नदी है पर पानी नहीं,
बताओ यह क्या?
उत्तर : _____

3. सही जगह पर (ँ) या (ं) लगाकर शब्दों को फिर से लिखिए।
→ ऊचा - _____
→ ठडा - _____
→ कुआ - _____
→ मा - _____
→ ऊट - _____

4. सही जगह नुक्ता (़) लगाकर शब्दों को फिर से लिखिए।
→ नजर - _____
→ आवाज - _____
→ चीज - _____
→ दरवाजा - _____
→ तेजी - _____
→ सिर्फ - _____

5. याद करिए (लिखना नहीं हैं)
❖ मन के भोले भाले बादल कविता
❖ वर्षा ऋतु के बारे में
❖ बादल के बारे में
❖ मन के भोले भाले बादल कविता में और जैसा सवाल वैसा जवाब पाठ में जितना भी कॉपी में कार्य करवाया गया है वो पढ़िए और याद करिए।

1 भारत की प्रमुख 10 नदियों के नाम लिखिए।

2 ऐसे कोई भी 5 मुहावरे लिखिए जिनमें पानी शब्द आता हो। मुहावरों के अर्थ लिखकर वाक्य में प्रयोग करें। (जिन मुहावरों के चित्र बना सकते हैं उनके चित्र भी बनाएं।)
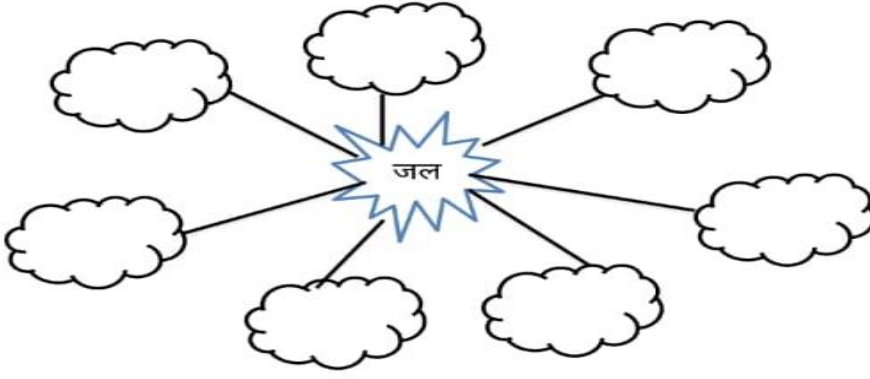
3 जल का महत्व बताती हुई कोई भी छोटी सी कहानी लिखें। (सुनी/पढ़ी हुई या स्वरचित)

अथवा

जल से संबंधित कोई कविता लिखिए। (सुनी/पढ़ी हुई या स्वरचित)

4 यदि धरती पर उपलब्ध सम्पूर्ण जल समाप्त हो जाए तो क्या होगा? छोटा सा अनुच्छेद लिखें और एक दो चित्र भी बनाएं।

5 जल के लिए अन्य शब्द खोजें और लिखें। (यह शब्द अलग अलग भाषा के भी हो सकते हैं)

CLASS: V

KENDRIYA VIDYALAYA AFS NALIYA

MULTI DISCIPLINARY PROJECT

CLASS – V   SUBJECT- ENGLISH   THEME- EARTH

Worksheets will be delivered on whatsapp group related to EARTH. Children will take out and compile the same in the project file after completing the worksheet.

Write an essay on " OUR EARTH".

Make a POSTER on " SAVE EARTH "in an A4 size paper and compile the same in project file.

Write a report in about 100 words on how the activities carried out by human beings disturbed the environment for living beings.

Write any 5 ways through which you contribute towards saving EARTH.

कक्षा - 5
हिंदी ग्रीष्मवकाश कार्य

1. प्रत्येक दिन हिंदी पाठ्यपुस्तक में से 10 पंक्ति पढ़ें।
2. उन पंक्तियों में से कठिन शब्दों के अर्थ लिखो।
3. कठिन शब्दों का वाक्य में प्रयोग करो।
4. नीचे दिए गए चित्र के बारे में लिखो।

नोट - गृहकार्य हिंदी की नोटबुक में करे।

CLASS-V SUBJECT-EVS

1.Locate States of India in political map and write their capitals.(28 States).

2.Locate 10 countries in World political map .

3.Locate seven continents and oceans (three) in World political map.

4. Locate ten National Park of India in Indian political map.

5.. Write one slogan on each topic given below ---(A4 size paper)

   a) cleanliness

b) environment

c) Save water

6. .Project - Model of Digestive System

7.. Collect a few food items having different kinds of taste and do experiment that which part of the tongue taste what?Draw picture given on page 24 and label it.

Subject-Mathematics   Class -V

Guideline for holiday home work

1. Complete and submit the home work by 21st June 2024.

2. Write the holiday home work in a notebook

3. The holiday home work should be done neatly. Each activity to be done at least in one page.

Holiday home work:-

1 .Draw any five 2 D shapes and write their name also.

2. Draw any five 3 D shapes and write their name also.

3. Note down the maximum and minimum temperature of your city from 2nd may 2024 to 20th June 2024

4. Make different shapes with the help of these matchsticks

A.   3 matchsticks   B .4 Matchstick   C. 5 Matchstick

   D. 6   Matchstick   E.7 Matchstick   F.8 Matchstick

5. Revision work of chapter 1 and 2.

6. Make a model of a degree clock.

7. Learn five dictation word from your math magic textbook daily.

8. Draw these angles

75°   80°   90°   130°   170°

 9. Write and learn the square from 1 to 10.

SUBJECT – Library

CLASS X &XII	Read daily news paper	• Read Daily newspaper and stay updated
		• Prepare a news scrapbook by taking important headlines

		• **Prepare a special scrap book on Loksabha Election 2024**
Class IX	**MyHLib (MY Home Library)**	• **Construct a Home Library using creative and innovative ideas- Keep all your books systematically**
Class VIII	**"Know your Family"**	• **Draw a family tree- from (UPTO 5 GENERATIONS) known grandfather/mother to younger child today** • **Write about your family and make a Beautiful caption about your family.** • **Prepare a scrap book on above data.** • **Try to collect the data of culture and traditions followed during festivals in each generation.**
Class VII	**Little Author**	• **Write a short story of your interest (10-15 pages) with a moral and prepare a book with index, preface etc.**
Class VI	**Book Mark & Book Jacket Designing**	• **Write your own slogans about library, reading and books** • **Prepare book marks and book jackets.**

CLASS: VI

Subject- Work Education

Class- VI (A & B)

Q.1. Prepare a chart/ poster on electrical safety rules.

Q.2. Make a project for glowing a bulb using switch, cell/ battery (9V).

Or

Make a project for making a torch using two cells, a torch bulb, switch and wires.

कक्षा – 6 विषय – हिंदी

1 हिंदी भाषा में कोई भी एक कहानी लिखिए।

2 हिंदी भाषा में कोई भी एक कविता लिखिए।

3 स्वच्छ भारत अभियान विषय पर एक अनुच्छेद लिखिए।

4 कोई भी 10 शब्दों के विलोम शब्द लिखिए।

5 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

    फूल, पर्वत, नदी, तालाब, हाथी, देवता, गंगा, माँ, पेड़, नाव, घोड़ा,

6 निम्नलिखित शब्दों के शुद्ध रूप शब्द लिखिए।

    आर्शीवाद, उज्वल, गनेश, समीती, चिन्ह, कवियत्री, विधालय, प्रथ्वी, अथिति, कवी

7 चार पन्ने सुलेख लिखिए।

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केंद्रीय विद्यालय वायुसेना स्थल नलिया

ग्रीष्मकालीन अवकाशस्य गृहकार्यम्

कक्षा – 6 विषय – संस्कृत

1 निम्नलिखित धातुओं के रूप लट्लकार (वर्तमानकाल) में लिखिए।

    चल, हस्, वस्, धाव्, खाद्

2 रिक्तस्थान की पूर्ति कीजिए।

1 .... कथयति। (स:/ते)   2 ....वदथ। (युवाम्/ यूयम्)

3 .... धावाव:। (अहम्/ आवाम्)   4 .... कूर्दत:। (स:/ तौ)

5 .... क्रीडसि। (अहम्/ त्वम्)   6 अहम्...............। (वदति/ वदामि)

7 युवाम्................। (खादति/ खादसि)   8 वयम्...............। (चलाव:/ चलाम:)

9 ते ....। (गच्छामि/ गच्छति)   10 सा ....। (नृत्यति/ नृत्यसि)

3 निम्नलिखित संख्याओं को संस्कृत में लिखिए।

    6, 10, 14, 18, 20, 24, 27, 30, 35, 38, 40, 42, 45, 47, 50

4 सर्वनाम शब्द याद कीजिए।

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VI-B(SST)

KENDRIYA VIDYALAYA AFS NALIYA

SUMMER VACATION HOME WORK

CLASS VI SOCIAL SCIENCE

Q.1 WRITE THE NAME OF CHIEF MINISTERS OF ALL THE STATE OF INDIA.

Q.2 COLLECT THE DIFFERENT TYPES OF ADVERTISEMENT PICTURES AND PASTE ON THE SCRAB BOOK.

Q.3 WRITE THE HEADLINES OF EVERY DAY.

Q.4 WRITE THE CAPITAL OF ANY 50 COUNTRIES.

Q.5 WRITE THE NAME OF CURRENCIES OF 20 COUNTRIES.

Holiday HW
Art Education

Class 6th : Craft & Drawing
Students will make different types of craft activities in 2D or 3D with waste materials.

Kendriya Vidyalaya AFS Naliya
Holiday Homework for Summer vacation

Class-6th   Sub- English

1. Write a receipe of two of your favourite dishes.
2. Write 10-10 examples of Homophones, Homonyms and Homographs.
3. Write down paragraph on given topic
   a. Importance of Discipline in our life
   b. Importance of yoga
   c. My favourite sports player
4. Make a list of any 30 verbs and its past forms.
5. Make a beautiful poster on the given topic
   "Say no to Plastic" and   " Healthy lifestyle "
6. Read newspaper or magazines and write down any 5 puzzles from it.

SUMMER HOLIDAYS HOME WORK 2024-2025

SUBJECT- SOCIAL SCIENCE

Class VI A:

- Political Science-
  - Write the result summary of Lok Sabha elections 2024 in your notebook.
  - What is a Gram Panchayat? Write down its main functions.
- Geography-
  - What is a Globe? How it is useful?
  - Make a presentation of food habits, dresses and languages of the following regions of India-
    - i. Northern India
    - ii. Southern India
    - iii. Eastern India
    - iv. Western India
    - v. Central India
- History-
  - Today we use money to purchase our daily use things. But how things were purchased in the historical times? Use pictures to highlight your answer.
  - Name the ancient cities that developed on the banks of Indus river (Indus Valley Civilisation).
- Map work-
  - Mark the following rivers on the physical map of India-
    Ganga, Yamuna, Brahamputra, Godavari, Mahanadi, Kaveri, Krishna, Subarnarekha, Ravi, Narmada

SUBJECT- MATH

Class VI-(A+B)

Question 1.
Write the smallest three digit number whose value does not change on reversing its digits.

Question 2.
Write the greatest three digit number which does not change on reversing its digits.

Question 3.
Write 438 in its expanded form.

Question 4.
The capacity of a water tank is 300 litres. Express its capacity in millilitres.

Question 5.
What is the place value of 7 in 1743?

Question 6.
A student multiplied 3759 by 231 instead of multiplying by 213. How much was his product greater than the correct product?

Question 7.
Write each of the following numbers in figures:
(a) Eighty-one million four hundred twelve thousand six hundred fifty.
(b) Twenty million three hundred eighty thousand one hundred.
(c) Ninety million nine.
(d) Forty-nine million seven hundred eighty two thousand fifty eight.
(e) Six millions three hundred fifty-two thousand nine hundred forty-six.
(f) Seven crore twenty-three lakh eighty-six thousand, five hundred ninety-four.
(g) Fifty crore forty lakh sixty thousand nine.
(h) Nineteen crore, ninety lakh, fourteen thousand, six hundred eighty.

Question 8.
Write the smallest and the greatest 5-digit numbers using the digits 0,2,4,6,8 (Repetition of digits is not allowed).

Question 9.
Write the following numbers in ascending order. How many of them are even numbers?
63,854, 63,584, 65,348, 68,543, 64,835

Question 10.
Write the missing digits in the following sums:

(a)
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    4  1  □  8  7
    1  □  4  3  2
 +  2  5  3  □  9
 _____
    □  4  6  0  □
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(b)
```
    8  □  4  5  □
 -  6  7  □  □  8
 _____
    □  4  7  7  5
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Question 11.
To stitch a pant 1 m 15 cm cloth is needed. Out of 36 m cloth, how many pants can be stitched and how much cloth will remain?

Question 12. Write each of the following in expanded notation:

(i) 3057

(ii) 12345

(iii) 10205

(iv) 235060

Question 13. Write the corresponding numeral for each of the following:

(i) 7 × 10000 + 2 × 1000 + 5 × 100 + 9 × 10 + 6 × 1

(ii) 4 × 100000 + 5 × 1000 + 1 × 100 + 7 × 1

(iii) 8 × 1000000 + 3 × 1000 + 6 × 1

(iv) 5 × 10000000 + 7 × 1000000 + 8 × 1000 + 9 × 10 + 4

Question14. Determine the product of the place values of two fives in 450758.

Question 15. Determine the difference between the place value and the face value of 5 in 78654321.

Question 16. Put the appropriate symbol (<, >) in each of the following boxes:

(i) 102394 □ 99887

(ii) 2507324 □ 2517324

(iii) 3572014 □ 10253104

(iv) 47983505 □ 47894012

Question 17. Arrange the following numbers in ascending order:

(i) 102345694, 8354208, 6539542, 63547201, 12345678

(ii) 1808090, 1808088, 181888, 190909, 16060666.

Question 18.
There are two factories located at place P and the other at place Q. From these factories, a certain commodity is to be delivered to each of the depots situated at A, B and C. Weekly production of commodity by P and Q are 120 kg and 150 kg respectively. Weekly requirement of commodity by A, B and C are 80 kg, 90 kg and 100 kg respectively. P delivers 60 kg to A, 40 kg to B and 20 kg to C. How much amount of the commodity should Q deliver to A, B and C to meet their requirement? If the rate of the commodity is Rs 20 per kg, find the total amount to be paid to P and Q.
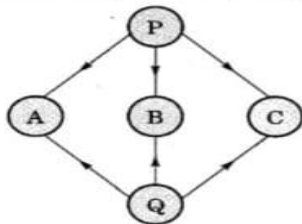
Question 19.
Find the product of the greatest 3-digit number and the smallest 2-digit number.

Question 20.

For n = 5, verify the given statement 10 x n + 1 = n1

Question 21.
Write any two numbers which can be shown as rectangles.

Question 22.
Write the three whole numbers which can be arranged as squares.

Question 23.
Represent the following on number line:
(a) 3 + 4
(b) 6 − 2
(c) 2 × 4

Question 24.
A housing complex built by DLF consists of 25 large buildings and 40 small buildings. Each large building has 15 floors with 4 apartments on each floor and each small building has 9 floors with 3 apartments on each floor. How many apartments are there in all?

Question 25. A taxi driver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs.44 per litre, how much did he spend in all on petrol?

Question 26.
Fill in the blanks.
(a) The smallest whole number is ………. .
(b) The smallest natural number is ………. .
(c) Difference between 5-digit smallest number and 4-digit largest number is ………. .
(d) Any number divided by 0 is not ………. .

Question 27.
Which of the following statements are true (T) and which are false (F)?
(a) The sum of two whole numbers is always less than their product.

(b) The sum of two odd whole numbers is an even number.

(c) If 1 is added to a number, we get its successor.

Question 28. Write in brief about Indian Mathematicians and their Contributions.

CLASS – VI   **SUBJECT – SCIENCE**

Q.1 Express the given temperature in (F)-

   (a) 35 c

   (b) 273 K

   (c) -48 C

Q 2. Draw a diagram of solar system .

Q3. Write the observation of Activity no 4.3 and 4.44?

Q 4. Revise Bridge Course.

CLASS: VII

HOLIDAY HOMEWORK VII A & VII B

 Subject- Social Science

1.Make or draw the interior part of the earth and write short description about each interior part of the earth .

2. Make or draw figure of rock cycle. Write the importance of rocks in our life.

3. Sketch or bring photographs of your place like the students in story.

 4. Learn and revise all the completed chapters. (geography and civics)

5.Prepare a project file on Disaster management

 Do this on a project file ,10 pages on A4 sheets.)

6. Do map practice of history (provinces of the delhi sultanate during muhammad tughluq's reign).7. What is a mid meal programme ? What are the benefits of mid day meal programme ?

CLASS-7(A+B)

ग्रीष्मकालीन अवकाशस्य गृहकार्यम्

<u>कक्षा – 7 विषय – संस्कृत</u>

1 तत् शब्दस्य रूपाणि त्रिषु लिंगेषु लिखत ।

2 किम् शब्दस्य रूपाणि त्रिषु लिंगेषु लिखत ।

3 चर् धातो: रूपाणि पञ्चषु लकारेषु लिखत ।

4 1 त: 50 पर्यन्तं संख्यावाचकशब्दा: संस्कृते लिखत ।

5 उदाहरणानुसारं शब्दनिर्माणं कुरुत ।

यथा – पठति स्म – अपठत्

1 चलति स्म -................... 2 हसति स्म -...................

3 वसति स्म -................... 4 गच्छति स्म -...................

5 धावति स्म -................... 6 अनृत्यत् -.....................

7 प्राविशत् -..................... 8 अकथयत् -.....................

9 अरक्षत् -..................... 10 अकरोत् -.....................

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SUBJECT SCIENCE   CLASS-7B

Chapter-1
Worksheet- 1

1. .... bacteria in the soil can convert atmospheric nitrogen into soluble compound.

2. Cuscuta is an example of .... type of plant.

3. All green plants possess .... in their leaves.

4. Chlorophyll is present in an animal cell.

5. Fungi are green plants that can synthesise their own food.

6. Photosynthesis requires chlorophyll and a few other raw materials. Add the missing raw materials to the list given below:
   Water, minerals, (a) .... (b) ....

7. The symbiotic association is seen in which of the following?
   (a) Lichens
   (b) Algae
   (c) Fungi
   (d) Bacteria

8. Observe the given figure and label the following terms given in the box. Stomatal opening, guard cell

9. Organisms which prepare food for themselves using simple naturally available raw materials are referred to as
   (a) heterotrophs
   (b) autotrophs
   (c) parasites
   (d) saprophytes

10. In the process of photosynthesis, which of the following energy conversions occur?
    (a) Solar energy is changed into chemical energy.
    (b) Solar energy is changed into mechanical energy.
    (c) Bioenergy is converted into chemical energy.
    (d) Chemical energy is changed into light energy.

11. What do you understand by saprotrophic mode of nutrition?

12. Algae and fungi form a unique association sharing benefits from each other. What is the name of association between them?

13. The tiny openings present on the leaf surface. What are they called?

14. Why do organisms need to take food?

15. How would you test the presence of starch in leaves?

16. If plant has a requirement for nitrogen, then from where will they obtain it?

17. Why do farmers grow many fruits and vegetable crops inside large green houses? What are the advantages to the farmers?

18. Some plants have deep red, violet or brown coloured leaves. Can these leaves perform the photosynthesis process?

19. Describe the process by which plants prepare their food using different raw materials.

20. Autotrophs and heterotrophs are two different organisms with distinct modes of nutrition state. How are they different from each other?

Chapter-1
Worksheet- 2

1. .... gas is absorbed from the atmosphere during photosynthesis.

2. .... element is needed in addition to carbon, hydrogen and oxygen to make protein.

3. Leaves are called the …………………. of plants.

4. The openings present on the surface of leaves are protected by cells called ……………………

5. Lichen is a saprophytic plant. State True/False.

6. Sunlight, chlorophyll, carbon dioxide, water and minerals are raw materials essential for photosynthesis. Do you know where they are available? Fill in the blanks with the appropriate raw materials.
   (a) Available in the plant: ………………………………………….
   (b) Available in the soil: ……………..
   (c) Available in the air: ………………………………………….
   (d) Available during day : ……………………………………………

7. Which of the following statements is/are correct?
   (i) All green plants can prepare their own food.
   (ii) Most animals are autotrophs.
   (iii) Carbon dioxide is not required for photosynthesis.
   (iv) Oxygen is liberated during photosynthesis.

   choose the correct answer from the options below:
   (a) (i) and (iv)
   (b) only (ii)
   (c) (ii) and (iii)
   (d) (i) and (ii)

8. Pitcher plant traps insects because it
   (a) is a heterotroph
   (b) grows in soils which lack in nitrogen
   (c) does not have chlorophyll
   (d) has a digestive system like human beings

9. When we observe the lower surface of a leaf through a magnifying lens, we see numerous small openings. Which of the following is the term given to such openings
   (a) Stomata
   (b) Lamina
   (c) Midrib
   (d) Veins

10. In the absence of photosynthesis, life would be impossible on earth. Is it true or false?

11. Insectivorous plants have one or the other specialised organs to catch their prey. What is that organ?

12. What do you understand by nutrition?

13. What is the function of guard cells of stomata?

14. Farmers spread manure of fertilisers in the field or in gardens, etc. Why are these added to the soil?

15. A cell is formed of many sub-components. Identify different constituents of the cell. Are animal and plant cells similar?

16. Differentiate between parasites and saprotrophs.

17. Different modes of nutrition have been observed in plants. What are they? Give example of each.

18. Describe the method for replinishing the soils with minerals and other essential constituents used by plants growing in those soil by farmers.

19. What is a symbiotic relationship? Explain with the help of a tree and fungi.

20. Give two examples for each of the following:
    (a) Parasites
    (b) Autotrophs
    (c) Saprophytes
    (d) Insectivorous plants
    (e) Leguminous plants

Chapter-2

Worksheet-2

1. During digestion Complex substance are broken down into
   _____.

2. The organ that stores bile is _____.

3. In human beings most of the nutrients are absorbed by the
   _____.

4. During digestion proteins are broken down into _____.

5. Excess water in the food is absorbed in the _____.

6. Name the following:
   (a) It transports the nutrients from the absorbed food to every cell
   of the body.
   (b) It breaks down complex carbohydrate, starch into sugar in the
   mouth.
   (c) It produces bile juice.

7. Name the parts of the alimentary canal where
   (a) water gets absorbed from undigested food
   (b) bile juice is produced

8. Hydrochloric acid is secreted by
   (a) linings of small intestine
   (b) inner lining of stomach

(c) pancreas

(d) lining of liver

9. Which of the following pair of teeth differ in structure but are similar in function?

   (a) Canines and incisors

   (b) Molars and premolars

   (c) Incisors and molars

   (d) Premolars and canines

10. The swallowed food moves downwards in the alimentary canal because of

    (a) force provided by the muscular tongue

    (b) the flow of water taken with the food

    (c) suction pull by stomach

    (d) the contraction of muscles in the wall of food pipe

11. What is digestion?

12. Mention the different ways of taking in food.

13. Mention the various parts of alimentary canal.

14. Define Ingestion.

15. Write a short note on tongue.

16. Mention the function of the inner lining of the stomach.

17. Mention the position and function of liver.

18. What are villi? Mention the role of villi.

19. What do you understand by the term assimilation?

20. What is rumination?

SUBJECT SCIENCE   CLASS-7A

Chapter-1

Worksheet-1

Section 1

Q1. What is importance of Heat in our daily life?

Q2. How heat is generated and transferred?

Q3. Explain how a thermometer works.

Q4. Why only mercury is used in most of the thermometer?

Q5. Differentiate between Laboratory Thermometer and Clinical Thermometer.

Q6. Why most of the thermometer used today are digital thermometer?

Q7. Which thermometer you will uses to measure daily temperature of your city?

Q8. Differentiate between 3 modes of heat transfer.

Q9. Differentiate between thermal conductor and thermal insulator.

Q10. Explain the phenomenon of Sea Breeze.

Section 2

Q11. The temperature of an object increases because of the _____ of heat.

    a) Reflection
    b) Transmission
    c) Absorption
    d) Conduction

Q12. Light colored clothes _____ most of the heat that falls on them

       a) Absorb
       b) Reflects
       c) Transmits
       d) Radiate

Q13. In solids, generally, the heat is transferred by the process of _____.

       a) Convection
       b) Radiation
       c) Conduction
       d) Insulation

Q14. What is the normal temperature of a healthy person?

       a) 37 F
       b) 37° C
       c) 37 K
       d) Both a and b

Q15. Heat always flows _____

       a) From colder to hotter object
       b) From hotter to colder object
       c) In both directions
       d) Heat never flows from one object to other

Q16. Heat from the sun reaches to earth by
       a) Convection
       b) Radiation

c) Conduction

d) Insulation

Q17. A metal surface feels cold as compared to a wooden surface on a winter morning, because the metal surface _____

a) is a better conductor of heat than the wooden surface.

b) is polished while wooden surface is not polished.

c) reflects more heat than wooden surface.

d) Both a and b

Q18. Temperature is the measure of _____ of an object.

a) Heat

b) Hotness

c) Conduction

d) Radiation

Q19. The thermometer used to measure human body temperature is called _____ thermometer.

a) Mercury

b) Clinical

c) Laboratory

d) Maximum and minimum

Q20. All hot bodies radiate _____

a) Temperature

b) Water

c) Heat

d) Electricity

Chapter-1

Worksheet-2

Section 1

Q1. Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing?

Q2. Shopkeepers selling ice blocks usually cover them with jute sacks. Explain why.

Q3. The radiators in cars are painted black. Explain why.

Q4. The mercury does not fall or rise in a clinical thermometer when taken out of the mouth. Explain why.

Q5. It is preferred to use two thin blankets rather than one thick blanket. Explain the reason

Q6. While reading a clinical thermometer, what precautions should we take?

Q7. State the limitation of clinical thermometer

Q8. Explain in brief, why we wear dark coloured clothes in winter and light coloured clothes in summer.

Q9. The freezer is located at the top of the refrigerator. Explain why.

Q10. Briefly explain, why do the kites and eagles fly without flapping their wings.

Section 2

Q11. One liter of water at 30°C is mixed with one liter of water at 50°C. The temperature of the mixture will be:

b) air trapped between the layers of newspaper is a bad conductor of heat

c) newspaper is a conductor of heat

d) newspaper is at a higher temperature than the temperature of the surroundings

Q16. Shining thread in thermometer is the column of _____
   a) Mercury
   b) Water
   c) Xenon
   d) Silver dye

Q17. The maximum and minimum temperature of the day is measured by a _____
   a) Clinical Thermometer
   b) Laboratory Thermometer
   c) Maximum- Minimum Thermometer
   d) All of the above

Q18. In _____ generally, the heat is transferred by the process of conduction.
   a) Liquids
   b) Solids
   c) Gases
   d) Wood

Q19. In coastal areas, cold air flows in the day from sea to land. It is called _____

a) 80° C
b) More than 50° C but less than 80° C
c) 20° C
d) Between 30° C and 50° C.

Q12. Convection May Occur Through

a) Solid and Liquids
b) Liquids and Gases
c) Solids and Gases
d) Solid Liquid and Gases

Q13. In solids, generally, the heat is transferred by the process of
_____.

a) Convection
b) Radiation
c) Conduction
d) Insulation

Q14. A plastic spoon is dipped in a cup of ice cream, Its other end

a) Becomes cold by Conduction
b) Becomes cold by Convection
c) Becomes cold by Radiation
d) Dose not become cold

Q15. A beggar wrapped himself with a few layers of newspaper on a
cold winter night. This helped him to keep himself warm because

a) friction between the layers of newspaper produces heat

a) Land Breeze
b) Cold Breeze
c) Sea Breeze
d) Hot Breeze

Q20. To determine which object is hotter the most reliable
measurement is _____

a) By touch
b) By colour
c) By thermometer
d) By Licking

Q. 1.The correct way of making a solution of acid in water is to

(a) Add water to acid

(b) Add acid to water

(c) Mix acid and water simultaneously

(d) Add water to acid in a shallow container

Q. 2.Products of a neutralization reaction are always:

(a) An acid and a base

(b) An acid and a salt

(c) A salt and water

(d) A salt and a base

Q. 3.Match the following:

Column A	Column B
(a) Vinegar	(i) changes red litmus blue
(b) Sodium chloride	(ii) is sour to taste
(c) Milk of magnesia	(iii) major salt of sea
(d) Potassium nitrate	(iv) used in fertilizer industry

Q. 4.Choose the true and false statements from the following:

1.   Ammonia, dissolved in water, shows acidic properties.

2. Orange juice turns blue litmus red.

3. Copper does not react with tamarind (imli) water.

4. Alum (phitkari) acts as an antacid.

Q. 5.Fill in the blanks:

i. A solution of ammonium chloride turns blue litmus ………………..

ii. A solution of sodium acetate turns red ……………….. Blue

iii. Ammonium chloride is an example of ………………..

iv. Acid + Metal → Salt + ………………..

v. An acid and a base react together forming a new compound, known as ……………

Q. 6. Turmeric is natural indicator. On adding its paste to acid and base separately, which colours would be observed?

(a) Yellow in both acid and base

(b) Yellow in acid and red in base

(c) Pink in acid and yellow in base

(d) Red in acid and blue in base

Q. 7. Phenolphthalein is a synthetic indicator and its colours in acidic and basic solutions, respectively are

(a) Red and blue.

(b) Blue and red.

(c) Pink and colourless.

(d) Colourless and pink.

Q 8. When the soil is too basic, plants do not grow well in it. To improve its quality what must be added to the soil?

(a) Organic matter

(b) Quicklime

(c) Slaked lime

(d) Calamine solution

Q 9. 'Litmus', a natural dye is an extract of which of the following?

(a) China rose (Gudhal)

(b) Beetroot

(c) Lichen

(d) Blue berries (Jamun)

Q 10. Neutralization reaction is a

(a) Physical and reversible change.

(b) Physical change that cannot be reversed.

(c) Chemical and reversible change,

(d) Chemical change that cannot be reversed.

Q 11. State differences between acids and bases.

Q 12. Ammonia is found in many household products, such as window cleaners. It turns red litmus blue. What is its nature?

Q 13. Describe the process of neutralisation with the help of an example.

Q 14. Explain why

(a) An antacid tablet is taken when you suffer from acidity.

(b) Calamine solution is applied on the skin when an ant bites.

(c) Factory waste is neutralised before disposing it into the water bodies.

Q 15. Blue litmus paper is dipped in a solution. It remains blue. What is the nature of the solution? Explain.

Q 16. What is an indicator?

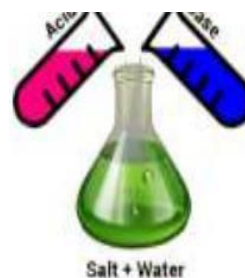Q 17. What is meant by 'basicity' of an acid?

Q 18. Does an acidic solution conduct electricity?

Q 19. What are the harmful effects of acid rain?

Q 20. Why a turmeric stain on a white shirt is turned to red when it is washed with soup?

Chapter-2

Worksheet-2

Salt + Water

Q 1. A solution changes the colour of turmeric indicator from yellow to red. The solution is

(a) Basic
(b) Acidic
(c) Neutral
(d) Either neutral or acidic

Q 2. Which of the following set of substances contain acids?

(a) Grapes, lime water

(b) Vinegar, soap

(c) Curd, milk of magnesia

(d) Curd, vinegar

Q 3. On adding phenolphthalein indicator to a colourless solution, no change is observed. What is the nature of this solution?

(a) Basic
(b) Either acidic or basic
(c) Either acidic or neutral
(d) Either basic or neutral

Q 4. Which of the following is an acid-base indicator?

(a) Vinegar
(b) Lime water
(c) Turmeric
(d) Baking soda

Q 5: Which one of the following is acidic?

(a) Lemon juice
(b) Tomatoes
(c) Milk
(d) All of these

Q 6: Which is not a property of acids?

(a) Acids turn red litmus blue
(b) These are sour to taste
(c) Acids turn blue litmus red
(d) With China rose indicator, these give dark pink colour

Q 7: Which is not a property of bases?

(a) These are bitter to taste
(b) Bases do not change the colour of blue litmus
(c) Bases do not change the colour of red litmus
(d) Bases turn the colour of turmeric indicator to red

Q. 8: The nature of calcium phosphate present in tooth enamel is:

(a) Basic
(b) Amphoteric
(c) Acidic

(d) Neutral

Q. 9: Methyl orange is:

(a) Red in acidic medium, yellow in basic medium
(b) Yellow in acidic medium, pink in basic medium
(c) Colourless in acidic medium, pink in basic medium
(d) Pink in acidic medium, colourless in basic medium

Q. 10: A solution changes the colour of turmeric indicator from yellow to red. The solution is:

(a) Basic
(b) Acidic
(c) Neutral
(d) Either neutral or acidic

Q 11. Write two uses of the following.

(a) Calcium hydroxide

(b) Sodium hydroxide

Q 12. Why is carbonic acid added to soft drinks?

Q 13. What is acid rain?

Q 14. . Paheli is suffering from indigestion due to acidity. Is it advisable to give her orange juice in this situation and why?

SUBJECT- MATH

Summer Vacation Home Work 2024-25

Class VII-A

Q1 Write Learner's Diary For Integers And Fractions & Decimals.

Q2 Draw Mind-Map of Chapter-1 Integers and Chapter-2 Fractions And Decimals.

Q3 Prepare MDP on any following given topics

1.Water Conservation in J&K (Roll No 1 to 5)

(i) Draw a pie chart depicting the information of percentage of water used by various categories such as aquaculture, domestic, industrial, irrigation, thermoelectric power, public supply, livestock, mining and oil & gas.

(ii) Represent the data in tabular form per capita water availability (in cubic metre) of last five decades.

2.Wild life in J&K (Roll No 6 to 10)

Select any five national parks of your choice and draw double bar graphs depicting information about number of any bird/animal (Which you like most) in last three years.

3.Tourism in J&K (Roll No 11 to 15)

Choose a famous tourist place of your choice and draw bar graphs depicting information of Total Tourists and double bar graph for Male /Female Tourists& National/International Tourists in last 5 years

4.Composition of Air and Air Pollution in J&K (Roll No 16 to 20)

Represent composition of air percentage wise in the form of pie-chart and pictograph.

5.Agriculture in J&K (Roll No 21 to 25)

Collect the information/data about the rate of any five vegetables or fruits per day(with the help of newspaper, parents, vegetable vendors etc.) available in local markets and present it in the form of table for one month. Find out the factors causing fluctuation in prices of these vegetables.

6.Our Earth special reference with J&K (Geographical perspectives) Roll No 26 to last

Make a bar graph on the change in temperature on the earth surface in the last 10 years and explain the danger that has earth will face with this change in temperature

Q4 Write in brief about Indian Mathematicians and their Contributions.

Holiday HW

Art Education

Class 7th : Painting Students will make the paintings of pdifferent topics and colour of their choice.

Holiday home work   class 7 B

Q.1) write about any mathematician.

Q.2) In your vacation period,relate your surrounding or what you observed with maths.

Q.3) solve the following questions.

Exercise 1.1 : Q4

Exercise1.2 :Q1

Exercise 1.3 : Q2 ,Q3

Exercise 2.2 : Q2,Q3,Q5,Q6

Exercise 2.3: Q4

Exercise 2.4 : Q4

Exercise 2.5: Q1,Q5,Q6

Exercise 3.1: Q2,Q4

Subject- Work Education

Class- VII (A & B)

Q.1. Making decorative wall hanging/ items using waste materials.

Q.2. Test an insulator and conductor (metal) with a series board and see the bulb is glowing or not glowing.

1. Paragraph Writing on the following topics (Any two)

   (i)   Mobiles everywhere

   (ii)   Beauty of nature

   (iii)   Fashion among students

   (iv)   If I were a bird

   (v)   Value of hard work

2. You are Sports Secretary of the Ryan Public School, Bhuj. Write a notice inviting the names of the participants willing to take part in the Annual Sports meet, giving all the necessary information, i.e., date and venue.

3. Develop a meaningful story with the help of the given outline with a suitable title.

   > A salt vendor had a donkey _____ loaded _____ with bags of salt _____ went to customers _____ surrounding villages _____ cross several stream _____ small rivers the donkey accidentally tumbled _____ bags got dissolved _____ burden on _____ buck much lighter _____ next day _____ went out _____ usual trip _____ donkey took a dip in _____ burden light _____ master very angry sure _____ international _____ teach him a lesson next day loaded _____ with bales of cotton _____ donkey took a dip _____ heavier the donkey _____ struggle very hard to come out _____ day onwards _____ donkey gave up _____ trick of dipping in a stream.

4. Prepare MDP on following given topics:

   i)   Water conservation in J&K (Roll No 1 to 5)

   - Write an article on the methods which are used to conserve water.

   - Write an essay on rivers, dams and other water bodies of J&K.

   ii)   Wild Life in J&K (Roll No 6 to 10)

   - Write an article on the importance of national parks and wild life sanctuaries.

   - Write a note on vegetation of J&K.

   iii)   Tourism in J&K (Roll No 11 To 15)

   - Write a passage on a famous tourism place of J&K.

   - Write an article about the types of tourism in J&K.

   iv)   Composition of Air and Air Pollution in J&K (Roll No 16 to 20)

   - Write an article on the environment of J&K.

   - Write a note on different causes of air pollution in J&K.

   v)   Agriculture in J&K (Roll No 21 to 25)

   - Write an article on different types of farming in J&K.

   - Write a paragraph on irrigation methods in J&K.

vi) Our Earth special reference with J&K (Roll No 25 to 30)

- Write a note about the climatic changes that occur in J&K and explain the danger that has earth will face with these changes.

- Write an article on 'Incredible Jammu and Kasmir'.

केंद्रीय विद्यालय, वायु सेना स्थल, नलिया
ग्रीष्मकालीन अवकाश कार्य (2024-25)

- *विद्यार्थी ग्रीष्मकालीन अवकाश कार्य अपनी हिन्दी अभ्यास-पुस्तिका में ही करें|*

विषय : हिंदी	कक्षा : सातवीं 'अ ', 'ब' (VII A&B)

1. निम्नलिखित काव्यांशों का भावार्थ लिखिए-
   (i) हम पंछी उन्मुक्त गगन के--------- कनक-कटोरी की मैदा से।
   (ii) स्वर्ण – श्रृंखला के बंधन में-------- चुगते तारक-अनार के दाने।
2. किन्हीं 10 मुहावरों का अर्थ लिखकर वाक्य में प्रयोग कीजिए|
3. तीन दिन के अवकाश के लिए अपने विद्यालय के प्राचार्य को प्रार्थना-पत्र लिखिए|
4. आपके मित्र ने कक्षा में प्रथम स्थान प्राप्त किया है | उसे बधाई देते हुए पत्र लिखिए ।
5. महाभारत कथा को संक्षेप में अपने शब्दों में लिखिए|
6. किन्ही दो विषयों पर अनुच्छेद लिखिए-
   (क) पेड़ों का महत्त्व (ख) स्वच्छता का महत्त्व (ग) आदर्श विद्यार्थी (घ) वर्षा ऋतु
7. परियोजना कार्य – आपने गर्मियों की छुट्टियां कैसे बिताई ? 250-300 शब्दों में लेख तैयार कीजिए ।

CLASS: VIII.

Holiday HW
Art Education

Class 8th : Painting Students will make the paintings of folk art of different states.

Q.1. Make a poster on electric shock and it's treatment.

Q.2. Making a decorative lamp by using waste/ unused materials.

केंद्रीय विद्यालय वायुसेना स्थल नलिया

ग्रीष्मकालीन अवकाशस्य गृहकार्यम्

कक्षा – 8   विषय – संस्कृत

1 अस्मद् शब्दस्य रूपाणि लिखत ।

2 युष्मद् शब्दस्य रूपाणि लिखत ।

3 किम् शब्दस्य रूपाणि त्रिषु लिंगेषु लिखत ।

4 इष् (इच्छा करना) धातो: रूपाणि पञ्चषु लकारेषु लिखत ।

5 दीर्घ, गुण, वृद्धि, यण, अयादि सन्धे: 5-5 उदाहराणानि लिखत ।

6 51 त: 100 पर्यन्तं संख्यावाचकशब्दा: संस्कृते लिखत ।

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Kendriya Vidyalaya AFS Naliya

Holiday Homework for Summer vacation

Class-8th   Sub- English

1. Complete classwork and homework of all the chapters done till now.

2. Prepare a MDP with the topic discussed in the class.

3. Write Notice of your choice.(Any four)

4. Take any five sentences and convert it into 36 different types as per Tense Table taught in the class.

5. Read newspaper daily and write any five articles you found interesting in it.

 (Summer vacation)

Class 8 A+B

Subject :- Social Science

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(1) The summary / mind map of the chapters - (i) Resources (ii)) How , When and Where (iii) Indian Constitution

(2) 10 to 15 MCQs or very short answer type questions with answers (10 to 15 per chapter)

(3) Briefly write about the "Fundamental Rights" of the citizens mentioned in the Indian Constitution.

(4) Prepare and learn political map of India .

(5) MDP cum AIP file.

SUBJECT- MATH

Holiday home work   class 8[th]

Q.1) write about any mathematician.

Q.2) In your vacation period,relate your surrounding or what you observed with maths.

Q.3) solve the following questions.

  Exercise 1.1 : Q2,Q3

   Exercise2.1:Q2,Q4,Q6,Q7,Q9,Q10.

Exercise2.2:Q6,Q7,Q9,Q10.

Exercise3.3:Q2,Q5,Q8,Q9.

केंद्रीय विद्यालय, वायु सेना स्थल, नलिया

ग्रीष्मकालीन अवकाश कार्य (2024-25)

• *विद्यार्थी ग्रीष्मकालीन अवकाश कार्य अपनी हिन्दी अभ्यास-पुस्तिका में ही करें|*

विषय : हिंदी	कक्षा : आठवीं 'अ ', 'ब' (VIII A&B)

1. 'हम दीवानों की क्या हस्ती' कविता का भावार्थ लिखिए|
2. 'लाख की चूड़ियाँ, कहानी को संक्षेप में अपने शब्दों में लिखिए ।
3. कोई 20 मुहावरों का अर्थ लिखकर वाक्य में प्रयोग कीजिए|
4. विद्यालय में खेलकूद की सामग्री मंगवाने हेतु प्राचार्य को प्रार्थना-पत्र लिखिए ।
5. अपने मित्र को जन्मदिन की बधाई देते हुए पत्र लिखिए|।
6. किन्हीं दो विषयों पर अनुच्छेद लिखिए-
   (क) समाचार पत्रों का महत्व (ख) जल ही जीवन है (ग) मेरा प्रिय त्योंहार

परियोजना कार्य (कोई एक)

7. आप अपनी किसी यात्रा के खट्टे-मीठे अनुभवों को याद करते हुए एक लेख लिखिए ।
8. आपको छुट्टियों में किसके घर जाना अच्छा लगता है? वहाँ पर आपकी दिनचर्या कैसी होती है|
   इस विषय पर एक लेख तैयार कीजिए

SUMMER VACATION HOLIDAY HOMEWORK CLASS VIII SCIENCE

1. complete these chapters in notebooks
   chapter 1 Crop production and Management
   chapter 2 Microorganisms

2.All students will complete their learner's diary properly.

   FORMAT OF DIARY
   *WHAT I LEARNT_____
   * WHAT I FOUND CHALLENGING_____
   * WHAT I FOUND INTRESTING_____

3.Complete the MDP [multi disciplinary project] Topic Crops or Microorganisms or Methods of irrigation or Agriculture tools

4.Bring innovative idea for INSPIRE AWARD SCHEME. Bring problem and suggestive solution also.

5.Compete the science worksheet in your science notebook.
****

WORKSHEET

Q1 Gather information about what kind of crops majorly grown in India. Arrange the data in the form of bar graph.

Q2 A young girl went to visit her grandparents living in the nearby village. She saw the way the farmers tilted the land before sowing seeds. After returning home, she decided to grow few tomato or pea plants in her kitchen garden. Write few points the girl should remember about seeds in order to get a good crop.

Q3 There are animals that destroy the crop before it is harvested. Farmers find it difficult to protect the crops from these animals, insects and microorganisms. Provide information to your classmates by answering the questions.

(a) What are these animals/insects called? Name few that ruin the standing crops.

(b) What methods do the farmers employ to protect their crops?

(c) Name some common insecticides used to protect crops

. (d) Write the difference between insecticide, pesticide, fungicide and rodenticide.

Q4 Write a short note on harvest festival that is celebrated in your state and its significance.

Q5. What is causative organism of Covid -19. How does it spread disease?

Q6. Write down the method of making cake. Which microorganism help in it.

Q7 What is vaccine? Q8 Name any three common plant diseases.

Q9 Define communicable diseases. Give some examples.

Q10 Explain why antibiotics do not work against flu or any infection caused by viruses Q11 On Mohan's birthday, his mother prepared many dishes for him. After having their meal, they found tha

CLASS: IX

SUBJECT- MATH

Holiday home work   class 9th (A+B)

Q.1) write about any mathematician.

Q.2) In your vacation period,relate your surrounding or what you observed with maths.

Q.3) solve the following questions.

Exercise 1.1: Q3

Example 2 and 4

Exercise 1.3: Q3, Q8

Example 15

Exercise 1.4: Q2 , Q5

Exercise 1.5: Q1, Q3

Exercise 2.1 : Q1, Q4 ,Q5

Exercise 2.2: Q2, Q4

Exercise 2.3: Q1,Q2,Q4,Q5

Example 11 and 13, 18 and 20

Exercise 2.4: Q2,Q4,Q7,Q8,Q12,Q14,Q15,Q16

केन्द्रीय विद्यालय, वायुसेना स्थल, नलिया

ग्रीष्मकालीन अवकाश गृहकार्य 2024-25

विषय – हिन्दी   कक्षा – 9

निर्देशः-
- ग्रीष्मकालीन अवकाश के दौरान ही गृहकार्य करें|
- यह गृहकार्य हिन्दी विषय की अभ्यास-पुस्तिका में ही करें|

1. कबीर की साखियाँ लिखकर उनका भावार्थ लिखिए।

2. 'दो बैलों की कथा' कहानी को संक्षेप में अपने शब्दों में लिखिए।

3. उपसर्ग और प्रत्यय में क्या अंतर है? उदाहरण सहित स्पष्ट कीजिए।

4. 20 उपसर्ग तथा 20 प्रत्यय के तीन-तीन उदाहरण लिखिए।

5. आपके क्षेत्र की सड़कें टूटी-फूटी हैं। इनमें कई गड्ढे हैं। नगर-निगम अभियंता (निर्माण) का ध्यान इस ओर आकृष्ट करते हुए उन्हें ठीक करवाने हेतु एक पत्र लिखिए।

6. अपने विद्यालय की विशेषताएँ बताते हुए अपने मित्र को पत्र लिखिए।

7. अपना पोर्टफोलियो लिखकर तैयार करें। (फाइल में)

8. कला एकीकृत परियोजना कार्य-

i. जम्मू-कश्मीर के हिन्दी के किन्हीं दो कवि तथा दो लेखकों का जीवन परिचय तथा उनकी रचनाएँ लिखिए।

ii. जम्मू-कश्मीर के प्राकृतिक सौन्दर्य का वर्णन लगभग 180-200 शब्दों में कीजिए।

Holiday HW
Art Education

Class 9th : Creative paintings
Students will make the topic based creative paintings with different types of colours i.e oil colours, acrylic colours, water colours etc.

Class : 9th A & B

Subject :- Social Science

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(1) Summary / Mind Map of the chapters -

(i) The French Revolution

(ii) India : Size and Location

(iii) What is Democracy? Why Democracy?

(2) Prepare the following maps :-

    (a) Latitudinal anal and longitudinal location of India (figure 1.3)

    (b) India's neighbours

    (c) Colour the states through which Tropic of Cancer passes.

(3) Prepare about 60 MCQs/ very short answer type questions with answers (15 to 20 per chapter)

(4) Project file on "Disaster Management".

Subject- Work Education

Class-IX (A & B)

Q.1. Make a file on electrical safety devices such as fuse, MCB and Isolator etc.

Q.2. Identify the object needed for house wiring.

Or

Visit to a nearby Vermi-compost pit/ site and take a selfie.

Class IX (A+B)
Subject – English

1. Write the mind maps of the following chapters-

   ▪ The Fun They Had

   ▪ The Road Not Taken

   ▪ Wind

   ▪ The Lost Child

2. Sahil/ Smita have just visited a village fair in your native village with your family and cousins. You were very much impressed by the beauty, nature, food and fields of your village. Write a diary entry expressing your feeling towards the village people and your impression of village life.

3. **Write a descriptive paragraph, in about 100-150 words, on 'Republic Day Celebration'. Take the information given below in the input.**
   country celebrated its Republic Day — could not go to India Gate— had to sit in front of TV — surprised at the smart uniforms — young brave children seemed to be happy on the elephants — received bravery awards —tableau of the states was the main attraction —colourful artists — dances of their states with a message

4. **Prepare Portfolio as instructed and guided in the class.**

5. **Project:**

(a)   Comic Script on Lesson 3 "Iswaran the Storyteller"

(b)   Write 2 book reviews on any English Novel/Drama.

6. Prepare an Art Integrated Projected as instructed in class, paired state with Gujarat is Jammu & Kashmir.

SUBJECT- SCIENCE IX-A

Chapter 5 - The Fundamental Unit of Life

Short Answer Type Questions

1. Why are lysosomes known as 'suicide-bags' of a cell?

2. Do you agree that "A cell is a building unit of an organism". If yes, explain why?

3. Why does the skin of your finger shrink when you wash clothes for a long time?

4. Why is endocytosis found in animals only?

5. A person takes concentrated solution of salt, after sometime, he starts vomiting. What is the phenomenon responsible for such situation? Explain.

6. Name any cell organelle which is non membranous.

7. We eat food composed of all the nutrients like carbohydrates, proteins, fats, vitamins, minerals and water. After digestion, these are absorbed in the form of glucose, aminoacids, fatty acids, glycerol etc.
   What mechanisms are involved in absorption of digested food and water?

8. If you are provided with some vegetables to cook. You generally add salt into the vegetables during cooking process. After adding salt, vegetables release water. What mechanism is responsible for this?

9. If cells of onion peel and RBC are separately kept in hypotonic solution, what among the following will take place? Explain the reason for your answer.
   - (a) Both the cells will swell.
   - (b) RBC will burst easily while cells of onion peel will resist the bursting to some extent.
   - (c) a and b both are correct.
   - (d) RBC and onion peel cells will behave similarly.

10. Bacteria do not have chloroplast but some bacteria are photoautorophic in nature and perform photosynthesis. Which part of bacterial cell performs this?

11. Match the following A and B

(A)	(B)
(a) Smooth endoplasmic reticulum	(i) *Amoeba*
(b) Lysosome	(ii) Nucleus
(c) Nucleoid	(iii) Bacteria
(d) Food vacuoles	(iv) Detoxification

(e) Chromatin material   (v) Suicidal bag
    and nucleolus

Write the name of different plant parts in which chromoplast, chloroplast and leucoplast are present.

12. Name the organelles which show the analogy written as under

  ○ (a) Transporting channels of the cell——

  ○ (b) Power house of the cell——

  ○ (c) Packaging and dispatching unit of the cell——

  ○ (d) Digestive bag of the cell——

  ○ (e) Storage sacs of the cell——

  ○ (f) Kitchen of the cell——

  ○ (g) Control room of the cell——

13. How is a bacterial cell different from an onion peel cell?

14. How do substances like carbon dioxide (CO_2) and water (H_2O) move in and out of the cell?

15. How does amoeba obtain its food?

16. Name the two organelles in a plant cell that contain their own genetic material and ribosomes.

17. Why are lysosomes also known as "scavengers of the cells"?

18. Which cell organelle controls most of the activities of the cell?

19. Which kind of plastid is more common in

  ○ (a) roots of the plant

  ○ (b) leaves of the plant

  ○ (c) flowers and fruits

20. Why do plant cells possess large sized vacuole?

21. How are chromatin, chromatid and chromosomes related to each other?

22. What are the consequences of the following conditions?
- (a) A cell containing higher water concentration than the surrounding medium
- (b) A cell having low water concentration than the surrounding medium.
- (c) A cell having equal water concentration to its surrounding medium.

Long Answer Type Questions

1. Draw a plant cell and label the parts which
   - (a) determines the function and development of the cell
   - (b) packages materials coming from the endoplasmic reticulum
   - (c) provides resistance to microbes to withstand hypotonic external media without bursting
   - (d) is site for many biochemical reactions necessary to sustain life.
   - (e) is a fluid contained inside the nucleus

2. Illustrate only a plant cell as seen under electron microscope. How is it different from animal cell?

3. Draw a neat labelled diagram of an animal cell.

4. Draw a well labelled diagram of an eukaryotic nucleus. How is it different from nucleoid?

5. Differentiate between rough and smooth endoplasmic reticulum. How is endoplasmic reticulum important for membrane biogenesis?

6. In brief state what happens when
   - (a) dry apricots are left for sometime in pure water and later transferred to sugar solution?
   - (b) a Red Blood Cell is kept in concentrated saline solution?
   - (c) the Plasma-membrane of a cell breaks down?
   - (d) rheo leaves are boiled in water first and then a drop of sugar syrup is put on it?
   - (e) golgi apparatus is removed from the cell?

7. Draw a neat diagram of plant cell and label any three parts which differentiate it from animal cell.

Chapter 1 Matter In Our Surroundings

1. A sample of water under study was found to boil at 102°C at normal temperature and pressure. Is the water pure? Will this water freeze at 0°C? Comment.

2. A student heats a beaker containing ice and water. He measures the temperature of the content of the beaker as a function of time. Which of the following (Fig. 1.1) would correctly represent the result? Justify your choice.
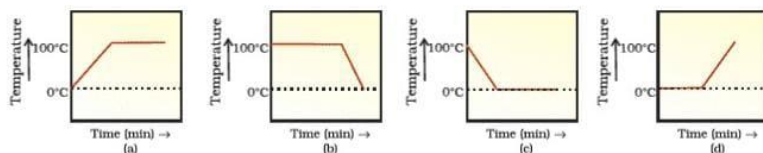

Fig. 1.1

3. Fill in the blanks:
   - (a) Evaporation of a liquid at room temperature leads to a _____ effect.
   - (b) At room temperature the forces of attraction between the particles of solid substances are _____ than those which exist in the gaseous state.
   - (c) The arrangement of particles is less ordered in the _____ state. However, there is no order in the _____ state.
   - (d) _____ is the change of gaseous state directly to solid state without going through the _____ state.
   - (e) The phenomenon of change of a liquid into the gaseous state at any temperature below its boiling point is called _____ .

4. Match the physical quantities given in column A to their S I units given in column B :

(A)	(B)
(a) Pressure	(i) cubic metre
(b) Temperature	(ii) kilogram
(c) Density	(iii) pascal
(d) Mass	(iv) kelvin
(e) Volume	(v) kilogram per cubic metre

6. 'Osmosis is a special kind of diffusion'. Comment.
7. Classify the following into osmosis/diffusion
   - (a) Swelling up of a raisin on keeping in water.
   - (b) Spreading of virus on sneezing.
   - (c) Earthworm dying on coming in contact with common salt.
   - (d) Shrinking of grapes kept in thick sugar syrup.
   - (e) Preserving pickles in salt.
   - (f) Spreading of smell of cake being baked through out the house.
   - (g) Aquatic animals using oxygen dissolved in water during respiration.

8. Water as ice has a cooling effect, whereas water as steam may cause severe burns. Explain these observations.
9. Alka was making tea in a kettle. Suddenly she felt intense heat from the puff of steam gushing out of the spout of the kettle. She wondered whether the temperature of the steam was higher than that of the water boiling in the kettle. Comment.
10. A glass tumbler containing hot water is kept in the freezer compartment of a refrigerator (temperature < 0°C). If you could measure the temperature of the content of the tumbler, which of the following graphs (Fig.1.2) would correctly represent the change in its temperature as a function of time.
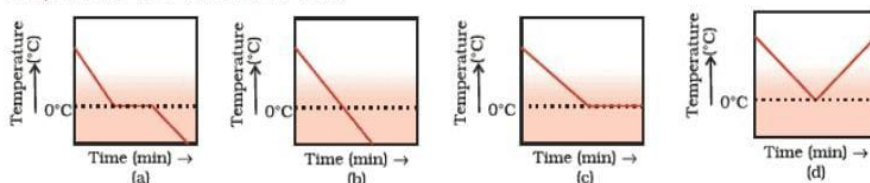

Fig. 1.2

11. Look at Fig. 1.3 and suggest in which of the vessels A,B, C or D the rate of evaporation will be the highest? Explain.
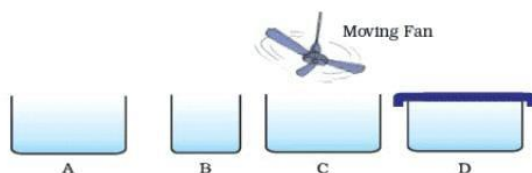

Fig. 1.3

12. (a) Conversion of solid to vapour is called sublimation. Name the term used to denote the conversion of vapour to solid.
    (b) Conversion of solid state to liquid state is called fusion; what is meant by latent heat of fusion?

Long Answer Type Questions

1. You are provided with a mixture of naphthalene and ammonium chloride by your teacher. Suggest an activity to separate them with well labelled diagram.
2. It is a hot summer day, Priyanshi and Ali are wearing cotton and nylon clothes respectively. Who do you think would be more comfortable and why?
3. You want to wear your favourite shirt to a party, but the problem is that it is still wet after a wash. What steps would you take to dry it faster?
4. Comment on the following statements:
5. (a) Evaporation produces cooling.
   (b) Rate of evaporation of an aqueous solution decreases with increase in humidity.
   (c) Sponge though compressible is a solid.
6. Why does the temperature of a substance remain constant during its melting point or boiling point?

SUMMER VACATION HOLIDAY HOMEWORK CLASS IX-B SCIENCE

1. complete CHAPTER 2 EXERCISE in notebooks .

2.Bring innovative idea for INSPIRE AWARD SCHEME. Bring problem and suggestive solution also.

3 .Compete the science worksheet in your science notebook.
****

WORKSHEET

1. What happens when an inflated air balloon is píicked with a pin? Name the píopeíty of the gaseous state exhibited by this observation.

2. Name the state of matter in which:

(i) Layers of particles can slip and slide over one another easily.

(ii) Particles just move around randomly because of veil weak force of attraction.

3. Kinetic energy of particles of water in three vessels A, B and C aíe E_A, E_B, E_C respectively and $E_a > E_b > E_c$. Arrange the temperatures of water in the thíee vessels in increasing order

4. Analyse the temperature versus time graph of water, given bellow :
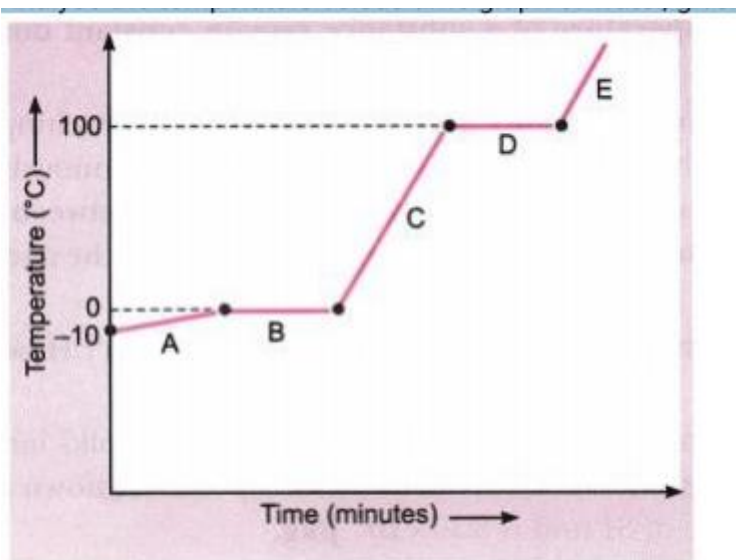
Which region contains all liquid ?

5. Why steam at 100°C is better for heating purposes than water at 100 C ?

6.

(a) Name the changes in the teams of process P, Q, R and S?

(b) Which of the changes air exothermic and endothermic?

7. Why do we see water droplets on the outer surface of a glass containing ice cold water?

8. Can a rubber band change its shape on stretching? Is it a solid?

9. Alka was making tea in a kettle. Suddenly she felt intense heat from the puff of steam gushing out of the spout of the kettle. She wondered whether the temperature of the steam was higher than that of the water boiling in the kettle. Comment. 10. Why do the doctors advise to put strips of wet cloth on the forehead of a poison having high fever ?

SUBJECT- ARTIFICIAL INTELLIGENCE

TOPIC: Complete the back exercise of CHAPTER -2 (SELF-MANAGEMENT SKILLS)

CLASS: X

SUMMER HOLIDAYS HOME WORK 2024-2025

SUBJECT- SOCIAL SCIENCE

Class X:

➢ Project file on the topic of 'Consumer Rights' to be completed on 15- 20 file pages (one side blank and one side ruled). Paste or draw pictures associated with the topic.

➢ Prepare a flow chart on different organs of the Government mentioning their functions, features, etc.

➢ Make 25 MCQs or VSA type questions from the chapter named 'The Rise of Nationalism in Europe'.

➢ Locate, label and colour the region of the Balkans on a political map of the world.

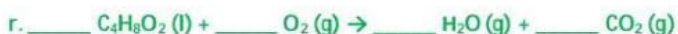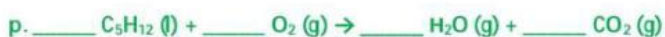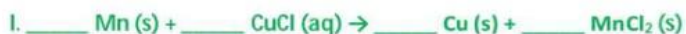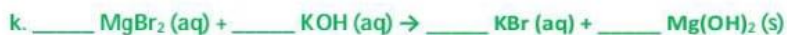➢ Read chapter-1 named 'Power Sharing' of Political Science.

SUBJECT-CHEMISTRY

Q1Define:

➢ Reactants
➢ Products
➢ Balanced chemical equation.

Q2 Balance the following chemical equation and identify the reactants and products.

a. _____ Zn (s) + _____ $AgNO_3$ (aq) → _____ $Zn(NO_3)_2$ (aq) + _____ Ag (s)

b. _____ N_2 (g) + _____ H_2 (g) → _____ NH_3 (g)

c. _____ $Mg(OH)_2$ (aq) + _____ H_3PO_4 (aq) → _____ H_2O (l) + _____ $Mg_3(PO_4)_2$(aq)

d. _____ HNO_3 (aq) + _____ Ni (s) → _____ $Ni(NO_3)_2$ (aq) + _____ H_2 (g)

e. _____ $Ba(HCO_3)_2$ (s) → _____ $BaCO_3$ (s) + _____ H_2O (g) + _____ CO_2 (g)

f. _____ $BaCl_2$ (aq) + _____ Na_2SO_4 (aq) → _____ $NaCl$ (aq) + _____ $BaSO_4$ (s)

g. _____ $Al_2(CO_3)_3$ (s) → _____ Al_2O_3 (s) + _____ CO_2 (g)

h. _____ Ca (s) + _____ H_2O (l) → _____ $Ca(OH)_2$ (aq) + _____ H_2 (g)

i. _____ $LiHCO_3$ (s) → _____ Li_2CO_3 (s) + _____ H_2O (g) + _____ CO_2 (g)

j. _____ N_2 (g) + _____ O_2 (g) → _____ N_2O_5 (g)

k. _____ $MgBr_2$ (aq) + _____ KOH (aq) → _____ KBr (aq) + _____ $Mg(OH)_2$ (s)

l. _____ Mn (s) + _____ $CuCl$ (aq) → _____ Cu (s) + _____ $MnCl_2$ (s)

m. _____ Zn (s) + _____ S_8 (s) → _____ ZnS (s)

n. _____ $NaOH$ (aq) + _____ H_2SO_4 (aq) → _____ H_2O (l) + _____ Na_2SO_4 (aq)

o_____ K (s) + _____ H_2O (l) → _____ KOH (aq) + _____ H_2 (g)

p. _____ C_5H_{12} (l) + _____ O_2 (g) → _____ H_2O (g) + _____ CO_2 (g)

q. _____ KOH (aq) + _____ H_2CO_3 (aq) → _____ H_2O (l) + _____ K_2CO_3(aq)

r. _____ $C_4H_8O_2$ (l) + _____ O_2 (g) → _____ H_2O (g) + _____ CO_2 (g)

Q2 Write the skeleton equation for each of the following reactions. Then balance each of the following chemical equations.

1. hydrogen + oxygen → water
2. iron(III) oxide + hydrogen → water + iron
3. sodium + water → sodium hydroxide + hydrogen
4. copper + Oxygen → Copper(II) Oxide
5. potassium iodide + chlorine → potassium chloride + iodine
6. chromium + tin(IV) chloride → chromium(III) chloride + tin
7. magnesium + copper(II) sulphate → magnesium sulphate + copper
8. zinc sulphate + strontium chloride → zinc chloride + strontium sulphate
9. ammonium chloride + lead(III) nitrate → ammonium nitrate + lead(III) chloride
10. iron(III) nitrate + magnesium sulphide → iron(III) sulphide + magnesium nitrate
11. aluminum chloride + sodium carbonate → aluminum carbonate + sodium chloride
12 sodium phosphate + calcium hydroxide → sodium hydroxide + calcium phosphate

Q3 Indicate which type of chemical reaction (Combination, decomposition, single-displacement, double-displacement or combustion) is being represented in the following reactions:
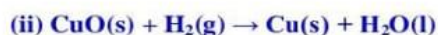
1. $Na_3PO_4 + 3\ KOH \rightarrow 3\ NaOH + K_3PO_4$
2. $MgCl_2 + Li_2CO_3 \rightarrow MgCO_3 + 2\ LiCl$
3. $C_6H_{12} + 9\ O_2 \rightarrow 6\ CO_2 + 6\ H_2O$
4. $2\ AgNO_3 + Cu \rightarrow Cu(NO_3)_2 + 2\ Ag$
5. $C_3H_6O + 4\ O_2 \rightarrow 3\ CO_2 + 3\ H_2O$
6. $2\ C_5H_5 + Fe \rightarrow Fe(C_5H_5)_2$
7. $SeCl_6 + O_2 \rightarrow SeO_2 + 3Cl_2$
8. $2\ MgI_2 + Mn(SO_3)_2 \rightarrow 2\ MgSO_3 + MnI_4$
9. $O_3 \rightarrow O + O_2$
10. $2\ NO_2 \rightarrow 2\ O_2 + N_2$

Q4 Differentiate between:
➢ **Combination and Decomposition reaction.**

➢ **Displacement and Double displacement reaction.**
➢ **Oxidation and Reduction reaction.**
➢ **Balanced and unbalanced chemical equation.**
➢ **Corrosion of iron and Copper.**

Q5 Identify the substances that are oxidized and the substances that are reduced in the following reactions.

(i) $4Na(s) + O_2(g) \rightarrow 2Na_2O(s)$

(ii) $CuO(s) + H_2(g) \rightarrow Cu(s) + H_2O(l)$

Q6. $Fe_2O_3 + 3CO \longrightarrow 2Fe + 3CO_2$

Study the above reaction and name the following:

- Substance getting reduced
- Substance getting oxidized

- Substance getting oxidized
- Oxidizing agent
- Reducing agent.

Q7.Give reasons for the following:

➢ **Silver Nitrate solution cannot be stored in Copper containers.**
➢ **Gold and Silver do not corrode in air**
➢ **Blue colour of copper sulphate solution starts fading when a zinc rod is dipped in it.**
➢ **Respiration is an endothermic reaction.**
➢ **Photo chemical decomposition reaction finds application in photography.**

Q8.why does stale food gives a bad smell and bad taste? How can this be prevented?

Q9Foreachof the following experiments, decide whether a reaction will occur. If you think there will be no reaction, write down why you think this.

If you think a reaction will happen:
write down why you think it will happen,what you expect to see, andthe word equation to go with it.

a) iron heated with copper(II) oxide
b) aluminium heated with iron oxide
c) copper heated with iron oxide
d) magnesium heated with zinc oxide

Q10. Give examples for the following:

➢ Precipitation reaction.
➢ Thermal decomposition.

➢ Natural oxidation.
➢ Exothermic reaction.

Complete the Practical files. (The practicals are given in syllabus. The syllabus will be shared in the class).

KENDRIYA VIDYALAYA AFS NALIYA

SUMMER VACATION HOME WORK

CLASS X- BIOLOGY

Q1. Draw labelled diagrams of

    a. Human Alimentary Canal

    b. Human Excretory system

    c. Human Heart

    d. Human Respiratory System

Q2. Science Fiction Story Writing: Write a science fiction story. You can incorporate scientific concepts learned in class into your narratives, exploring futuristic scenarios, space exploration, or even alternate realities.

Q3. Complete the lab activity in Practical file.

Q5. Prepare a portfolio in science.

CLASS X- PHYSICS

1) Image formations from

Concave lense

Convex lense

Concave mirror

Convex mirror

(with nature & positions)

(Neat & clean diagrams with the help of compass and scale)

2) Portfolio.

3) class test Solution write in your notebook .

4) solve competency based questions from given pdf .

SUBJECT – MATH

Summer Vacation Home Work 2024-25
Class X-(A+B)

Q1 Prepare Portfolio as instructed and guided in the class.

Q2 Maintain Activity Records as per syllabus and selected for the purpose (05)

(i)To draw the graph of a quadratic polynomial and observe:

(A) The shape of the curve when the coefficient of x^2 is positive.

(B) The shape of the curve when the coefficient of x^2 is negative.

(C) Its number of zeroes.

(ii)-To verify the conditions of consistency/inconsistency for a pair of linear equations in two variables by graphical method.

(iii)-To establish a formula for the sum of first n terms of an Arithmetic Progression.

(iv)-To verify the distance formula by graphical method.

(v)-To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.

Q3 Draw Mind-Maps of Chapters 1(Real Numbers),Chapter-2(Polynomials),Chapter-3(Pair of Linear Equations in Two Variables).

Q4 Prepare a list of FAQs from Chapters-1,2&3.

Q5 Solve all CBQs of Chapter-1(Real Numbers), Chapter-2 (Polynomials), Chapter-3 (Pair of Linear Equations in Two Variables) to be shared in class whatsapp group.

Q6 Solve QP of Monthly Test for April 2024 and Solve all Questions of Chapter-1,2&3 asked by CBSE in Board Exam 2024 in Maths Basic & Standard QP.

Q7 Prepare an Art Integrated Project as instructed in class, paired state with Gujarat is Jammu & Kashmir.

Subject- Work Education
Class-X (A & B)

Q.1. Make a hand-written project file on various thermal / hydro power stations in India, their location and capacity.

SUBJECT- SOCIAL SCIENCE

Class X:

➢ Project file on the topic of 'Consumer Rights' to be completed on 15- 20 file pages (one side blank and one side ruled). Paste or draw pictures associated with the topic.

➢ Prepare a flow chart on different organs of the Government mentioning their functions, features, etc.

➤ Make 25 MCQs or VSA type questions from the chapter named 'The Rise of Nationalism in Europe'.

➤ Locate, label and colour the region of the Balkans on a political map of the world.

➤ Read chapter-1 named 'Power Sharing' of Political Science.

Kendriya Vidyalaya AFS NAaliya

Class 10 AI Summer Vacation Holiday Homework

1. What are the various causes of stress? Explain with examples.

2. Do you feel that young people have more stress these days? Explain with examples.

3. Can technology-led innovations help in reducing stress? Explain with examples.

4. Why is it important to work independently? Do you like to work independently? List down reasons.

5. What are some of the physical signs of stress?

6. List down some benefits of having a proper stress management plan in life.

7. What are the different types of operating systems?

8. Write keyboard shortcuts for: (a) New (b) Save   (c) copy   (d) paste

9. Explain the two most popular mobile operating systems.

10. What is a computer virus? How can you stop it from infecting a computer?

11. Name some commonly-used antivirus packages.

12. What is the difference between Save and Save As options?

13. Why do we need a maintenance schedule for computers?

14. Prepare a checklist for cleaning both external and internal components?

15. Describe the process for removing temporary files from the computer.

Kendriya Vidyalaya AFS Naliya

Holiday Homework for Summer vacation

Class-10th   Sub- English

1.   Complete all the classwork and homework in your notebook.

2.   Write down competency Based Questions of chapter-1and2.

3.   Write down three questions of your choice of Analytical Paragraph as discussed in the class.

4.   Read newspaper daily and try to comprehend the content to enhance your reading skills.

5.   Prepare a Portfolio.

6.   Prepare "Art Integrated Project"

   A. Get details of two writers and two poets of J&K

   B. Write an article on " Kashmir- the heaven on the Earth"

केन्द्रीय विद्यालय, वायुसेना स्थल, नलिया

ग्रीष्मकालीन अवकाश गृहकार्य 2024-25

विषय – हिन्दी   कक्षा – 10

निर्देश:-
- ग्रीष्मकालीन अवकाश के दौरान ही गृहकार्य करें।
- यह गृहकार्य हिन्दी विषय की अभ्यास-पुस्तिका में ही करें।

1. सूरदास के निम्नलिखित पदों का भावार्थ लिखिए-

   i.हमारै हरि हारिल की .... जिनके मन चकरी ।

   ii.हरि हैं राजनीति .... प्रजा न जाहिं सताए ।

2. अपने घर के आस-पास देखिए और पता लगाइए कि नगरपालिका/नगर-निगम ने क्या-क्या काम करवाए हैं? हमारी भूमिका उसमें क्या हो सकती है?

3. निम्नलिखित व्याकरण विषयों की परिभाषा, भेद एवं उदाहरण सहित स्पष्ट कीजिए-

   i. संज्ञा   ii. सर्वनाम   iii. विशेषण   iv. क्रिया   v. क्रिया विशेषण vi. काल   vii. लिंग viii. वचन

4. रचना के आधार पर वाक्यों के तीनों भेदों के पाँच-पाँच उदाहरण लिखिए।

5. आपके मोहल्ले को मुख्य सड़क से जोड़ने वाली सड़क की लाइटें खराब हो चुकी हैं। इस कारण रात में आने-जाने वालों को परेशानी का सामना करना पड़ता है। इससे कई दुर्घटनाएँ भी हो चुकी हैं। इनका उल्लेख करते हुए लोक निर्माण विभाग, भुज के मुख्य सड़क निरीक्षक को पत्र लिखिए।

6. आपके छोटे भाई/बहन को पढ़ाई के साथ-साथ चलने वाली अतिरिक्त गतिविधियों में भाग लेने में रूचि नहीं है। उसे पत्र द्वारा ऐसी गतिविधियों में भाग लेने के लिए प्रेरित करें।

7. अपना पोर्टफोलियो लिखकर तैयार करें। (फाइल में)

8. कला एकीकृत परियोजना कार्य-

i. जम्मू-कश्मीर के हिन्दी के किन्हीं दो कवि तथा दो लेखकों का जीवन परिचय तथा उनकी रचनाएँ लिखिए।

ii. जम्मू-कश्मीर के प्राकृतिक सौन्दर्य का वर्णन लगभग 180-200 शब्दों में कीजिए।

CLASS: XII

KENDRIYA VIDYALAYA AFS NALIYA

SUMMER BREAK HOLIDAY HOMEWORK

CLASS 12 CS

1. Which of the following is valid arithmetic operator in Python: 1
   (i) // (ii) ? (iii) <(iv) and
2. Write the type of tokens from the following: 1
   (i) if (ii) roll_no
3. Name the Python Library modules which need to be imported to invoke 1
   the following functions:
   (i) sin( ) (ii) randint ( )
4. What do you understand by the term Iteration?   1
5. Which is the correct form of declaration of dictionary?   1
   (i) Day={1:'monday',2:'tuesday',3:'wednesday'}
   (ii) Day=(1;'monday',2;'tuesday',3;'wednesday')
   (iii) Day=[1:'monday',2:'tuesday',3:'wednesday']
   (iv) Day={1'monday',2'tuesday',3'wednesday']
6. Identify the valid declaration of L: 1
   L = [1, 23, 'hi', 6].
   (i) list (ii) dictionary (iii) array (iv) tuple
7. Find and write the output of the following python code: 1
   x = "abcdef"
   i = "a"
   while i in x:
           print(i, end = " ")
8. Find and write the output of the following python code: 1
   a=10
   def call():
           global a
           a=15
           b=20
           print(a)
   call()
9. Find the valid identifier from the following   1

   a) My-Name b) True c) 2ndName d) S_name
10. Given the lists L=[1,3,6,82,5,7,11,92] ,   1

    What will be the output of print(L[2:5])
11. Write the full form of IDLE.   1

12 Identify the valid logical operator in Python from the following.   1

a)   ?   b)   <   c) **   d) and

13 Suppose a tuple Tup is declared as Tup = (12, 15, 63, 80),   1
which of the following is incorrect?

a) print(Tup[1])

b) Tup[2] = 90

c) print(min(Tup))

d) print(len(Tup))

14 Write a statement in Python to declare a dictionary whose keys are   1
1,2,3 and values are Apple, Mango and Banana respectively.

15 A tuple is declared as T = (2,5,6,9,8)   1

What will be the value of sum(T)?

16 Name the built-in mathematical function / method that is used to   1
return square root of a number.

17 If the following code is executed, what will be the output of the   1
following code? str="KendriyaVidyalayaSangathan"

print(str[8:16])

18 Which of the following are valid operators in Python: (i)   1
** (ii) between (iii) like (iv) ||

19 Given the lists L=["H", "T", "W", "P", "N"] , write the output of   1
print(L[3:4])

20 What will be the output of: print(10>20)   1

Short Answer Type Questions – (1 mark for correct answer)

Q.1 Find and write the output of the following python code:

```
a=10
def call():
        global a
        a=15
call()
print(a)
```

Q.2. What do you mean by modularity?

Q.3. What is a function call?

Q.4. Name the three categories of functions.

Q.5. What is the role of an argument of a function?

Q.6. What are docstrings?

Q.7. What are docstring conventions?

Q.8. What is the use of following functions?

Q.9. Name the constant available in math module.

Q.10. Write two ways in which you are able to use constant pi in your programs.

Q.11. What is dot notation?

Q.12. What is a function?

Q.13. What is an argument?

Q.14. What is the general syntax for defining a function in Python?

Q.15. What is function header?

Q.16. What are parameters?

Q.17. The convention for indentation within a block is four spaces. Is it true?

Q.18. Find the error in the following codes.

```
def minus(total_decrement)
output= total_decrement
```

Q. 19. What is _main_?

Q. 20. What is _name_?

Q. 21. What is the difference between arguments and parameters?

Q. 22. Name two types of function in Python.

Q. 23. Trace the flow of execution for following program.

```
1      def power (b,p):
2              r = b**p
3              return r
4
5      def calcsquare(a):
6              a= power(a,2)
7              return a
8
9      n=5
10     result = calcsquare(n)
11     print(result)
```

Q. 24. What will be the output of the following code?

```
def addEm(x,y,z):
        print(x+y+z)

def prod(x,y,z):
        return x*y*z

a= addEm(6,16,26)
b= prod(2,3,6)
print(a,b)
```

Q.25. What is the use of return statement?

KENDRIYA VIDYALAYA AFS NALIYA

SUMMER VACATION HOME WORK

CLASS XII SUBJECT ECONOMICS

Q. 1 SOLVE THE MONTHLY TEST QUESTIN PAPER.

Q.2 What is a barter system? What are its drawbacks?

Q.3 What are the main functions of money? How does money overcome the shortcomings c barter system?

Q.4. What is a 'legal tender'? What is 'fiat money'?

Q.5 What is 'high powered money'?

Q.6 Explain the functions of a commercial bank.

Q.7 What is 'money multiplier'? How will you determine its value? What ratios play an important role in the determination of the value of the money multiplier?

Q.8 What are the instruments of monetary policy of RBI? How does RBI stabilise the money supply against exogenous shocks?

Q.9 Distinguish between Real Gross Domestic Product and Nominal Gross Domestic Produc Which of these is a better index of welfare of the people and why?

or
Distinguish between Real and Nominal Gross Domestic Product.

Q. 10 WRITE THE LIMITATION OF GDP AND WELFARE.

Q.11 SOLVE 10 QUESTIONS OF EACH METHOD TO CALCULATING NATIONAL INCOME .

Q.12 EXPLAIN THE FUNCTION OF RBI.

Q.13 EXPLAIN THE PRECATIONS TAKING WHILE CALCULATING NATIONAL INCOME BY VAL ADDED METHOD , INCOME METHOD AND EXPENDITURE METHOD.

KENDRIYA VIDYALAYA AFS NALIYA

HOLIDAY HOMEWORK

(SUMMER VACATIONS 2024-25)

ENGLISH

Q1 DOWNLOAD CBSE QUESTION PAPER OF LAST TWO YEARS AND WRITE ANSWERS OF UNSEEN PASSAGES.

Q2 PROJECT WORK – WRITE THE MAN WORKS OF ALL POETS OF YOUR SYLLABUS.

Q3 WRITE THE SUMMARY AND CENTRAL IDEA OF ALL THE POEMS OF YOUR SYLLABUS.

Q4 WRITE A SHORT NOTE ON ALL TYPES OF POETIC DEVICES USED IN THE POEMS OF YOUR SYLLABUS.

Q5 REVISE ALL CLASSWORK AND READ ALL PROSES OF YOUR SYLLABUS.

Subject- Work Education

Class-XII (A & B)

Q.1. Making a chart paper/ poster on colour code of resistance.

केंद्रीय विद्यालय, वायु सेना स्थल, नलिया

ग्रीष्मकालीन अवकाश कार्य (2024-25)

- *विद्यार्थी ग्रीष्मकालीन अवकाश कार्य अपनी हिन्दी अभ्यास-पुस्तिका में ही करें|*

विषय : हिंदी   कक्षा : बारहवीं 'अ ', 'ब' (XII A&B)

1. निम्नलिखित काव्यांशों का भावार्थ लिखिए-
   (—) मैं जगजीवन-------------- तार लिए फिरता हूँ ।
   (二) हो जाए न पथ ------------ जल्दी ढलता है ।
2. भक्तिन पाठ का सारांश अपने शब्दों में लिखिए ।
3. सिल्वर वैडिंग कहानी पढ़कर उसे संक्षेप में अपने शब्दों में लिखिए।
4. भक्तिन के चरित्र की विशेषताओं का उल्लेख कीजिए|
5. टिप्पणी लिखिए – (क) पत्रकार के प्रकार (ख) उलटा पिरामिड शैली (ग) छह ककार
6. 'दिन जल्दी-जल्दी ढलता है – गीत का भावार्थ लिखिए ।
7. किसी एक विषय पर निबंध लिखिए-
   (—) विज्ञापन का बढता प्रभाव (ख) चुनाव का दृश्य (ग) ओंनलाइन खरीददारी का चलन

KV AFS NALIYA

HOLIDAY HOMEWORK

Class -12th Geography

1. Elucidate the Interdependence between Nature and Human beings.

2. State the fields and subfields of Human Geography and its relation with other branches of Social Sciences.

3. Differentiate between Environmental Determinism and Possibilism. And Explain Neo-determinism with examples from real life.

4. Name and define the components responsible for population change.

5. Understand the stages of population growth in the world using Demographic Transition Theory.

6. Suggest measures to control population growth.

7. Define the following terms: Growth of population, Natural growth of population, Positive growth of population, Negative growth of population

8. Differentiate between distribution of population and density of population.

9. Define: Physiological Density, Agricultural Density, Population doubling time, Working Population, Participation RateMain Worker, Marginal Worker, Rural Population, Urban Population, Adolescent Population.

10. Discuss the factors responsible for uneven distribution of population in India.

11. Explain trends of population growth in India since 1901.

12. Describe rural-urban population composition, religious composition linguistic composition and sectoral composition of work force in India.

13. Discuss the occupational structure of India's population. Differentiate between rural andurban settlement.

14. Describe the factors that govern the types of rural settlement in India.

15. Compare and contrast clustered, semi clustered, Hamleted anddispersed settlement with examples.

16. Describe the evolution of towns in India since prehistoric times.

17. Classify towns on the basis of their functions.

Home Work- CHEMISTRY

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^{0}C. What mass of glycerol was dissolved to make this solution? (Kb for water = 0.512 K Kg mol $^{-1}$)

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:_____

_____

_____

_____

Q.7 Give reason for followings

(a) Why are aquatic species more comfortable in cold water than in warm water?

(b) Deep sea divers are advised not to come to surface immediately from deep waters. Why?

(c) Cooking is faster in pressure cooker than in cooking pan

(d) Two liquids A and B boil at 120°C and 160°C respectively. Which of them has higher vapour pressure at 70°C?

(e) Name the substances which are used by deep sea divers to neutralize the toxic effects of nitrogen dissolved in the blood.

Ans:(a)_____

_____

Ans:(b)_____

_____

Ans:(c)_____

_____

Ans:(d) _____

Ans:(e) _____

KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION

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.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:_____

_____

_____

_____

_____

_____

Q.6 A 5% solution (by mass) of cane sugar in water has freezing point of 271 K. Calculate the freezing point of 5% solution (by mass) of glucose in water

(Molecular mass: Glucose $C_6H_{12}O_6$: 180 amu; Cane –sugar $C_{12}H_{22}O_{11}$: 342 amu)

OR

3.9 g of benzoic acid dissolved in 49 g of benzene shows a depression in freezing point of 1.62K. Calculate the van't Hoff factor and predict the nature of solute (associated or dissociated)

(Given molar mass of benzoic acid = 122 g mol^{-1}, K_f for benzene = 4.9 K kg mol^{-1})

Ans:_____

_____

_____

_____

_____

_____

_____

Class XII Complete the practical files and investigatory project given by teacher.

KENDRIYA VIDYALAYA AFS NALIYA

SUMMER VACATION HOME WORK

CLASS XII- BIOLOGY

1. Prepare an Investigatory project from the syllabus.

2. Learn chapter 1, chapter 2 and chapter 3.

3. Complete all the practical work which has been completed in class.

4. Write answers to PYQs of chapter 3.

5. Write answers to these Questions

    a. Compare and contrast the methods of contraception based on their effectiveness, accessibility, and ethical considerations.

    b. Analyze the role of education in promoting reproductive health awareness and reducing population growth rates.

    c. Analyze the role of education in promoting reproductive health awareness and reducing population growth rates.

(Summer Vacation)

Class - 12th B

Subject :- History

Answer the following questions in about 100 to 150 words.

BRICKS, BEADS AND BONES

Q. (1) How do archaeologists trace socio - economic differences in Harappan society?

Q. 2 "One of the most distinctive features of the Harappan cities was the carefully planned drainage system" . elaborate l

Q.3 List the raw materials required for craft production in the Harappan Civilization and discuss how these might have been obtained?

Q.4 Who was Cunningham? mention any one account used by him to locate the early settlements of Harappan civilization.

Q. 5 Write any three characteristics of the bricks used in the Harappan settlements.

Q.6 Why do archaeologists and historians find Harappan script Enigmatic? explain the reasons.

Q.7 Explain the three exclusive features of craft production in chanhudaro.

Q.8 Describe the opinions of the archaeologists over the central authority of the Harappan civilization.

Q.9 How have historians provided new Insight into the subsistence strategies of the Harappan culture.

KINGS,FARMERS AND TOWNS

Q. 1 Describe the silent features of mahajanapadas.

Q. 2 List some of the problems faced by epigraphists .

Q. 3 State any three reasons used by historians to reconstruct the history of mauryan Empire .

Q. 4 What does megasthenes tell about the administration of mauryan Empire ?

Q. 5 Discuss the trade in the subcontinent during 6th century BCE .

Q.6 "Magadh was the most powerful mahajanapada". Examine the statement.

Answer the following questions in about 500 words .

BRICS, BEADS AND BONES

Q. 1 Describe some of the distinctive features of Mohenjodaro .

Q.2 List the raw materials required for craft production in Harappan Civilization and discuss how these might have been obtained ?

Q.3 Discuss how archaeologists reconstruct the past ?

Q.4 What factors in your opinion are responsible for the collapse of a mature Harappan Civilization ?

KINGS, FARMERS AND TOWNS

Q. 1 Discuss the main features of mauryan Administration.

Q. 2 Which of these elements are evidence in the Ashokan inscriptions that you have studied ?

Q.3 Discuss the notions of kingship bat developed in the post mauryan period.

Q. 4 How do modern historians explain the development and growth of magadhan power ? explain.

Q.5 What to do Ashokan inscriptions tell about the mauryas ? describe the limitations of the inscriptional evidences.

Q. 6 What do you mean by numismatics ? how has the study of coins help numismatists to reconstruct possible commercial network ?

Q. 7 Explain the system of Land grants and trade from 600 BCE to 600 CE ?

Q. 8 Describe briefly the sources used for reconstructing the history of the Gupta rulers .

Q.9 Describe the administrative feature of Mauryan Empire.

CLASS XII- PHYSICS

1. Prepare an Investigatory project from the syllabus.

2. Learn chapter 1, chapter 2 .

3. Complete all the practical work which has been completed in class.

4. Write answers to PYQs of chapter 1 & 2.

5 . Write activities in activity notebook .