CLASS -II

HINDI

रोजाना हिंदी पाठयपुस्तक का एक पेज लिखना और पढ़ना

2 दस पक्षी और दस जानवरो के नाम लिखना

3. किन्ही 5 पक्षियों का चित्र चार्ट में बनाना

ENGLISH

Make a seperate copy for holidays hw

1. Do 1 page cursive writing daily.

2. Read 1 page of English daily.

3. Make face mask of butterfly, kangaroo, self face.

4. Write 3 lines about your favourite cartoon character and make its drawing also.

5. Name 5 games with pictures that you played during holidays.

EVS

1. Draw the body parts and write their names
2. Draw /paste any five animals you see around you and write their names.
3. Fun with colours:-
   Take an A4 sheet/drawing sheet and fold it in the middle and draw pictures of any two things you like to eat.
4. Make a family tree and paste photos of all members of your family .
5. Draw 5 sense organs and write their names.
6. Write functions of sense organs.

MATHS

1. Write and learn tables 2 to 15.
2. Draw any 8 thing which can slide.
3. Draw any 8 things which can roll.
4. Observe and draw different patterns that you see around your house and neighbors.
5. Write and learn number names 1 to 100.
6. Do 20 sums of multiplication.
7. Make any one Rangoli or design using dots and lines.

CLASS = 3

Holiday home work

HINDI

1 पाँच पृष्ठ सुलेख लिखो।

2 प्रतिदिन हिन्दी पाठ्य पुस्तक से एक पाठ पढना

3 शहीदे आजम भगत सिंह पर पाँच वाक्य लिखो।

4 प्रतिदिन समाचार पत्र पढ़ना

5 अपनी पाठ्य पुस्तक से 2 कविता याद करना।

6 पाठ्य पुस्तक के अलावा 2 कविता याद कर अपनी कॉपी में लिखना।

7 मेरा बगीचा पर पांच वाक्य लिखना।

8 एक पौधा लगाना व प्रतिदिन उसमे पानी देना।

9 पक्षियों के पानी के लिये एक परिंडा रखना व उसमे रोजाना पानी देना।1

MATHS

Draw the mirror halves of all the English alphabet in capital letter in chart.

Write multiplication table from 5 to 15 and learn them.

Write number name of 101 to 200

Make a balance (taraju) to measure weight.

Use different mathematical shapes and make 2 different pictures.

Make a rangoli design using dots grid.

EVS

POSTER MAKING/DRAWING:-
a) Draw a poster/ slogan related to water conservation (save water).
b) Draw or paste 5 sources of water.
c) Make a picture chart to show "what things we get from trees?" (Chart paper)
d) Draw the following animals by thumb prints: -
   i)   Parrot   ii) Peacock   iii) Butterfly
e) Draw a plant and label its parts.

DISCOVERY AND FACTS / KNOWLEDGE:-
1. Give 3 examples of each of the following:-
   a. Animals that crawl
   b. Animals that fly
2. Name 5 leaves used as food.
3. Name four rivers ___   ____   ____   _____

OBSERVATION AND IDENTIFICATION ACTIVITY
1. Plant any flowering/decorative plant. Do reporting observe changes in growth click pictures make collage .

Note :-
   □ Do all the assignments in a neat and legible handwriting.

MUSIC

1- केवीएस विद्यालय प्रार्थना, राष्ट्रगान ,केवीएस प्रतिज्ञा(हिंदी) और केवीएस प्लेज (इंग्लिश) इन्हें म्यूजिक की कॉपी में लिखना है व याद करना है ।याद करके अपनी वीडियो रिकॉर्डिंग करके मुझे सेंड करनी है ।

2 - अपनी पसंद का कोई भी एक गाना याद करना है ।याद करके अपनी वीडियो रिकॉर्डिंग बनाकर मुझे सेंड करनी है ।

3 - अपनी पसंद के किसी भी एक गाने पर डांस तैयार करके अपनी वीडियो रिकॉर्डिंग करके मुझे सेंड करनी है।

CLASS- 5

MATHS

Make a seperate notebook for holidays hw

1. Write names of your 5 friends and their height.

a) who is tallest ?

b) who is shortest ?

2. Collect data of 5 days temperature from newspapers and paste in notebook.

3. Learn the tables 2 to 25.

4. Revise chapter 1 and 2.

5. Draw different closed figures - triangle, square, rectangle, Pentagon, hexagon using matchstick on a chart paper.

ENGLISH

1. Make a chart :-
a. Write Ice-cream man, Team work poem on a chart paper.
2. Write a letter to your friend regarding – How are you going to use this summer holidays to learn new skills. Example- Reading Books, Learning new language etc.
3. Write an essay on recycling waste.
4. Read all chapter (1 Daily)
5. Write 5 new words daily in the form of dictation.

HINDI

Summer Holiday Homework (3 May 2021 to 20 June 2021)
Session :- 2021-22
Class : –V

Hindi
लेखन

1.“तिब्बत के बारे में 5 पंक्तियाँ लिखिए ।

2.“जौ” एक प्रकार का अनाज है जिसे कई तरह से इस्तेमाल किया जाता है। इसकी रोटी बनाई जाती है, सत्तू बनाया जाता है और सूखा भूनकर भी खाया जाता है। अपने घर में बातचीत करके कुछ और अनाजों का पता करो तथा उनके नाम लिखिए ।

3. “परियोजना कार्य भारत तेरे रंग अनेक”

भारत के विभिन्न राज्यों में मनाए जाने वाले फसलों के त्योहारों के बारे में पता कीजिए तथा उन्हें लिखिए।

जैसे असम-बिहू, तमिलनाडु-पोंगल

4. अपने प्रिय त्योहार के बारे में 5 पंक्तियाँ लिखिए।

5. निम्नलिखित त्योहार कहाँ और कैसे मनाये जाते हैं? लिखिए।

सरहुल-

पोंगल-

पतंगों का पर्व-

रचनात्मक अभिव्यक्ति

6.लॉक डाउन के समय में आप अपना समय घर में कैसे व्यतीत करते हैं? 10-15 पंक्तियों में लिखिए।

व्याकरण

7. व्यक्तिवाचक, जातिवाचक तथा भाववाचक संज्ञा के 10-10 उदाहरण लिखिए ।

8. 20 काम वाले (क्रिया) शब्द लिखिए।

पठन / श्रवण

9. किसी मोबाईल एप,यूट्यूब या घर में उपलब्ध किसी पुस्तक से प्रतिदिन एक कहानी पढ़िए या सुनिए ।

10. पाठ 1 और 2 को पढ़िए और याद कीजिए।

EVS

1.EVS Vocabulary Building Exercise: - Write and learn 10 names of the followings

   (i)Vegetables (ii)Fruits (iii)colours (iv)Animals (v) birds (vi)Spices (vii)vehicles

   (viii) stationary (ix) clothes(x)rivers

2.Write the names of National Parks in India.

3. Survey –People who keep animals Talk to some people on phone in your neighbourhood who keep one or more animals for their livelihood–for example, a horse for a tonga, hens for eggs, etc.

(i) Name the animal they keep?

(ii)How many animals are there?

(iii) Is there a separate place for the animals?

4.make a snake puppet

5.Read and Learn the following Chapters (a question bank of these chapters will be sent to you to learn)

(i)Super Senses

(ii) A Snake Charmer's Story

(iii) From Tasting to Digesting

6.Write any 10-good work, you did in these summer vacations.

म्यूजिक MUSIC

1- केवीएस विद्यालय प्रार्थना, राष्ट्रगान ,केवीएस प्रतिज्ञा(हिंदी) और केवीएस प्लेज (इंग्लिश) इन्हें म्यूजिक की कॉपी में लिखना है व याद करना है ।याद करके अपनी वीडियो रिकॉर्डिंग करके मुझे सेंड करनी है ।

2 - अपनी पसंद का कोई भी एक गाना याद करना है ।याद करके अपनी वीडियो रिकॉर्डिंग बनाकर मुझे सेंड करनी है ।

3 - अपनी पसंद के किसी भी एक गाने पर डांस तैयार करके अपनी वीडियो रिकॉर्डिंग करके मुझे सेंड करनी है।

Library

1. Write 10 page Sulekh in English.
2. Write few sentence over your dear Pet animal.
3. Learn minimum 20 new English word and write them in your notebook with their hindi meaning.

Work & Experience

1. Write five sentences on your family ?
2. Write five sentences on your favorite sport ?

H. Assignment Summer Vacation (2021-22)
Class 6th
Subject – English

1) Make a list of 54 Main Verbs (Action Words) in the format given below. Some examples are shown below:

S. N.	1st Form	2nd Form	3rd Form	Ing - Form	Infinitive Form
1.	Go	Went	Gone	Going	To Go
2.	Walk	Walked	Walked	Walking	To Walk
3.	Look	Looked	Looked	Looking	To Look
4.	See	Saw	Seen	Seeing	To See

2) Make 40 different types of sentences as mentioned below:
   a) 10 assertive
   b) 10 interrogative
   c) 10 negative
   d) 10 exclamatory

3) Suppose one day, like Patrick, you find an elf (tiny man) in your room. How would you feel on seeing the elf? What would you want to ask him? Imagine the situation and write a dialogue. You may use words like: happy, great, help, wonderful, easy, relax, best friends, comfortable, spare time etc.

4) Watch videos of famous Indian magicians like Ugesh Sarcar, P.C. Sorcar etc. and describe in your own words, whose tricks you liked the best and why?

5) Taking clues from the chapter 'How the Dog found himself a New Master', create dialogues between the man and the dog, when the dog meets him.

6) Given below are the clues of a story. Supposing that this story is to be enacted by the students of your class in an inter-class competition, write the script of this story. Your script should have the dialogues, narration stage directions etc.,
   a) Cues - A Mouse Maiden
   - Mouse changed into a girl by a magician...
   - Wants to marry the strongest person...
   - Asks whether sun or cloud stronger (why?)
   - But mountain stronger than clouds (how?)
   - But mouse stronger than mountain (how?)
   - Girl asks to marry mouse, becomes a mouse again.
   Sanjay Kumar
   Tgt English

HINDI

- समय पर शुल्क ना भर पाने पर रजिस्टर से नाम काट दिए जाने पर अपना नाम फिर से लिखवाने के लिए प्राचार्य महोदया को एक प्रार्थना पत्र लिखें ।

- निम्नलिखित सभी विषयों पर निबंध लिखें (शब्द सीमा 250 शब्द)

क – कोरोना का बिगड़ता स्वरुप और बचाव के उपाय

ख – मेरा प्रिय खेल

ग – पर्यावरण प्रदूषण कारण और उपाय

- कबीर के 5 दोहे लिख के याद करे ।

- पक्षियों और प्रकृति पर आधारित तीन कवितायेँ लिखे ।

- पूरक पुस्तिका "बाल रामकथा " के 5   अध्यायों को पूरा पढ़े और उनका सार लिखें।

ARTS & CRAFT

कक्षा 6 ग्रीष्मकालीन चित्रकला कार्य

1 योग दिवस पर अपनी कल्पना से चित्र बनाएं

2 कोरोना वायरस से संबंधित बचाव व सावधानियों को ध्यान में रखते हुए चित्र बनाएं

3 खेलों के महत्व को समझते हुए अपने पसंदीदा खेल का चित्र बनाएं

4 दो वस्तु चित्रण (still life)

5 दो ग्रीटिंग कार्ड बनाएं

6 प्राकृतिक दृश्य [ऑयल पेस्टल] कलर से बनाएं

SANSKRIT

ग्रीष्मकालीन अवकाश गृह कार्य कक्षा 6

 1. अकारांत पुल्लिंग शब्द लिखें 10 जैसे – राम:

 2. आकारांत स्त्रीलिंग शब्द लिखे 5 जैसे – लता

 3. अकारांत नपुंसक लिंग शब्द लिखें 5 जैसे – पुस्तकम्

 पाठ 1 से प्रश्न संख्या 1 2 3 4 5 6 7 8 करें ।

        पाठ संख्या 2 से प्रश्न संख्या 1 2 4 5 6 7 8 संस्कृत की कॉपी में सफाई स्वच्छता शुद्धता का ध्यान रखते हुए करें।

Class: VI- Social Science

(a) Revision for PT-1

History chapter-1 - WHAT, WHERE, HOW AND

WHEN Geography chapter-1 – EARTH IN THE SOLAR SYSTEMCivics Chapter – 1 – UNDERSTANDING DIVERSITY

(b) <u>Home Work-</u>

(i) Make a note of the day to day activities that are happening in yoursurroundings.

(ii) In the outline map of India locate and mark states and union territories withcapital.

(c) <u>Subject Enrichment Activity – Two Project</u>

(i) * Prepare a **scrap** book on ASSAM state under EBSB. Minimum10 pages

(ii) Disaster Management - Compulsory

How COVID-19 PANDEMIC disturbed your life? What can be done to protectourselves? Explain in your words.

Hints- Impact on Education, Entertainment, and

Health.Criteria: Content =10

Overall Presentation10

Total 20

MATHEMATICS

Fill in the blanks:

a) If the product of two whole numbers is zero then one of them will be_____.

b) Every natural number except_____has a predecessor.

c) If we add the number_____to the collection of natural numbers, we get the collection ofwhole numbers

d) Place value of 7 in '3627992' is_____.

e) Expanded form of 3920671 is_____.

f) Number name of 63728729 in Indian system of numeration is_____.

g) Number name of 782678926 in International system of numeration is_____.

 h)_____ is the smallest whole number.

 i) If we add_____ to a number, we get its successor.

 j) 786 when estimated to the nearest tens is_____and when estimated to the nearesthundreds is_.

 2. Medicine is packed in boxes, each weighing 5kg 600g. How many such boxes can be loaded in avan which cannot carry beyond 260kg?

3. A student multiplied 1234 by 67 instead of multiplying by 76. By how much was his answer lesserthan the correct answer.

4. Sunny is a famous cricket player. He has so far scored 8932 runs in test matches. He wishes tocomplete 10,000 runs. How many more runs does he need?

5. Starting from the smallest 4 digit number, write the next five numbers in the ascending order.

6. Write the predecessor for the following numbers: a) 72731731 b) 3932802201

7. Write the successor for the following numbers: (a) 32891210   (b) 98752122

8. Write the following in roman numerals: (a) 29 (b) 98 (c) 121

9. Write the following in Hindu - Arabic system of numeration: (a) CCCXL (b) LXXXVI   (c) CDXLVI (d) XCIX

10. The canteen charge Rs. 50 for lunch and Rs. 20 for milk for each day. How much money do youspend in 4 days on these things?

11. Simplify by using suitable properties (also state them):

(a) 71 x 56 + 29 x 56 (b) 135 x 52 + 48X152

12. If the product of two whole numbers is 1, can we say that one or both of them will be 1? Justifythrough examples.

13. Simplify by using suitable rearrangement: (a) 4 x 927 x 25   (b) 250 x 60 x 50 x 8 14. If you areon a diet and have a breakfast containing 150 calories, a lunch consisting of 350 calories, and a dinner consisting of 1000 calories, then find the sum of the calories consumed that day.

15. At a certain school each classroom contains 32 students. How many classrooms will you need for384 students

16. Name any five large cities in India. Find their population. Write their population in numerals andwords using Indian place value chart.

17. LEARN MULTIPLICATION TABLES FROM 1 TO 20.

18. PROJECT WORK: Write a paragraph (in not more than 50 words) on "RAMANUJAN - The GreatMathematician". Write the important contributions of him.

LIBRARY

1. **Make 5 bookmarks for your book.**
2. **Write types of computer.**
3. **Why library is necessary in school?**
4. **Find out the names of public library opened in Raisinghnagar.**
5. **Why we need to sit silently in the library?**
6. **Write 2 book review of your favourite book?**

PROJECT:

Q1. Prepare chart for vitamins and minerals, their needs, deficiency,disease, symptoms and sources of vitamins and minerals?

Q2. Make a project on "chart of balanced diet" in strip file?

Q3. List the ingredients needed for at least 4 food items?

Q4. Unscramble the following words related to the components offood and write them:

ØReinpot

ØMenliars

ØTivanmi

ØBocatradhyer

ØNitesturn

ØTfa

Q5. Which of the following food items does not provide anynutrient:

Milk, water, orange juice, tomato soup

Q6. Fill in the blanks from the list of words given below:

(Carbohydrate, fat, protein, starch, sugar, vitamin A, vitamin C,roughage, balanced diet, obesity, goiter)

ØEgg yolk is rich in --------------- and egg albumin isrich in ---------- --.

ØDeficiency disease can be prevented by taking a ---------.

ØEating too much of fat rich foods may lead to a condition called_____.

ØThe component of food that does not provide any nutrient to our body and yet it is essential in our food is -----------

ØThe vitamin that get easily destroyed by heating during cooking is

_____.

Q7. Read the following items of food listed below. Classify them into carbohydrate rich, protein rich and fat rich foods and fill them in the given table:

(Moong dal, fish, mustard oil, sweet potato, milk, rice, egg, beans, butter, butter milk(chhachh), cottage cheese (paneer), peas, maize, white bread).

Carbohydrate rich Food item(A)	Protein rich Food item(B)	Fat rich Food item (C)

Q8. Tasty food is not always nutritious and nutritious food may not always be tasty to eat. Comment with examples?

Q9. Explain the importance of food for living organisms?

Q10. Name two sugar producing plants?

Q11. From where does Honey come? How is it produced and collected?

Q12. Define sprouted seeds?

Q13. Explain the terms:

a) Carnivore

b) Herbivores

c) Omnivores

Q14. Boojho was having difficulty in seeing things in dim light. The doctor tested his eye sight and prescribed a particular vitamin supplement. He also advised him to include a few food items in hisdiet.

a) Which deficiency disease he is suffering from?

b) Which food component may be lacking in his diet?

Suggest some food items that he should include in his diet (any 4)?

Q15. What is known as golden fiber?

Q16. Why are jute plants cut at flowering stage and not on complete maturation?

Q17. What is spinning ? Name two simple devices used for spinning?

Q18. In which season is cotton planted? What is its course of growth?

Q19. What are looms? What are two types of looms.

Q20. What do you mean by classification? What is the need for classification?

Q22. Why is mercury used in making thermometers?

Q23. Why is water called universal solvent?

Q24. Why is tumbler not made with a piece of cloth?

Q25. Name the property in which steel and sponge differ fromeachother?

Q26. Read and learn chapter 1, 2 and 3?

Q27. Prepare 20 MCQs from the chapter 1, 2, 3 and 4?

SOLVE THE PAPER:

MM-30

Q1) ONE WORD QUESTION ANSWERS:
1 mark each

1) Name the animals which provide us milk?

2) Name the vitamin required for maintaining good eye sight?

3) Name one item that are made from coconut fibres?

4) Name one fibre obtained from the stem of plants?

Q2) fill up the blanks:-
2 marks

1) Tiger is a ------------------because it eats only meat.

2) is caused by deficiency of vitamin D.

3) Animal fibres are ---------- and---------------- --.

4) Parrot eats only -------------products.

Q3) state whether the following statements are true or false:-2
marks

1) Polyester is a natural fibre. ()

2) By eating rice alone, we can fulfill nutritional requirements ofour
body. ()

3) Lion is omnivorous. ()

4) Deficiency diseases can be prevented by eating a balanced diet.()Q4) short

question answer:-
2 mark each

1) Name four plants and their parts that we eat.

2) What is a balanced diet?

3) From which parts of the plant cotton and jute are obtained?

4) What is ginning? How is it done?

Q5) short question answer:-3
mark each

1) Explain the process of making yarn from fibres?

2) Explain the terms:-

a) Herbivores

b) Carnivores

C) Omnivores

1) Name two foods each rich in

a) Fats

b) Starch

c) Protein

Q6) long question answers:-5
mark

1) Name the major nutrients in our food? Write its
sources and functions?

Holiday Home work   Summer vacation   subject - Work Experience

Class-6

1. Write five input and output devices of computer ?
2. What is computer & write parts of computer ?
3. Write Safety measures to prevent Covid-19 ?

Holiday Homework for summer vacation 2021

Class- VII subject:- English

1. Draft a notice about your lost book in the school library.
2. you have found a water bottle in the school Garden. Draft a notice to inform about it.
3. Write a paragraph about my hobby in 100 words.
4. write Stories on:-1. lion and the mouse .2 A greedy dog.
5. Write one verb and its sentence daily in your notebook.
6. Draw the picture of your dream life.
7. Learn by heart all the lessons completed till date.

11:46 AM

केंद्रीय विद्यालय रायसिंह नगर

ग्रीष्मावकाश गृहकार्य

कक्षा 7

• प्राचार्य जी को 2 दिन के अवकाश हेतु एक प्रार्थना पत्र लिखें |

• निम्नलिखित सभी विषयों पर निबंध लिखें (शब्द सीमा 250 शब्द)

क = कोरोना का बिगड़ता स्वरुप और बचाव के उपाय

ख – मेरा प्रिय खेल

ग – पर्यावरण प्रदूषण कारण और उपाय

• हम पंछी उन्मुक्त गगन के कविता के प्रश्न उत्तर कॉपी में लिखो पाठ दादी मां के प्रश्न उत्तर कॉपी में लिखो और याद करो

• पक्षियों और प्रकृति पर आधारित तीन कवितायेँ लिखे |

• पूरक पुस्तिका "बाल महाभारत " के 7 अध्यायों को पूरा पढ़े और उनका सार लिखें| 1:02 PM ✓✓

ग्रीष्मकालीन अवकाश गृह कार्य विषय -संस्कृत
कक्षा -7   पाठ संख्या 1 प्रश्न संख्या 2 3 4
5 6   पाठ संख्या दो प्रश्न
संख्या 2 3 4 6 7   पाठ
संख्या 3 प्रश्न संख्या 3 4 5 7 को संस्कृत
की कॉपी में स्वच्छता और शुद्धता का ध्यान
रखते हुए करेंगे।   8:55 AM

कक्षा 7 विषय संस्कृत परियोजना कार्य
1. संस्कृत में प्रतिज्ञा लिखकर याद करें
।   2. पाठ 1 से सुभाषितानि
के पांच श्लोक लिखे और याद करें।   3.
पाठ 3 से प्रश्न संख्या 3 सचित्र करें। परियोजना
कार्य के लिए आप एक फाइल बनाएं 5 पेज की
उसमें सुंदरता और सफाई से कार्य करें।   8:55 AM

KENDRIYA VIDYALAYA (BSF)RSNR
Holiday Homework
Class- 7
Subject- Maths

1. When the integers 10, 0, 5, -5,-7 are arranged in descending or ascending order, then find out which of the following integers always remains in the middle of the arrangement.

(a)   0   (b) 5   (c) – 7   (d) -5

2. By observing the number line, state which of the following statements is not true?
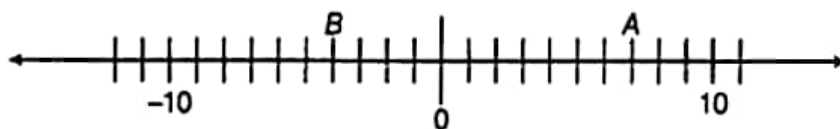
a) B is greater than -10   (b) A is greater than 0

(c) B is greater than A   (d) None

3. By observing the above number line, state which of the following statements is   true?

(a) B is 2   (b) A is – 4   (c) S is -13   (d) B is – 4

4. Next three consecutive numbers in the pattern 11, 8, 5, 2,____,____,____are

(a) 0, – 3, – 6   (b)-1,-5,-8   (c) – 2, – 5, – 8   (d)-1,-4,-7

5. Which of the following statements is not true?

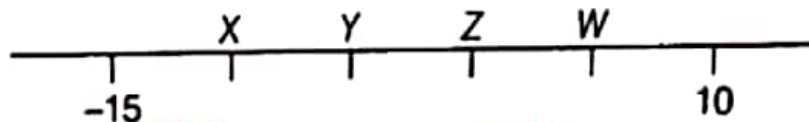**(a)** When two positive integers are added, we always get a positive integer.

(b) When two negative integers are added, we always get a negative integer.

(c) When a positive integer and a negative integer are added, we always get a negative integer.

(d) Additive inverse of an integer 2 is (-2) and additive inverse of (-2) is 2.

6. On the following number line value, 'zero' is shown by the point

(a) X   (b) Y   (c) Z   (d) W

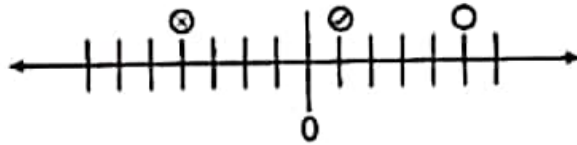**7.** The value of 5 + (- 1) does not lie between

(a) 0 and -10   (b) 0 and 10

(c) – 4 and -15   (d) – 6 and 6

8 If ⊗, O, ∅ and ● represent some integers on number line, then descending order of these numbers is

(a) ●,⊗,∅,O (b) ⊗,●,∅,O (c) O,∅,⊗,● (d) O,●,⊗,∅

9. Water level in a well was 20 m below ground level. During rainy season, rainwater collected in different water tanks was drained into the well and the water level rises 5 m above the previous level. The wall of the well is 1m 20cm high and a pulley afixed at a height of 80 cm. Raghu wants to draw water from the well. The minimum length of the rope, that he can use is

80 cm

1m 20 cm
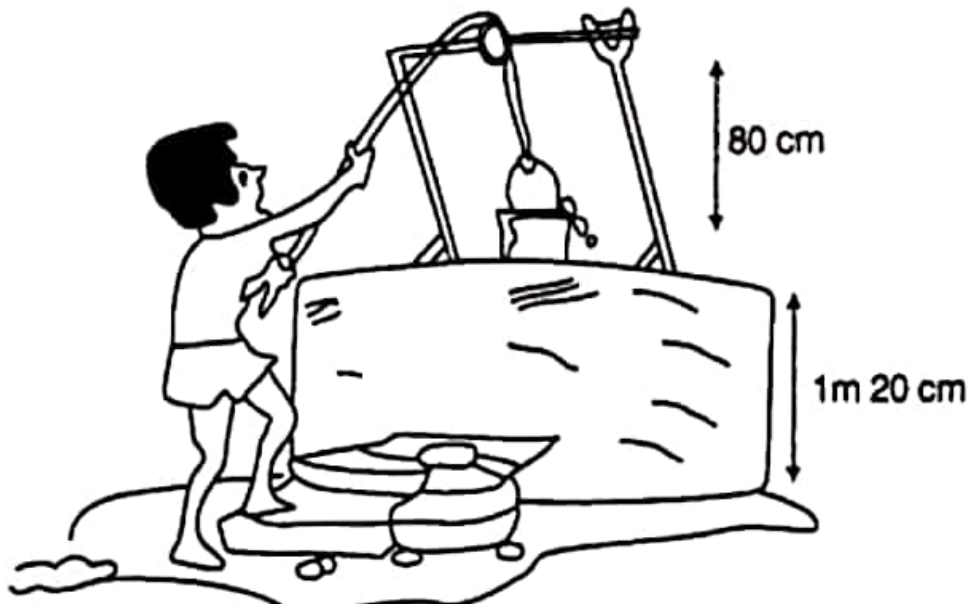
(a) 17 m   (b) 18 m   (c) 96 m   (d) 97 m

10. Using number line, find: (i) 3 × (-5)
(ii) 8 × (-2)

11. Solve the following: (i) (-8) × (-5)
+ (-6)
(ii) [(-6) ÷ (-3)] + (-4)
(iii) (-10) × [(-13) + (-10)]
(iv) (-5) × [(-6) - 5]

12. You have ₹ 500 in your saving account at the beginning of the month. The record below shows all of your transactions during the month. How much money is in your account after these transactions?

Cheque No.	Date	Transactions description	Payment	Deposit
384102	4/9	Jal Board	₹ 120	₹ 200
275146	12/9	Deposit		
384103	22/9	LIC India	₹ 240	₹ 150
801351	29/9	Deposit		

13. The given table shows the freezing points in °F of different gases at sea level. Convert each of these into °C to the nearest integral value using the relations and complete the table
C = 5/9 (F -32)

Gas	Freezing point at sea level (°F)	Freezing point at sea level (°C)
Hydrogen	−435	
Krypton	−251	
Oxygen	−369	

(NCERT Exemplar)

14. Taking today as zero on the number line, if the day before yesterday is 17 January, what is the date on 3 days after tomorrow?

15. Social Studies Application remembering that 1AD came immediately after 1 BC, while solving following problems take 1BC as -1 and 1AD as + 1.

(a) The Greeco-Roman era, when Greece and Rome ruled Egypt, started in the year 330 BC and ended in the year 395 AD. How long did this era last?

(b) haskaracharya was born in the year 1114 AD and died in the year 1185 AD. What was his age when he died?

(c) Turks ruled Egypt in the year 1517 AD and Queen Nefertis ruled . Egypt about 2900 years, before the Turks ruled. In what year did she rule?

(d) Greek Mathematician Archimedes lived between 287 BC and 212 BC and Aristotle lived between 380 BC and 322 BC. Who lived during an earlier period?

16. The table shows the lowest recorded temperatures for each continent. Write the continents in order from the lowest recorded temperature to the highest recorded temperature.

The Lowest Recorded Temperatures	
Continent	Temperature (in Fahrenheit)
Africa	-11°
Antarctica	-129°
Asia	-90°
Australia	-9°
Europe	-67°

North America	-81°	
South America	-27°	

17. **PROJECT WORK:** *Write a paragraph (in not more than 100 words) on "RAMANUJAN - The Great Mathematician". Write the important contributions of him .*

18.   Learn *multiplication* table from 2 to 20.

Note: all the students have to write all these questions in Homework/ Activity notebook separately.

KENDRIYA VIDYALAY BSF RAISINGHNAGAR
SUMMER VACATION HOLIDAY HOME-WORK
SUBJECT- SCIENCE
CLASS-VII

Answer the following:

Q1. Information on insectivorous plant with diagram?

Q2. Write down the importance of mushroom?

Q3. Write down in detail the disease of digestive system?

Q4. Write a short note on tooth decay?

Q5. Name the raw materials needed for photosynthesis.

Q6. Mention the role of chlorophyll in photosynthesis.

Q8. How are nutrient replenished in the soil?

Q9. What is tongue? Write its functions?

Q10. Explain the process of rumination?

Q11. Explain the process of digestion in the stomach?

Q12. How is small intestine designed to absorb digested food?

Q13. What is wool? Name the sources of wool?

Q14. Explain the steps involved in the wool production?

PROJECT:

Q15. Collect various coloured leaves and paste them.

Q16. Draw the following diagrams and arrange them in a file:

ØDiagram showing photosynthesis

ØStomata

ØA section through a leaf

ØPitcher plant showing lid and pitcher

ØHuman digestive system

ØDiagram showing oesophagus and stomach

ØDigestive system in ruminants

ØAmoeba

ØLife history of silk moth

ØRearing silk worms

Q17. In an outline map of India, name the places on the map where you find animals that produces wool?

Q18. Write and learn question answer of chapter 1 and chapter2?

SOLVE THE PAPER
MM: 30

Q1. Tick the correct answer:-   2
mark

a) Amarbel is an example of

     i)   Autotroph

     ii)   Parasite

     iii)   Saprotroph

     iv)   Host

b) Water from the undigested food is absorbed mainly in the

    i)   Stomach

    ii)   Foodpipe

    iii)   Small intestine

    iv)   Large intestine

c) Which of the following does not yield wool

    i)   Yak

    ii)   Camel

    iii)   Goat

    iv)   Woolly dog

d) Amoeba digest its food in the

    i)   Cytoplasm

    ii)   Pseudopodia

    iii)   Food vacuole

    iv)   stomach

Q2) FILL IN THE BLANKS:
2 mark

    i)   The largest gland in the human body is ----------

    ii)   The most common silk moth is -----------

    iii)   The main steps of nutrition in human are
            _____,_____,_____,_____and_____.

    iv)   The food synthesized by the plant is stored as ---------

Q3) True or false:-   2 marks

1) Plants which synthesise their food themselves are called saprotrophs ().

2) The gall bladder temporarily stores bile ().

3) The rearing of silkworms for obtaining silk is called sericulture. ()

4) The saliva breaks down the starch into sugars ().

Q4) Answer the following: 1 MARK

Q1) what are stomata? Write about the function of stomata?

Q2) name three glands associated with the digestive system?

Q3) where angora goats found in India?

Q4) define symbiotic relationship with example?

Q5) ANSWER THE FOLLOWING: 2 MARK

Q1) Distinguish between a parasite and a saprotroph?

Q2) What is meant by the following:

a) shearing

b)Rearing

Q3) where is the bile produced? Which component of the food does it help to digest?

Q6) ANSWER THE FOLLOWING: 3 MARK

Q1) what are villi? What is their location and function?

Q2) Draw various stages in life history of silk moth?

Q3) Define photosynthesis? Write the equation of photosynthesis? What are the factors essential for the photosynthesis to take place?

Q7) ANSWER THE FOLLOWING: 5 MARK

Q1) which part of the digestive canal is involved in:

      I)   Absorption of food ------------

      II)   Chewing of food ---------

III)   Killing of bacteria -----------

IV)   Complete digestion of food ---------

V)   Formation of faeces ---------

KENDRIYA VIDYALAYA BSF
RAISINGHNAGAR

Summer Holidays Homework (2021-2022)

Subject - Social Science

Class- VII

• HISTORY

Q1. Paste the picture of the different type of historical sources (like Coins, inscriptions, monuments, sculptures, painting, books) and write 2-2 lines about them.

Q2. What is the value of paper in the thirteenth and fourteenth century? Compare.

Q3. In what ways has the meaning of the term "Hindustan" changed over the centuries?

Q3. Prepare a list of the names of languages spoken today in the regions he (Amir Khusrau) mentioned: names that are similar and those that are different. (Ncert page 10)

Q4. Fill in the blanks:

Archives are places where _____ are kept.

(ii) _____ was a fourteenth-century chronicler.

(iii) _____, _____, _____, _____ and _____ were some of the new crops introduced into the subcontinent during this period.

Q5. Define the following terms;

Manuscript, Archives, periodisation, Cartographer, Rajaputra

Q6. Find out two famous historical places of your native state and collect information about them.

Q7. How history was divided by historians during the middle of the nineteenth century?

• GEOGRAPHY

Q8. What is the environment?

Q9. Define the terms biotic and abiotic.

Q10.When is the world environment day celebrated?

Q11. What is the barter system?

Q12. Which are the major components of the environment?

Q13. Look at your surroundings. Make a list of uses that the land in your neighborhood is being put to.

Q14. Distinguish between biotic and abiotic environments.

Q15. Explain with examples the different components of environment.

Q16. Fill in the blanks with appropriate words:

1. Hydrosphere is a part of ....

2. Two main constituents of environment are ....

and ....

   3. .... is the hard top layer of the earth.

   4. .... modify the natural environment.

Q17. Match the following:

Biosphere   (a) blanket of air which surrounds the earth

Atmosphere   (b) domain of water

Hydrosphere   (c) gravitational force of the earth

   (iv) Environment   (d) our surroundings

                                    (e) Narrow zone where the land water and the air interacts

Q18. Make a poster and write some (slogans) on it for public awareness on Corona outbreak.

- **Last date of submission: 19/06/2021**
- **NOTE : Write in Subject enrichment activity notebook and then submit it in Google classroom only.**

4. ~~Write ten sentences on your favorite sport~~

Class-7

1. Write an essay on "Swasth Bacche Swasth Bharat" ?
   (100-250 words)
2. What is computer & write parts of computer ?
3. Write Safety measures to prevent Covid-19 ?

1. Write five input and output devices of computer ?
2. What is computer & write parts of computer ?
3. Write Safety measures to prevent Covid-19 ?
4. Write ten sentences on your favorite sport?

Class-7

1. Write an essay on "Swasth Bacche Swasth Bharat" ? (100-250 words)
2. What is computer & write parts of computer ?
3. Write Safety measures to prevent Covid-19 ?

कक्षा 7 ग्रीष्मकालीन चित्रकला कार्य

1 योग दिवस पर अपनी कल्पना से चित्र बनाएं

2 कोरोना वायरस से संबंधित बचाव व
सावधानियों को ध्यान में रखते हुए चित्र बनाएं

3 खेलों के महत्व को समझते हुए अपने पसंदीदा
खेल का चित्र बनाएं

4 दो वस्तु चित्रण(still life)

5 दो ग्रीटिंग कार्ड बनाएं

6 प्राकृतिक दृश्य [ऑयल पेस्टल] कलर से बनाएं

7 एक भारत श्रेष्ठ भारत पर एक चित्र बनाएं

यह सभी कार्य समय पर पूरा करें और आप
पीडीएफ बनाकर गूगल क्लासरूम या मेरे
नंबर पर भेजें

12:18 PM

LIBRARY

- **What is the use of Library in society?**
- **Search on internet and Write down the names of all National Library of India.**
- **Write an essay over your experience on PUSTAKOPAHAR event in more than 400 words.**
- **Write book review of 5 books.**
- **Make atleast 10 bookmarks**

ENGLISH

READING SECTION (1ST Week)
1. A NEW ZEALAND HOLIDAY PLAN
New Zealand offers the perfect setting for an enjoyable family holiday. There is a lot to do, a lot to experience, during this holiday. Whether it is its stunning natural beauty, geothermal landscapes, rich and diverse natural life, the unique Maori culture or the prospect of fun and adventure, the place promises to surprise and delight at every step along the journey.

For those looking for a quiet and relaxing holiday, New Zealand is made to order. One can experience the therapeutic effects of natural hot pools at the thermal city of Rotaria. At other times one can take long leisurely walks on the pristine beaches that dot the region. One can decide on a day long boating trip starting from Akaroa near Christchurch. On such trips one can relax, take in the scenic splendor and savour a delicious lunch. Alternately, one can settle for an elaborate family picnic in the picture perfect setting.

If one settles for a geothermal tour, one will come across boiling mud pools and roaring geysers. For the more adventurous, there is an opportunity to take a helicopter ride over the magnificent glaciers that date back to the Ice Age and line the Franz Josef glacier route. For the stout hearted there is a thrilling subterranean adventure at Waitomo, through a network of caves magically lit up by thousands of glittering glow worms. Another popular trip is a day long cruise along the magnificent Bay of Islands which brings tourists close to the rich marine life of the country. One can watch dolphins do acrobatics here. At Queenstown one can indulge in jet boating, white water rafting, gondola rides and more. And finally, one can round off the New Zealand trip with a ride in a hot air balloon over the rich plains of Canterbury.

(i)How New Zealand offers the perfect setting for an enjoyable family holiday?

(ii) What is the attraction of a visit to Rotaria?
a.Natural hot pools   c. A day long boating trip
b.A delicious lunch   d. Elaborate family picnic
(iii)Why do holiday makers go to Akaroa?

To take a helicopter ride

For long leisurely walks on the pristine beaches

For thrilling subterranean adventure

For a day long boating trip starting from Akaroa

How New Zealand serves the purpose of picnic?

A SENSATIONAL MIGRATION

Barely one year old, an Arctic fox has likely set a record for its species, trekking more than 3,500 kilometres from Norway to Canada in just 76 days.The fox's great adventure started in Spitsbergen, a large island in Norway's Svalbard archipelago, on March 26, 2018. Norwegian researchers followed the young female fox, fitted with a tracking device, as it travelled across masses of sea ice at an uncanny rate of speed.The fox clocked 1,512 kilometres in 21 days and arrived in Greenland on April 16. Her journey brought her to Ellesmere Island, Nunavut, in time for Canada Day on July 1, 2018.

The researchers believe the Arctic fox's journey is one of the longest ever recorded.The results left scientists wide-eyed — and skeptical."We first did not believe it was true," researcher Eva Fuglei said. "We just had to keep up with what the fox did."

The route the fox took over 76 days from Norway to Canada is depicted on this map. Fuglei said she thought maybe the fox had died or made its way onto a boat, causing the satellite data to seem skewed.But "there are no boats in that area" deep in the ice, Fuglei said.Their article said the Arctic fox species has "exceptional mobility and endurance," especially in polar environments, and that while migration was expected, it was her speed of travel that astonished them.Roaming across icy terrain, the fox moved an average of 46.3 kilometres per day. The most it travelled in a single day was 155 kilometres across an ice sheet in Greenland.
It did, however, slow down on two occasions — travelling less than 10 kilometres per day — possibly due to tough land, weather or hunting opportunities, the scientists said.The fox likely survived on "marine food resources," like seabirds, before settling on Ellesmere Island. There, she feasted on lemmings, a small Arctic rodent.
As for why the little fox made the trip, scientists have no easy answer.The ice was "crucial" for the fox to take the spanning journey, according to researchers, which raises concerns about what may happen to the species as sea ice melts and patterns change.Norway's climate and environment minister pointed the finger at climate change."This is another example of how important sea ice is to wildlife in the Arctic," Ola Elvestuen told the institute."The warming in the north is frighteningly fast. We must cut emissions quickly to prevent the sea ice from disappearing all summer."
The Arctic has shown consistent and steady warming and ice melt over the years. While the study of ice melt in the Arctic is ongoing, the tracking of this particular fox stopped short this year. The satellite transmitter attached to the young fox stopped working in February. (Source – Wikipedia)

Use the information in the passage above to answer the following questions –

Q.(i) – The travel route of the fox was as described below –

A –Began from Greenland   B- Nunavut to Svalbard

C- Canada to Norway D- Spitsbergen to Ellesmere

Q.(ii) What is the most remarkable or surprising feature about the fox's travel?
A- The fox travelled such a long distance over continents
B – The speed at which it completed the journey
C- The migration pattern of polar animals
D – The fact that it survived in the icy terrain

Q.(iii) What was the most important factor that was essential for its migration, and why?
Q. (iv) How is the worry of climate activists and environmentalists linked to the migration of the fox?

Q3. Read the passage given below and answer the questions that follow:
Most students groan when they hear their teachers assigning homework. When I was a kid I do not like having homework because it took up my playing and television time. But studies have shown that homework is important for the students because it can create good study habits and positive attitude towards learning as they grow older.
Homework can improve the study habits of a student. This means that the student can create a good time management at home. By having a homework, the students will then have to schedule their time so that they can still do other home activities that they want to do.
Homework can also make the students remember and make them understand more clearly the lessons that they are taking up at school.
These are just the main reasons why homework is important for the students. It is an attitude and good habit building exercise for the students. Homework can also make the parents get involved with the education of their kids. If you are a parent then you have to encourage your kids to pay attention to their homework and manage their time to finish it early. If you are a student, then you should not complain because these home works are not given out of teacher's whim but it is an essential part of your education.
1 .Answer by choosing the correct option:
a. The above passage is about

i.   Home work
ii. The importance of homework
iii. Doing homework is all fun
iv.   Parents' role in child's homework
b. Parent's role in his/her child's homework is

i.   Remind the child all the time about the homework.

ii.   Let the child do all the homework himself/herself.

iii.   Do all the child's homework.

iv.   Encourage and manage the time for the child to do his/her homework.

2. How can doing homework improve a child's study habits? (Answer in 30-40 words)

3. Find out the words from the passage which means:

i. A complaining noise (para 1)……………

ii. Plan (para 2)………………….

Q4. Read the extract and answer the questions based on it.

Questions:

1. Rohan went to a park and caught a butterfly. As the butterfly fluttered to escape, he could feel the dust on his hand. This dust is the _____ of the butterfly:

a) Wings   c) Veins

b) Scales   d) Skin

2. One of the reasons why butterflies and moths are not found in Antarctica is the extreme cold weather conditions. What could be the other possible reason?

_____

3. Mention any four ways in which a butterfly can be distinguished from a moth?

_____

Daisy sees colourful butterflies sitting on the flowers of her garden every day. Give a reason why do they perch on the flowers?

_____

Q.5 Given below is a graph on the production of paper by three companies:

Questions:

What is the difference between the production of company Z in 1998 and company Y in 1996?

1)
20,000 tons
3) 2,00000 tons

2)
20,00000 tons
4)20,000,000 tons

_____

On the basis of the data projected in the graph, which company/companies has/have the maximum average production of paper?

1) X&Y 2) X&Z 3) Z&Y 4) Only y

You went to Bata Showroom to buy a pair of shoes. You were very impressed with the E-bill sent to your mail. As a responsible citizen suggests three ways in which awareness regarding saving paper can be spread.

_____

What are the ways in which a company can show excellence in performance and enhance its business?

WRITING SECTION (2nd Week)

Write an application letter to your school librarian requesting him to provide a duplicate membership card to you as you have lost the original one.

You are Mohan /Mohini of Sindhu Public School , Nagpur. Write a notice informing the students about a speech competition going to be held on 29th November in not more than 50 words . Put it in a box

Write diary entry for 10 days of lockdown period. Read the newspaper daily and include worldwide happenings which amuse you, as part of your diary.
Write a story in about 100 words on the given outline.

Outline: The sun and the wind had a quarrel _____ who is stronger?

_____ they tested their strength on a passerby _____ the wind blew

the sun grew hotter _____ took off _____ The sun was _____.

GRAMMAR (3RD Week)
1. Revise Tense & Active-Passive Voice and do regular practice.
2. Make a list of 40 new words with synonym and antonym.
3. There is an error in each line. Find the error and write the correct word to be used instead, in the space provided against each line. First one has been done as an example for you:

Incorrect
correct

Man is a bundle in likes and dislikes
a)
in
of

He is almost a slave of his whims

b)

_____

_____

and habits. He had preferences for
c)

_____

_____

certain vegetables, some classmate, some
d)

_____

_____

teachers. One's likes and dislikes is generally
e)

_____

_____

instinctive and inexplicable.

4. Complete the following sentences using an appropriate determiner.
There aren't ………………. animals in this zoo. (much / many)

I was …………….. much impressed with their performance. (very / too)

………………. of people want to buy cars. (lots / lot)

He has published ……………….. short stories. (a few / few / a little)

……………… short stories that he published were critically acclaimed. (few/ the few)
I will never forget the day when I met him for ………………… time. (the first / first)
He looked out of the window but he didn't see …………………

(anyone / no one)

……………….. wished me on my birthday. (nobody / anybody)

LITERATURE (4TH Week)

Revise the syllabus of April – May

CREATIVE CORNER (5TH Week)

Interview one of your family members

Write daily diary.

  Read 5 newspaper articles from internet

Article 1 – identify 5 nouns and frame sentences

Article 2 – identify 5 verbs and frame sentences

Article 3 – identify 5 adjectives and frame sentences

Article 4 – identify 10 new words and write its synonym
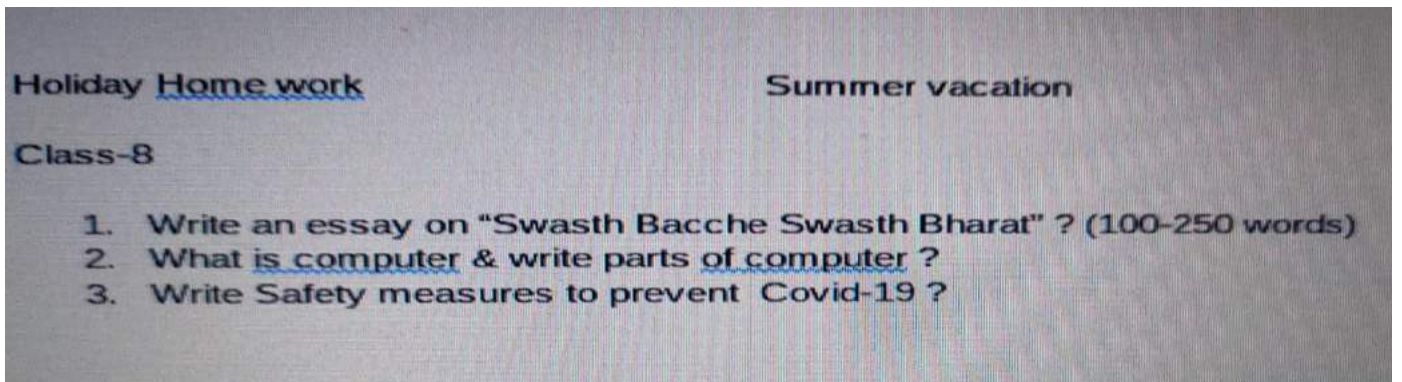
Article 5 – identify 10 words and write antonyms

----------- STAY SAFE AND ENJOY YOUR SUMMER VACATION------------

ARTS & CRAFT
कक्षा 8   ग्रीष्मकालीन चित्रकला कार्य

1 योग दिवस पर अपनी कल्पना से चित्र बनाएं

2 कोरोना वायरस से संबंधित बचाव व सावधानियों को ध्यान में रखते हुए चित्र बनाएं

3 खेलों के महत्व को समझते हुए अपने पसंदीदा खेल का चित्र बनाएं

4 दो वस्तु चित्रण (still life)

5 दो ग्रीटिंग कार्ड बनाएं

6 प्राकृतिक दृश्य [ऑयल पेस्टल] कलर से बनाएं

7 एक भारत श्रेष्ठ भारत पर एक चित्र बनाएं

Work & Experience

Holiday Home work   Summer vacation

Class-8

1. Write an essay on "Swasth Bacche Swasth Bharat" ? (100-250 words)
2. What is computer & write parts of computer ?
3. Write Safety measures to prevent Covid-19 ?

LIBRARY

1. **Write book review for at least 5 books.**
2. **What is relevance for EBSB (Ek Bharat Shrestha Bharat) in School Education.**
3. **Write State emblems and major tourist spot of Assam.**
4. **Importance of library in our society**
5. **What is the need of a library in school?**

SUBJECT- SCIENCE

PROJECT:

Q1. Pictures collection

ØTools in agriculture

To show a comparison between traditional and modern method of agriculture?

Q2. Collect data about some common diseases in human beings caused by microorganisms?

Q3. Collect data about some common diseases in Plants causedby microorganisms?

Q4.Give different steps involved in agriculture.

Q5. Diagram of Nitrogen cycle with labelling?

Q6. Power point presentation on synthetic fibres and plastic?

Q7. Collect at least 10 weeds and name them.

Q8. Give the scientific terms:

ØTransferring seedlings to the main field----------

ØA disease that can spread from a sick to a healthy person --------------

ØMedicines that stop the growth of pathogens-------

Q9. Write and learn the question answer of chapter 1 and chapter 2?

Q10. Answer the following:

1. Name the causative microorganisms of the following animal diseases

(a) foot and mouth disease

 (b) Anthrax

Q11. Name the microorganisms present in soil and in the root Nodules of leguminous plants which can fix atmospheric nitrogen.

Q12. (a)What is meant by fermentation?

    (b) Which microorganisms convert sugar into alcohol during fermentation?

Q13. Draw four different methods of irrigation and explain them.

Q14. Germinate some seeds and write a report on them.

Q15. Prepare minimum 20 MCQs from the chapter "synthetic fibres and plastic"?

Q16.What do you understand by the term field fallow?

Q17. Describe an activity to show that manure and fertilizers are essential to increase growth of plants?

Q18. How can be separate the diseased seeds from healthy ones among seeds to be used for our kitchen gardening?

Q19. Distinguish between Pesticides and Weedicides?

Q20. How do fumigants act on stored grain? How do we use ethylene dibromide?

Q21. Give an account of two important discoveries in the past those had made the study of microorganisms interesting?

Q22. What is Vaccine? Describe the importance of Vaccination.

Q23. What are the ways through which microorganisms enter our body?

Q24. How can the spoilage in food be detected?

Q25. Why one should not use the handkerchief of a person who is suffering from common cold

Q26. Write short notes on the following:

a) Plastic and health care industry

b) Plastic cookware

c) Teflon

d) Fire proof plasic

Q27. Why are plastics considered to be a threat to our environment?

Q28. What is 4R principle?

Q29. Describe an activity to show that organic waste is biodegradable while plastic is not?

Q30. Why synthetic fibres more popular than Natural fibres?

SOLVE THE PAPER: MM: 3O

Q1) Very short question answer:-

1x5=5

Q1) write the names of kharif and rabi crops?

Q2) what are the major groups of microorganisms?

Q3) name the microorganisms which can fix atmospheric nitrogen inthe soil?

Q4) what is vaccine ?

Q5) name some common non metals?

Q2) Short question answer type questions :

2x5=10

Q1) how do microorganisms spoil food?

Q2) what is meant by 4R principle?

Q3) write the difference between

a) manure and fertilizers   B) thermoplastic and thermosetting plastic

Q4) Give reason for the following:-

a) Aluminium foils are used to wrap food items.

b) Copper cannot displace zinc from its salt solution.

Q5) Write the properties and uses of nylon?

Q3) Long answer type questions:-

3x5=15

Q1)write short note on:-

a) Preparationof soil   B)Sowing   C)Weeding

Q2)what are antibiotics? What precautions must be taken whiletakingantibiotics?

Q3) Explain why the following are made of thermosetting plastics.

a) Saucepan handles

b) Electric plugs/ switches/ plug boardsQ4) what happens

when

a) Dilute sulphuric acid is poured on a copper plate?

b) Iron nails are placed in copper sulphate solution?

Write word equations of the reactions involved.

Q5) what is irrigation? Describe two methods of irrigation whichconserve water.

Q4) Long question answers:

5x2=10

Q1) describe nitrogen cycle in nature?

Q2)

a)Describe displacement reaction with example?
 b) distinguish between metals and non metals onthe

basis of

1) appearance

2) hardness

3) malleability

4) ductility

5) heat conduction

6) conduction of electricity

Maths

CLASS-8   MATHS

1) Learn cube of 1 to 12.
2) Learn squares of the numbers from 2 to 25 .
3) What properties, the following expressions

show? (i) 2/3+4/5=4/5+2/3

(ii) $1/3 \times 2/3 = 2/3 \times 1/3$

4) If a = 12, b = 34, verify the following:

(i) a × b = b × a

(ii) a + b = b + a

5) Represent on the number line 3/5,-4/5,-7/5
6) Find the reciprocal of the following rational

numbers: (a) −3/4 (b) 0   (c) 6/11   (d) 5/−9

7) Identify the linear equations from the given expressions.

(a) $x^2 + x = 2$ (b)

$3x + 5 = 11$ (c) 5

$+ 7 = 12$

8) Find five rational number between ½ and 1/3

9) Multiply 5/8 by the reciprocal of −3/8

10) Write any 5 rational numbers between −5/6 and 7/8.

11) Calculate the following:

(a) $\dfrac{-4}{5} \times \dfrac{3}{7} + \dfrac{4}{5} \times \dfrac{3}{7}$

(b) $\dfrac{1}{2} \times \dfrac{5}{6} + \dfrac{1}{3} \times \dfrac{1}{4}$

12) Represent the following rational numbers on number lines.
   (a) −2/3
   (b) 3/4
   (c) 3/2

13) Check whether the linear equation 3x + 5 = 11 is true for x = 2

14) Form a linear equation from the given statement: 'When 5 is added to twice a number, it gives 11.

15) My father's age 5 years ago plus twice my age now gives 65. My age 5 years ago plus three times my father's age now gives 130. What is my father's age?

16) If the sum of two consecutive numbers is 11, find the numbers

17) Solve for x:

$$\frac{7x+14}{3} - \frac{17-3x}{5} = 6x - \frac{4x+2}{3} - 5$$

18) Write two such rational numbers whose multiplicative inverse is same as they are.

19) What is the multiplicative identity of rational numbers?

20) Make a project on " importance of Mathematics

in real world ."Or

Make a mathematics model on quadrilateral/ solid shapes

DO QUESTIONS (Q.-11 TO 20)OF MATHEMATICAL PART OF QUESTION PAPER OFCCT-6,7,8 pisa NOTEBOOK.

Social Science

Read the following chapters thoroughly from your textbook and write the assignment givenbelow.

- Resources
- How When and Where

• Geography

1. What is a resource? How does anything become a resource?
2. Make a list of five human-made resources that you can observe around you.
3. "If we are not careful then even renewable resources can become very scarce and the non-renewable ones can definitely get exhausted." What do we do about it?
4. Explain the term sustainable development.
5. Why are resources distributed unequally over the earth?
6. What is resource conservation?
7. Are human resources important? Why?
8. Utility does not make the substance a resource. True or False?
9. Spring water is a human-made resource. True or False?
10. Non-renewable resources are_____
    (a) Those which have limited stock
    (b) Made by human beings
    (c) Derived from non-living things

History

1. Define the word 'history'. What are the events that are usually recorded in history books?
2. Who created the first map of India? Who wrote the book 'The History of British India'?
3. Write a brief note on the National Archives of India.
4. Apart from official records what are the other sources of information that is available tohistorians?
5. Present day historians think that History is beyond the rulers and dynasties. What do theylook upon then?
a.   Historians only study about the past events
b.   Historians deal with a host of other issues like how people earned their livelihood, whatthey produced, how cultures and society changed etc.
c.   Historians study about the past and present of great men.
d.   Historians only deal with how man is a social animal
6.   From the list of the record rooms set up by the British, pick out the odd man out :
a.   British offices
b.   Collectorate, Museums
c.   Village Tahsildars office
d.   Law court, Provincial Secretariat
7.   Match the following

Column A	Column B
i. James Mill	(a) Governor-General
ii. Official documents	(b) Botanical Garden

iii. Warren Hastings	(c) A History of British India
iv. Custard Apple	(d) Preserved

1. Fill in the blanks
a. Historians have usually divided Indian history into ancients,..............and ……………
b. A history of British India is a massive .... Work.
c. Mill through that all Asian societies were at a ……………. level of civilisation thanEurope.
d. The British established specialized institution like ………. and ………. to preserveimportant documents

2. State True or False:
a. James Mill divided Indian history into three periods-Hindu, Muslim, Christian.
b. Official documents help us understand what the people of the country think.
c. The British thought surveys were important for effective administration.
d. Newspapers provide accounts of the movement in different parts of the country.

3. What do officials' records not tell?

SANSKRIT

1. राम, बालक, नदी , फल के शब्द रूप लिखें ।
2. पठ धातु गम धातु के रूप लट् लकार लृट लकार लोट लकार विधिलिंग लकार में लिखें
3. पाठ 1 से प्रश्न संख्या 2, 3, 4, 5 ,6, 7 करें
4. पाठ 2 से प्रश्न संख्या 2,3,4 5,7 करें
5. संख्यावाची शब्द 51 से 100 तक गिनती संस्कृत भाषा में लिखें। पुस्तक के अंत में दिया है।

कक्षा 8 संस्कृत परियोजना कार्य
1. संस्कृत प्रतिज्ञा लिखकर याद करें ।
2. पाठ 1 से सुभाषितानि के पांच श्लोक लिखें ।
3. शब्द रूप राजन अर्थात राजा लिखें । पुस्तक के अंत में देखें।
4. नंबर 20 संधि शब्द लिखें। पुस्तक के अंत में दिए गए हैं देखे और लिखें ।
   संस्कृत परियोजना कार्य के लिए आपको 5 पेज की फाइल बनानी है उसी में यह सुंदरता सफाई का ध्यान रखते हुए करेंगे।

HINDI

1.अपने मित्र को जन्मदिन की बधाई का पत्र लिखो

2.प्राचार्य जी को 2 दिन के अवकाश हेतु एक प्रार्थना पत्र लिखें |

3.निम्नलिखित सभी विषयों पर निबंध लिखें (शब्द सीमा 250 शब्द)

क –हमारी पृथ्वी

ख – मेरा स्कूल

ग – पर्यावरण प्रदूषण कारण और उपाय

4.ध्वनि कविता के प्रश्न उत्तर कॉपी में लिखो पाठ लाख की चूड़ियां के प्रश्न उत्तर कॉपी में लिखो और याद करो

5.पक्षियों और प्रकृति पर आधारित तीन कवितायेँ लिखे |

6.पूरक पुस्तिका "भारत की खोज " के 2 अध्यायों को पूरा पढ़े और उनका सार लिखें

PROJECT :-

Q1. Write the contribution of the following scientist in the study of the cell:

ØRobert hooke

ØPurkinje

ØLeeuwenhoek

ØRobert brown

ØSchleiden and schwann

Q2. Written assignment from "FUNDAMENTAL UNIT OF LIFE" AND "MOTION":

Ø 10 very short question answers (1 mark each)

Ø 10 short question answers (2 mark each)

Ø 10 question answers (3 mark each)

Ø 10 question answer (5 mark each)

Q3. Prepare 20 MCQs from the chapter "Matter in our surrounding".

Q4. Ice, water and steam are three states of a substance and not different substances. Justify?

Q5. What are the main functions of each of the following components?

a) Plasma membrane

b) Mitochondria

c) Nucleus

d) Ribosomes

Q6. What are the different types of endoplasmic reticulum? Write the function of each.

Q7. Name

a) An organelle which has its own genetic material

b) An organelle rich in digestive enzymes.

c) Nucleic acid present in nucleus.

Q8. Which kind of plastid is more common in

a) Roots of the plant

b) Leaves of the plant

c) Flowers and fruits

Q9. Illustrate a plant cell as seen under electron microscope. How is it different from animal cell?

Q10. Draw a displacement- time graph for a body moving with uniform velocity?

Q11. Identify the kind of motion in the following cases:

a) A car moving with constant speed turning around a curve.

b) An electron orbiting around nucleus.

Q12.

a) Derive the equation of motion $V = u + at$, using graphical method.

b) A train starting from rest attains a velocity of 72km/hr in 5 minutes, assuming the acceleration is uniform, find

a) The acceleration

b) The distance travelled by the train for attaining this velocity.

Q13. Velocity time graph for the motion of an object in a straight path is a straight line parallel to the time axis.

a) Identify the nature of motion of the body.

b) Find the acceleration of the body.

c) Draw the shape of distance-time graph for this type of motion.

Q14.

a) What do you understand by mass of a body?

b) Is mass a scalar or vector? State its SI units.

Q15) Lysosomes are known as the suicide bag of the cell. Give reason?

Q16) the rate of evaporation of a liquid increases on heating. Explain.

Q17) with the help of a labelled diagram, describe in brief an activity to show sublimation of ammonium chloride?

Q18) starting from a stationary position, rehan paddles his bicycle to attain a velocity of 6m/s in 30s. then he applies brakes such that the velocity of the bicycle comes down to 4 m/s in the next 5s. calculate the acceleration of the bicycle in both the cases?

Q19) compare in tabular form the properties of solids, liquids and gases with respect to

  i)   Shape

  ii)   Volume

  iii)   Compressibility

    iv)   Diffusion

    v)   Fluidity or rigidity

Q20) why evaporation is called surface phenomenon?

Q21) name the SI unit of measuring temperature.

The boiling point of water is $100^{O}C$ under atmospheric pressure. Convert this temperature in SI units.

Q22) Observe the apparatus given in page 22 fig.2.10 and answer the following questions:

a) Name the apparatus.

b) State one use of the apparatus.

c) State the principle involved in this process.

Q23) A bus travels a distance 120km with a speed of 40km/hr and returns with a speed of 30km/h. calculate the average speed for the entire journey.

Q24)

a) What is endoplasmic reticulum?

b) Describe its structure.

c) Name the two types of endoplasmic reticulum.

d) What crucial role does it play in the liver cells of vrtebrates?

e) What is membrane biogenesis?

Q25)

    a) what is a cell? Why is a cell called the structural and functional unit of life?

    b) Why is the plasma membrane called a selectively permeable membrane?

Q26) if the mass of the body is doubled what will happen to its acceleration, if the applied force remains constant?

Q27)

   a) What temperature in kelvin scale is equal to $50^{O}c$?

   b) Describe an activity to show that rate of evaporation increases with surface area.

   c) State two differences between evaporation and boiling.

SOLVE THE PAPER   MM:30

Q1. Which organelles other than nucleus contain DNA? Marks 1

Q2. Name the process which occurs when a drop of Dettol is added to water   1 mark

Q3. Draw velocity- time graph, when an object has uniformly accelerated velocity 1mark

Q4. Differentiate between: 1 mark

a) Prokaryotic and eukaryotic cell b) plant cell and animal cell

Q5.Give reasons

a) why do we feel comfortable under a fan when we are perspiring?

b)Why do wet clothes dry quickly in the sun than in the shade?

Q6. A bus decreases its speed from 80Km/hr to 60 Km/h in 5 s. find the acceleration of the bus?

2 mark

Q7. Why are lysosomes known as the "suicide bag of the cell"?

2 mark Q8. Explain interconversion of three states of matter with the help of flow chart. Name the process of each conversion?

3 mark   Q9. Deduce the

following equation of motion: 3 mark

$$V^2 = U^2 + 2as$$

$$S = ut + \frac{1}{2}at^2$$

Q10. Draw a neat diagram of a plant cell. Label the following parts in the diagram:

1) Cell wall

2) Nucleus

3) Chloroplast

4) Mitochondria

3

mark

Q11. Distinguish in tabular form between solids, liquids and gases under the following characteristics:
5 mark

1) Intermolecular attraction

2) Density

3) Kinetic energy of particles at a given temperature

Arrange the following in the increasing order of

a) Force of attraction

b) Density

Iron nail, kerosene, oxygen gas

Q12) state reason for the following:-
5 mark

a) Cell is called as the structural and functional unit of life.

b) Plastids are able to make their own protein

c) Plant cells shrink when kept in hypertonic solution.

d) Mitochondria is known as the power house of the cell.

e) What happen when golgi apparatus is removed from the cell.
f)

KENDRIYA VIDYAL RAISINGHNAGAR
CLASS- IX
MATHEMATICS

INSTRUCTIONS:

- *Read all the questions carefully before solving. Write the solution of questions in Mathematics homework or Activity notebook.*
- *Complete the project separately on A4 sheets in neat and clear hand writing and attractive.*
- *Write your name, class and section clearly at the front cover of project file.*

Section A (Questions)

1. Let x and y be rational and irrational numbers, respectively. Is x+y necessarily an irrational number? Give an example in support of your answer.

2. Classify the following numbers as rational or irrational with justification

(i) $\sqrt{196}$

(ii) $3\sqrt{18}$

(iii) $\sqrt{\dfrac{9}{27}}$

(iv) $\dfrac{\sqrt{28}}{\sqrt{343}}$

(v) $-\sqrt{0.4}$

(vi) $\dfrac{\sqrt{12}}{\sqrt{75}}$

(vii) 0.5918

(viii) $(1+\sqrt{5}) - (4 + \sqrt{5})$

(ix) $10.124124...$

(x) $1.010010001...$

3. Divide $x^3 - 3x^2 + 5x - 3$ by x-2 and find the quotient and remainder.

4. Find three rational numbers between
(i) -1 and -2
(ii) 0.1 and 0.11
(iii) 5/7 and 6/7
(iv) 1/4 and 1/5

5. Locate $\sqrt{5}$, $\sqrt{9.2}$ and $\sqrt{7}$ on the number line.

6. Express the following in the form p/q, where p and q are integers and q≠0
(i) 0.2
(ii) 0.888…
(iii) 5.2
(iv) 0.001
(v) 0.2555…

7. Determine the degree of each of the following polynomials.
(i) 2x – 1
(ii) -10
(iii) $x^3 - 9x + 3x^5$
(iv) $y^3(1 - y^4)$

8. Find p(0), p(1) and p(-2) for the following polynomials
(i) p(x) = 10x – 4x² – 3
(ii) p(y) = (y + 2)(y – 2)

9. Which of the following expressions are polynomials? Justify your answer:

(i) 8

(ii) $\sqrt{3}x^2 - 2x$

(iii) $1 - \sqrt{5x}$

(iv) $\dfrac{1}{5x^{-2}} + 5x + 7$

(v) $\dfrac{(x-2)(x-4)}{x}$

(vi) $\dfrac{1}{x+1}$

(vii) $\dfrac{1}{7}a^3 - \dfrac{2}{\sqrt{3}}a^2 + 4a - 7$

(viii) $\dfrac{1}{2x}$

10. Find the zeroes of the polynomial in each of the following,

(i) $p(x) = x - 4$

(ii) $g(x) = 3 - 6x$

(iii) $q(x) = 2x - 7$

11. If $a = \dfrac{3+\sqrt{5}}{2}$, then find the value of $a^2 + \dfrac{1}{a^2}$.

12. By remainder theorem, find the remainder when p(x) is divided by g(x)

(i) $p(x) = x^3 - 2x^2 - 4x - 1,$ $g(x) = x + 1$

(ii) $p(x) = x^3 - 3x^2 + 4x + 50,$ $g(x) = x - 3$

13. Simplify

(i) $(1^3 + 2^3 + 3^3)^{\frac{1}{2}}$

(ii) $\left(\dfrac{3}{5}\right)^4 \left(\dfrac{8}{5}\right)^{-12} \left(\dfrac{32}{5}\right)^6$

(iii) $\left(\dfrac{1}{27}\right)^{\frac{-2}{3}}$

(iv) $\left[\left((625)^{-\frac{1}{2}}\right)^{-\frac{1}{4}}\right]^2$

(v) $\dfrac{9^{\frac{1}{3}} \times 27^{-\frac{1}{2}}}{3^6 \times 3^{-\frac{2}{3}}}$

(vi) $64^{-\frac{1}{3}}\left[64^{\frac{1}{3}} - 64^{\frac{2}{3}}\right]$

(vii) $\dfrac{8^{\frac{1}{3}} \times 16^{\frac{1}{3}}}{32^{-\frac{1}{3}}}$

14. Factorise the following:
(i) $9x^2 + 4y^2 + 16z^2 + 12xy - 16yz - 24xz$
(ii) $25x^2 + 16y^2 + 4Z^2 - 40xy + 16yz - 20xz$

15.
Make a project on the title **"π - WORLD'S MOST MYSTERIOUS NUMBER"**
  OR
MAKE A MATHEMATICS MODEL

16.
Perform following activities and write in activity notebook:

- **Activity 1: <u>OBJECTIVE</u> :** To construct a square-root spiral."

  - **Activity 2: <u>OBJECTIVE</u> :** To verify the algebraic identity : $(a+b)^2 = a^2 + 2ab + b^2$

NOTE- DO MATHS PART OF CCT-6,7,8 (Q NO.11-20) IN YOUR PISA NOTE BOOK

CCT BASED QUESTION

Semi Prime Numbers

A natural number that can be expressed as a product of two prime numbers is called **semi-prime** number.

For example, 77 is semi-prime since it is a product of two prime numbers, 7 and 11.

[Remember that 1 is not prime.]

Question 1. Find the smallest semi-prime number.

Question 2. Two consecutive numbers from 10 to 25 which are semi-prime _____ .

a) 20 and 21
b) 14 and 15
c) 15 and 16
d) 22 and 23

Question 3. Two numbers are said to be co-prime if their HCF is 1. Match the Pair of numbers given in column X with their corresponding properties in Column Y by drawing lines.

Column X   Column Y

A.   (77, 33)   1. co primes as well as semi primes
B.   (75, 88)   2. Neither semiprime nor coprime
C.   (69 ,77)   3. semiprime but not coprime
D.   (56, 63)   4. coprime but not semiprime

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

Class:IX- Social Science

(a) Revision for PT-1

History chapter-1- FRENCH REVOLUTION

Geography chapter-1, -INDIA SIZE AND LOCATION

Economics chapter-1- THE STORY OF VILLAGE PALAMPUR

(b) Home Work-

MCQ - 15 from each chapter.

(c) Subject Enrichment Activity – Two Project

(i) "Azadi ka Amrut Mahotsav" - Compulsory

Prepare a collage in A4 Size Paper/Wall Magazine/ PPT/ Scrapbook of various

events of India's freedom struggle such as -

Hint: - (1) Revolt of 1857
(2) Non Co-operation Movement
(3) Civil Disobedience Movement
(4) Dandi March
(5) Leaders of Freedom Struggle
(6) Women Leaders of freedom struggle
(7) Any other event of the Freedom struggle

(ii) Disaster Management - Compulsory

(i) What is the impact of COVID-19 PANDEMIC on Indian Economy?

(Any three impact)?

Three or Four Pages with pictures and support materials such

as graph, map, datas etc.

Hints- Impact on Education, Entertainment, Health services, Tourism, Agriculture,

Trade and Commerce, Daily workers, Transport and Communication.)

Criteria: Content =10

Support Material = 5

Overall Presentation=5

Total 20

****

CLASS - 9
HINDI

अपने मित्र को जन्मदिन की बधाई का पत्र लिखो

प्राचार्य जी को 2 दिन के अवकाश हेतु एक प्रार्थना पत्र लिखें |

• निम्नलिखित सभी विषयों पर निबंध लिखें (शब्द सीमा 250 शब्द)

क –हमारी पृथ्वी

ख – मेरा स्कूल

ग – पर्यावरण प्रदूषण कारण और उपाय

• साखियां एवं सबद कविता के प्रश्न उत्तर कॉपी में लिखो पाठ दो बैलों की कथा के प्रश्न उत्तर कॉपी में लिखो और याद करो

• पक्षियों और प्रकृति पर आधारित तीन कवितायेँ लिखे |

• कबीर के दोहे याद करके अपनी कॉपी में लिखो।

ART & CRAFT

1 योग दिवस पर अपनी कल्पना से चित्र बनाएं

2 कोरोना वायरस से संबंधित बचाव व सावधानियों को ध्यान में रखते हुए चित्र बनाएं

3 खेलों के महत्व को समझते हुए अपने पसंदीदा खेल का चित्र बनाएं

4 दो वस्तु चित्रण(still life)

5 दो ग्रीटिंग कार्ड बनाएं

6 प्राकृतिक दृश्य [ऑयल पेस्टल] कलर से बनाएं

LIBRARY
- Write boo review for Atleast 5 books
- Make a minimum of 5 bookmarks
- Search and write all forms of courses available in Library science.
- Role of Library and librarians in School.

Class- 10
Home work

Hindi

निम्नलिखित सभी विषयों पर निबंध लिखें (शब्द सीमा 250 शब्द)

क –हमारी पृथ्वी

ख – मेरा स्कूल

ग – पर्यावरण प्रदूषण कारण और उपाय यह प्रशन परियोजना कार्य हेतु है अतः इसे अपनी फाइल में तैयार करें।

•सूरदास के पद प्रश्न उत्तर कॉपी में लिखो पाठ नेताजी का चश्मा एवं बाल गोविंद भगत के प्रश्न उत्तर कॉपी में लिखो और याद करो

•पक्षियों और प्रकृति पर आधारित तीन कवितायेँ लिखे |

•सूरदास के दो पद याद करके अपनी कॉपी में लिखो।

.. वाक्य भेद की अभ्यास प्रश्नावली जो आपके गूगल क्लासरूम पर दी गई है उसे कंप्लीट कॉपी में लिखकर याद करें।...

अपनी दिनचर्या का सारांश सप्ताहिक रूप से तैयार करके एक फाइल बनाएं।

चित्रकला कार्य

1 योग दिवस पर अपनी कल्पना से चित्र बनाएं

2 कोरोना वायरस से संबंधित बचाव व सावधानियों को ध्यान में रखते हुए चित्र बनाएं

3 खेलों के महत्व को समझते हुए अपने पसंदीदा खेल का चित्र बनाएं

4 दो वस्तु चित्रण(still life)

5 दो ग्रीटिंग कार्ड बनाएं

6 प्राकृतिक दृश्य [ऑयल पेस्टल] कलर से बनाएं

7 एक भारत श्रेष्ठ भारत पर एक चित्र बनाएं

सभी कार्यों को समय पर पूर्ण करते हुए पीडीएफ बनाकर गूगल क्लासरूम या मेरे पर्सनल नंबर पर भेजें

Work & Experience

1. What do mean by electric potential & define Electric potential difference?
2. Write an essay on "Swasth Bacche Swasth Bharat" ? (100-250 words)
3. Write Safety measures to prevent Covid-19 ?
                    Or
4. Make wireless power Transfer system.

Library

1. Make a Project over Important Places in Assam Under EBSB programme.
2. Write 5 book review for any book.
3. Recently Bihar govt. tried to demolish a public library and build a road over that place. Do you agree with bihar govt or not.Give reason for your answer.
4. Why librarians is still an underrated profession in India.
5. Why CBSE not giving a thought over adding Library science as a optional Subject in School.

KV (BSF) RSNR

Holidays homework   **class-10**   **MATHEMATICS**

INSTRUCTIONS: • Read all the questions carefully before solving.

Write the solution of questions in Mathematics homework or Activity notebook.

• Complete the project separately on A4 sheets in neat and clear hand writing and attractive.

• Write your name, class and section clearly at the front cover of project file.

Section A

(Questions) 1. Check whether 75/455 is terminating or non-terminating decimal expansion.

2. 654.737373... is a rational number. [TRUE/FALSE]

3. A polynomial of degree 2 is called ------------------polynomial. (Cubic/ quadratic/ linear)

4. $\sqrt{25}$ is a ----------------number. (rational/irrational)

5. Find the quadratic polynomial whose sum and products of the zeros are 5 and -6.

6. Find the H.C.F. of 567 and 255 using Euclid's division lemma.

7. Find the LCM and HCF of 510 and 92 and check whether LCM x HCF = product of the given numbers .

8. Find the zeros of : (i) $6x^2 -7x -3$ (ii) $4x^2 -4x +1$

9. Divide $x^3-3x^2 +5x -3$ by $x^2 -2$ and find the quotient and remainder.

10. Prove that $\sqrt{3}$ is an irrational number.

11. Prove that $2 + 5\sqrt{3}$ is an irrational number.

12. Find the zeroes of the following polynomials by factorisation method and verify the relations between the zeroes and the coefficients of the polynomials: i. $4x^2 – 3x – 1$

ii. $3x^2 + 4x - 4$ iii. $5t^2 + 12t + 7$ 13. For each of the following, find a quadratic polynomial whose sum and product respectively of the zeroes are as given. Also find the zeroes of these polynomials by factorisation.

14. Given that √2 is a zero of the cubic polynomial $6x^3 + √2x^2 - 10x - 4√2$, find its other two zeroes.

15. Given that x – √5 is a factor of the cubic polynomial $x^3 - 3√5x^2 + 13x - 3√5$, find all the zeroes of the polynomial.

16. Prepare 10 -10 MCQ TYPE QUESTIONS from CHAPTER1 and 2. Also write the solution.

Section B (project work/activities)

17. Make a project on the title " π - WORLD'S MOST   MYSTERIOUS NUMBER" OR FILE ON RAMUJAN/AARYABHATT/COLLECTION OF INDIAN MATHEMATICIAN or any other mathematical model based on class 10 syllabus.

18. Perform following activities and write in activity in notebook:

Activity 1: OBJECTIVE : To find the HCF of two numbers experimentally (paper cutting pasting method) based on Euclid Division Lemma.

 NOTE- DO CCT QUESTION NO. 11 TO 20 FROM CCT-6,7,8 QUESTION PAPER.

Read the following chapters thoroughly from your text book and write the assignment given below.

- The rise of nationalism in Europe
- Resources and Development

History
1. "No doubt, Napoleon had destroyed democracy in France, but in the administrative field he had incorporated revolutionary principles in order to make the whole system more rational and efficient." Support the statement.
2. How did nationalism develop through culture in Europe? Explain.
3. "The decades of 1830 has brought great economic hardship in Europe". Support the statement with arguments.
4. Explain any three causes of conflict in the 'Balkan area' after 1871.
5. Describe the process of unification of Germany.
6. Explain the process of unification of Italy.
7. "Nationalism in Britain was different from the rest of Europe". Support the statement.
8. Read the source given below and answer the questions that follows:

The 18th century, Germany was divided into a number of states. Prussia was most powerful, dominated by big landlords known as Junkers. Nationalist feelings were widespread among middle class Germans who had tried to unite the different regions of the German federation into a nation-state governed by an elected Parliament. In May 1848, a large number of political associations came together to vote for an all-German National Assembly. Their representatives met at Frankfurt and the Frankfurt Assembly proposed the unification of Germany as a constitutional monarchy under the King of Prussia as emperor. The King of Prussia rejected the offer and the liberal initiative of nation building was repressed by the combined forces of the monarchy, the military and the 'Junkers'. Then on, Prussia under its Chief Minister Otto von In Bismarck led the movement for unification of Germany. Bismarck carried out this process with the help of the Prussian army and the bureaucracy. He fought three wars over seven years with Denmark, Austria and France. Prussia was victorious in all these wars and the process of unification was completed as a result of Prussia's victory over France. Consequently, on 18th January 1871, an assembly comprising of princes of German States, representatives of the army, important Prussian ministers and Bismarck gathered in the Palace of Versailles and proclaimed the Prussian King, Kaiser William, the new German Emperor.

(Answer the following MCQs by choosing the most appropriate option

I. The goal of the Frankfurt Assembly in 1848 was to
   a. Trying to unify the various regions of the German federation as a nation-state under an elected parliament
   b. Draft the war plans to conquer France
   c. Establish the capital of Prussia
   d. Establish and alliance with Italy
II. This nation took the lead in the unification of Germany
   a. Austria
   b. Bavaria
   c. Prussia
   d. Holstein
III. Who was proclaimed German Emperor after its unification?
   a. Prussian King William I

      b. The Russian King William I

      c. The chief minister, otto van Bismarck

      d. Lenin

IV. Who was responsible for the unification of Germany?

      a. Bismarck

      b. Garibaldi

      c. Cavour

      d. Mazzini

- **Geography**

1. What do you understand by a 'Resource'? "Resources are a function of human activities." Justify this statement.
2. Distinguish between the following:

i.Stock and Reserves.

ii.Renewable and Non-Renewable resources.

iii.Bangar and Khadar

iv.Red and laterite soils

3. "India has enormous diversity in the availability of resources." Name four varied regions to justify this statement.

4. "Indiscriminate use of natural resources has led to numerous problems." Justify the statement.

5. What do you understand by conservation of resources? Why is it necessary to conserve our resources? Give three reasons.

6. Write five human activities which have caused land degradation. Write some measures/ways

(c) Subject Enrichment Activity – Two Project

(i) "Azadi ka Amrut Mahotsav" - Compulsory

1. Prepare a collage in A4 Size Paper/Wall Magazine/ PPT/ Scrapbook of various

events of India's freedom struggle such as -

Hint: - (1) Revolt of 1857

      (2) Non Co-operation Movement

      (3) Civil Disobedience Movement

      (4) Dandi March

      (5) Leaders of Freedom Struggle

      (6) Women Leaders of freedom struggle

      (7) Any other event of the Freedom struggle

(ii) Disaster Management - Compulsory

(i) What is the impact of COVID-19 PANDEMIC on Indian Economy?
(Any three impact)?

Three or Four Pages with pictures and support materials such as graph, map, datas etc.

Hints- Impact on Education, Entertainment, Health services, Tourism, Agriculture, Trade and Commerce, Daily workers, Transport and Communication.)

Criteria: Content =10

Support Material = 5

Overall Presentation=5

Total 20

****

Q 1. Name the following:

a) the process in plants that link light energy with chemical energy.

b) The cell organelle where photosynthesis occurs

c) Cell that surround a stomatal pore

d) An enzyme secreted from gastric glands in stomach that act on proteins.

Q 2. Name the correct substrates for the following enzymes:

a)   Trypsin

b) Amylase

c) Pepsin

d) Lipase

Q 3. Explain the three pathways of breakdown in living organisms

Q 4. Describe the process of urine formation in kidneys?
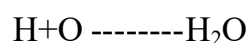
Q 5. Expand the following:

a) ATP

b) ADP

c) NADP

d) RUBP

Q6. Answer the following question:

   a) Write the formula of limestone?

   b) Name the element present in it?

   c) Which gas do we get when limestone is heated strongly?

Q7. What is wrong in the following equation?

$H+O \text{--------} H_2O$

Correct and balance it.

Q8. List the following as exothermic or endothermic reaction:

   a) Temperature of water increases on adding sulphuric acid to it.

   b) Heat is absorbed when water evaporates.

   c) Temperature drops when ammonium chloride dissolves in water.

Q9. Name the type of chemical reaction when

   a) Water is subjected to electrolysis.

   b) Calcium carbonate is heated

   c) Silver bromide is exposed to sunlight

Q10. Why does aluminium not undergoes corrosion but iron does?

Q11. Name the substance oxidized, reduced, oxidizing agent, reducing agent in the following:

$Pb_{(s)} + 4H_2O_{(aq)} \text{------} PbSO_{4(s)} + 4H_2O_{(l)}$

Q13. What is combination reaction?

Q14. What is decomposition reaction?

Q15) Draw a sectional view of the human heart and label on it the following parts:

i) Aorta

ii) Pulmonary arteries

iii) Vena cava from upper body

iv) Left ventricle

b) why is double circulation of blood necessary in human beings?

Q16)

i) Leaves of a healthy potted plant were coated with Vaseline to block the stomata. Will this plant remain healthy for long? State three reasons for your answer.

ii) state any two differences between autotrophic and heterotrophic nutrition.

Q17) what is displacement reaction

Q18) what is double displacement reaction

Q19) Written assignment from "chemical reaction and equations", "life processes"

    a) 10 very short question answers (1 mark each)

    b) 5 short question answers (2 mark each)

    c) 5 question answers (3 mark each)

d) 2 question answer (5 mark each)

Q26. Prepare minimum 20 MCQs from the chapter "life process"

 Q27. Read the passage and answer the following question:

Clean a magnesium ribbon about 2 cm long by rubbing it with a sand paper. Hold it with a pair of tongs. Burn it using a spirit lamp or

burner and collect the ash so formed in a watch glass. Burn the magnesium ribbon keeping it as far as possible from our eye. What do you observe?

Q1. What is the symbol of magnesium?

Q2. Why the magnesium ribbon is rubbed with a sand paper?

Q3. Name the ash formed as a result of burning of magnesium ribbon?

Q4. Name the elements present in the ash formed?

Q5. What is your observation?

PROJECTS:

Q28. Write articles with pictures on

a) Pollution of the ganga and ganga action plain

b) Chipko andolan

c) Narmada bachao andolan

Why is it necessary to manage our natural resources? Suggest your view points?

Q29. My favorite scientist? Why he is your favorite? Explain his invention?

Q30. To make a mind map on types of reaction?

Q31. Draw the diagram of human digestive system, human respiratory system?

Q32. Submission of PPt on LIGHT?

Q33. Collect/download periodic table (on A4 sheet) and learn names and symbols of common elements as many as you can (minimum 50 elements)?

SOLVE THE PAPER:
M.M=40

Q1. Write the characteristics of a chemical reaction?(1)

Q2. What is redox reaction?
(1)

Q3. Name the excretory organ in humans?
(1)

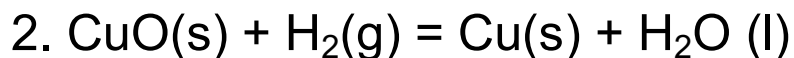Q4. Why should a magnesium ribbon be cleaned before burning in air?
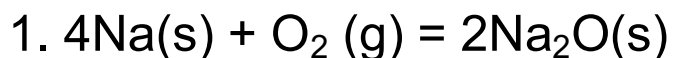(2)

Q5. **Difference between:** (2)

a) Exothermic and endothermic reaction
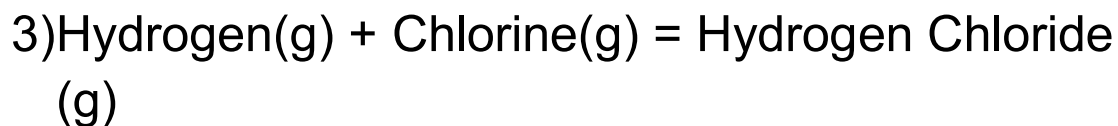
b) Autotrophic and heterotrophic nutrition
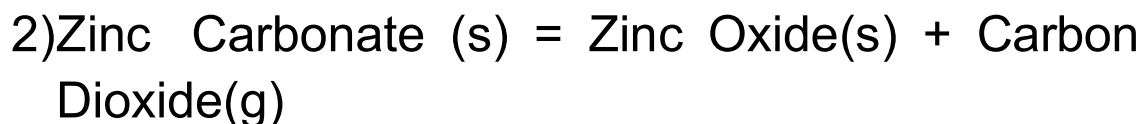
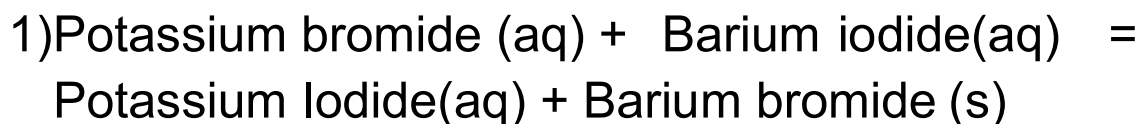Q6. Identify the substance that are oxidized and reduced in the following reactions with reducing

and   oxidizing   agent:
(2)

1. $4Na(s) + O_2(g) = 2Na_2O(s)$

2. $CuO(s) + H_2(g) = Cu(s) + H_2O(l)$

Q7. How many 176 Ω resistors (in parallel) are required to carry 5A on a 220 V line?
(2)

Q9. Identify the type of reaction in each case and give   one   more   example   of   each:
    (3)

1)Potassium bromide (aq) + Barium iodide(aq)   = Potassium Iodide(aq) + Barium bromide (s)

2)Zinc Carbonate (s) = Zinc Oxide(s) + Carbon Dioxide(g)

3)Hydrogen(g) + Chlorine(g) = Hydrogen Chloride (g)

Q10. Explain the process of breakdown of glucose in a cell

a) In the presence of oxygen

b)In   the   absence   of   oxygen
    (3)

Q12.draw diagram of human heart (3)

Q13. Which part of the digestive canal is involved in:

(05)

a) Absorption of food

b) Chewing of food

c) Killing of bacteria

d) Complete digestion of food

e) Formation of faeces

Draw the human digestive system and label these parts?

Q14. Write balanced chemical equation for the following with their physical states: (05)

1.   Calcium hydroxide + Carbon dioxide= Calcium Carbonate + Water

2.   Aluminium + Copper chloride= Aluminium chloride + Copper

3.   Magnesium + Oxygen = Magnesium Oxide

4.   Methane + Oxygen = carbon dioxide + water

5.   Glucose + oxygen= carbon dioxide + water + energy

Q15. Draw the structure of excretory unit of a human kidney and label the following   (5)

1) Bowman's capsule

2) Glomerulus

3) Collecting duct

4) Renal artery

CLASS – 4 HOMEWORK

म्यूजिक का गृह कार्य

1- केवीएस विद्यालय प्रार्थना, राष्ट्रगान ,केवीएस प्रतिज्ञा (हिंदी) और केवीएस प्लेज (इंग्लिश) इन्हें म्यूजिक की कॉपी में लिखना है व याद करना है ।याद करके अपनी वीडियो रिकॉर्डिंग करके मुझे सेंड करनी है ।

2 - अपनी पसंद का कोई भी एक गाना याद करना है ।याद करके अपनी वीडियो रिकॉर्डिंग बनाकर मुझे सेंड करनी है ।

3 - अपनी पसंद के किसी भी एक गाने पर डांस तैयार करके अपनी वीडियो रिकॉर्डिंग करके मुझे सेंड करनी है।

कक्षा 4 हिंदी गृहकार्य

गृहकार्य के लिए अलग कॉपी बनानी है।

1. प्रतिदिन एक पृष्ठ सुलेख लिखनी है।
2. गर्मी के मौसम के बारे में 10 वाक्य लिखो।
3. 20 विलोम शब्द लिखो।
4. पाठ 1,2,3 की पुनरावृति करो।
5. प्रतिदिन समाचार पत्र से 2 मुख्य समाचार काट कर कॉपी में चिपकाओ।

ENVIRONMETAL STUDIES holiday homework

1. Make picture of bullock cart, Jugad, Camel cart and write about it.

2. Make a Picture of Elephant and write about it.

3. paste a map of India in notebook and locate the following-

• Rajasthan

• Gujarat

• Kerala

• Goa

• Uttar Pradesh

• Assam

4. Write about vallam .

5. Write the names of trees and animals found in desert areas also paste their picture.

MATHS

1. Write and learn table 2 to 20

2. Make a blance (taraju) to measure weight.
3. draw any 5 pattern
4. Draw tha smallest face of the brick.

5. write numbers name 101 to 150.

6. Do page no 16 of math book in your notebook 📖
7. Do page no 17 of your math book in your note book 📚

ENGLISH

Holidays' Homework

Class 4 English

1.buliding vocabulary: -Write and learn 10 names of the followings

   (i)Vegetables (ii)Fruits (iii)colours (iv)Animals (v) birds (vi)Spices (vii)vehicles

   (viii) stationary (ix) clothes

2.Handwritting: -15-page handwriting in cursive hand

3.Reading: -one story daily reading

4.Speaking: -Talk 10 min. in English with your family member

5.Listening: -Listen English News daily and also listen audio stories in English

6.Project: -

(i)What is your favourite fruit. Describe it in five sentences.

(ii)Write any one story of Nasruddin Hodja other than your book.

(iii)Make a block painting using onions and bottle cap. This is an activity on page no.64 in your book.

(iv) From newspapers or old magazines collect stories / reports of courageous any 3children.

Work & Experience

1. Write five sentences on your family ?
2. Write five sentences on your favorite sport ?

Library

1. Write 10 page Sulekh in hindi.
2. What steps you will take to save you family from CORONA