

Dear Children.

- You Matter us most and we All Miss You!!!
- Stay Safe
- Be Kind to your Family
- Get Creative

"This too shall pass. And we will pick up right where we left Off!"

Summer Vacations are at our doorsteps. Holidays are a well-deserved opportunity to relax and rewind by indulging in activities that are pleasurable at the same time educative. We would like to thank all of you for making online classes and virtual Assessment a success. You are going to enjoy your holidays. It's a sincere request to all to complete holiday projects and home assignments on time. Engage yourself whole heartedly as you will learn a lot through it. Practice your hobbies or Inculcate new hobbies. Do a lot of Reading-can be newspapers, magazines, books or novels. Watch English news daily in order to equip yourself with the information and facts to be used as content in the writing skills.

Summer Holidays Homework is an Initiative on our part, to inculcate Innovativeness, creativity and interest in the tasks assigned to our students. It will not only enable them to recapitulate what was taught but will also help them to connect themselves to the various learning processes. Parents, please ensure that your child complete the assignment neatly.

In this pandemic time you need to prevent yourself from COVID-19 infections by following these simple measures:

1. Practice hand hygiene frequently.
2. Maintain respiratory hygiene and wellness.
3. Maintain at least a 1 meter distance between yourself and others.
4. Wear a three layer mask every time; you are going out without fell.
5. Boost your immunity through nutritious food, yoga and exercises.
6. Read and Revise the Course covered in the virtual classes.
7. Understand the concepts and practice questions.

8. Complete your pending assignments.(if any).

9. Take good care of your health and hygiene.

10. Avoid heavy and oily food and increase intake of fresh fruits and water to keep you well hydrated and energetic.

General Instructions

- All the work should be hand-written.
- Original drawings / illustrations and creative use of material will be appreciated.
- Present your work in any single copy with your name and class clearly written at the top.
- The work will be evaluated for all the subjects on the following parameters.

1. Idea and content

2. Presentation

3. Ability to answer the questions

4. Innovativeness

5. Creativity

Hindi

प्र.1 ` प्रियतम ` कविता के आधार पर बताइए कि नारद जी और भगवान विष्णु के बीच किस विषय पर संवाद चल रहा था ?

प्र.2 ` प्रियतम ` कविता के कवि श्री सूर्यकांत त्रिपाठी ` निराला ` का परिचय लिखिए ।

प्र.3 ` अस्थिदान ` जो कि एक पौराणिक कथा है,इससे हमें क्या शिक्षा मिलती है?

प्र.4 ऋषि दधीचि के आश्रम का वातावरण कैसा था ?

प्र.5 निम्न पंक्ति का भाव स्पष्ट कीजिए ।
` मुसीबत के समय हमें धैर्य नहीं खोना चाहिए ` ।

प्र.7 रिक्त स्थान भरिए :-

(i) हिंदी भाषा की लिपि _____ है ।

(ii) अंग्रेजी भाषा की लिपि _____ है ।

प्र.8 निम्नलिखित तत्सम शब्दों के तद्भव रूप लिखिए

तत्सम

तद्भव

(i) कार्य

(ii) सत्य

(iii) कर्ण _____

(iv) सूर्य _____

प्र.9 आप जिस भी ईश्वर की आराधना करते हैं उनके बारे में पाँच पंक्तियाँ लिखिए।

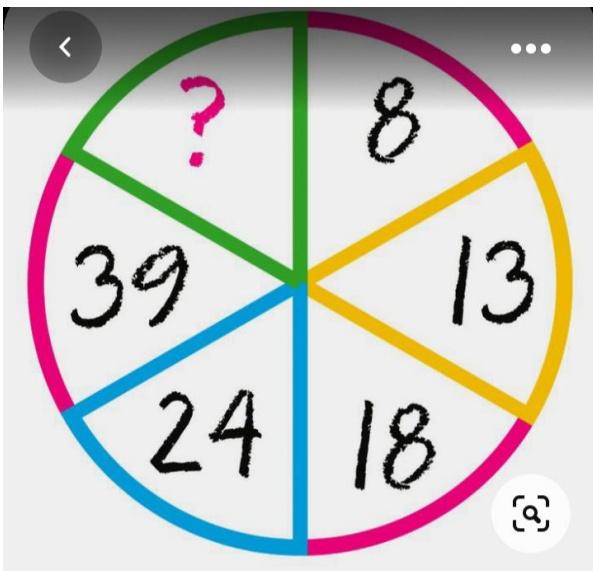
प्र.10 कोरोना वायरस जो कि एक महामारी है, इसकी दूसरी लहर विकराल रूप ले चुकी है, कैसे ? पाँच पंक्तियों में लिखिए।

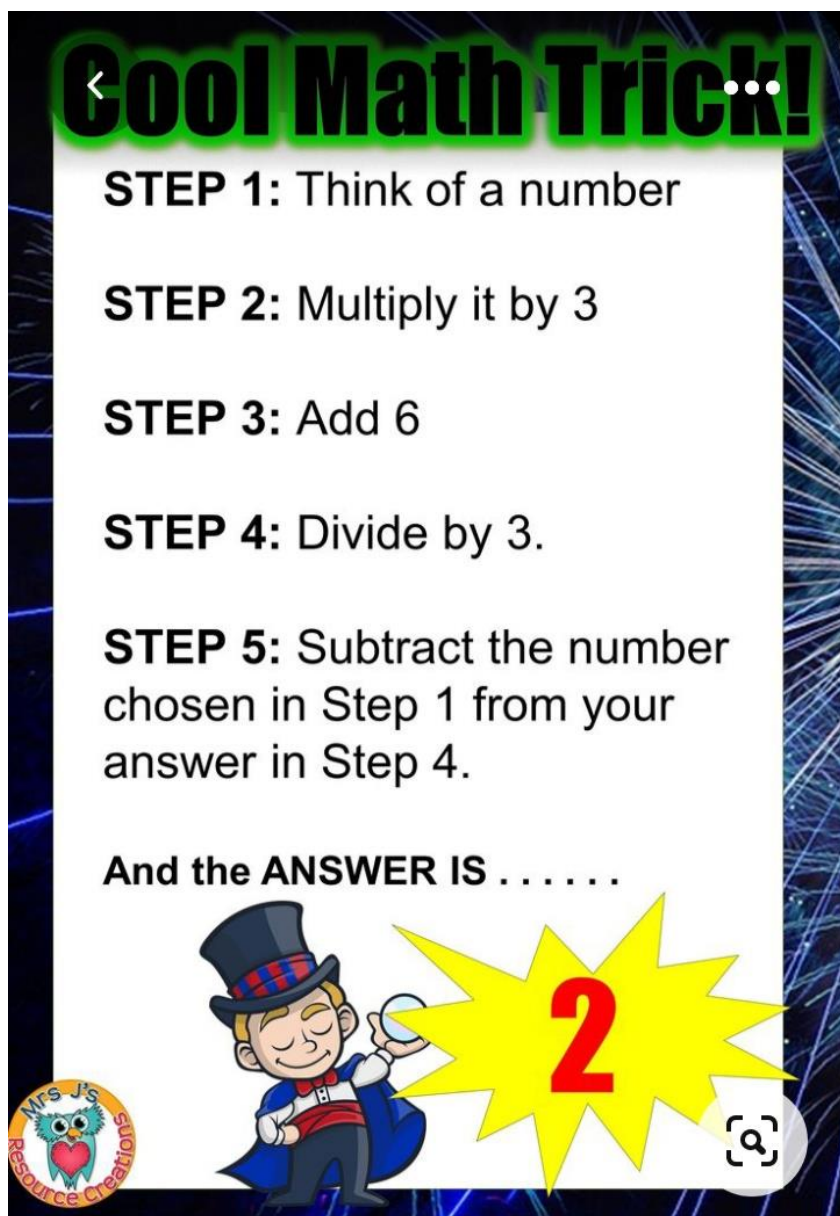
English

- Q.1 You are Ramesh Kumar, Society Secretary of your residential area, Kota. Write a notice informing the society people/neighbours about the activities allowed during curfew in Kota by the Rajasthan Government.
- Q.2 (Reading and Writing) Read the news paper daily, collect and paste any five activities/news and write your views on any two articles in 100 words each.
- Q.3 (Write paragraph) telling us how fruitfully you utilize the time with your family during lockdown phase.
- Q.4 Make a list of ten words from lesson-1 of your literature book. Write Synonyms and Antonyms for these words and use the words in sentences illustrating their meaning.
- Q.5 Make a chart of 'kinds of sentences' with appropriate examples and decorate it using your own creativity.
- Q.6 Imagine somebody is taking your interview. Prepare an interview to be published in a newspaper or magazine. You can take help of the following points and mention them in it.
1. Your complete name.
 2. Your Father's and Mother's name.
 3. Your hobby.
 4. Your favourite sport.
 5. The best moment of your life.
 6. The worst moment of your life.
 7. Your role model.
 8. Your favourite book.
 9. Your favourite hero.
 10. Your aim in life.

Maths

- 1 Find the Pythagorean triplet whose one member is 10.
2. Find the square root of 125 using "Repeated Subtraction".
3. Find the least number that should be subtracted from 883606 to get a perfect square.
Also, find the square root of the number obtained.
4. Find the square root of 46656 by Prime Factorisation method.
- 5 . Expand -:
 - a) $(a+b)^2$
 - b) $(a-b)^2$
 - c) $a^2 - b^2$
6. The expression $4xy + 7$ is in
 - (a) one variable
 - (b) two variables
 - (c) none of these.
7. The value of $x^2 - 2x + 1$ when $x = 1$ is
 - (a) 1
 - (b) 2
 - (c) -2
 - (d) 0.
8. Which of the following is a monomial ?
 - (a) $4x^2$
 - (b) $a + 6$
 - (c) $a + 6 + c$
 - (d) $a + b + c + d$
- 9.(a) Subtract: $(4x + 5)$ from $(-3x + 7)$
(b) Find the area of the rectangle whose length and breadths are $3xy$ m and $5xy$ m respectively.
10. Which number can replaced the question mark?





Cool Math Trick!

STEP 1: Think of a number

STEP 2: Multiply it by 3

STEP 3: Add 6

STEP 4: Divide by 3.

STEP 5: Subtract the number chosen in Step 1 from your answer in Step 4.

And the **ANSWER IS**

2

Mrs J's Resource Creations

[Q]

Science

Chapter: 1, (Crop production and Management) and Chapter: 3, (Synthetic Fibers and Plastics).

- Q1) In India there are two main seasons for cultivating crops explain these two crops with examples?
- Q2) Differentiate between manure and fertilizers?
- Q3) What do you understand by the term irrigation? what are the modern methods of irrigation Used by farmers?
- Q4) Explain nitrogen cycle with diagram?
- Q5) Perform an activity To separate healthy seeds from damaged seeds. What observation will you observe by performing this activity?
- Q6) What are synthetic fibers made of? Also explain polymerization?
- Q7) Explain four major types of synthetic fibres? Also Explain the properties Of synthetic fibers?
- Q8) Differentiate between thermoplastic and thermosetting plastics?
- Q9) Discuss the problems associated with the excessive use of plastics?
- Q10) Show an activity to study the water absorbing capacity of different fabrics? Perform and Write the conclusion In your notebook after performing this activity at your home?

SST

Ques.1 Multiple Choice Questions:-

- A. The resources which are self renewable are:-
- fund resources
 - flow resources
 - natural resources
 - human resources
- B. The loose and unconsolidated topmost layer of the Earth called-
- Minerals
 - Soil
 - Rocks
 - Metal
- C. Give an example of biotic resources-
- Rocks
 - Minerals
 - Soils
 - Animals
- D. Resources used carefully and giving them time to get renewed is called-
- resource depletion
 - resource conservation
 - resource pollution
 - none of these
- E. Planting of trees on a degraded land is-
- Afforestation
 - Mulching
 - Deforestation
 - Intercropping

Ques.2 Fill in the blanks-

- Royal Bengal..... is one of the endangered species of animal in India.
- Solar energy is resource.
- Anything that can be used to satisfy human need is a.....
- Value means.....
-refers to the great variety in plant and animal species.

Ques .3 Give one word answer:-

- Name the planet having 71 % water also known as blue planet.
- Resources which are gifted by nature.
- Give any two examples of biotic resources.

Ques.4 State whether the given statements are true or false:-

- Human resource refers to the numbers and abilities of the people.
- Resources are equally distributed all over the earth.
- Biotic resources are derived from living things.

Ques.5 Distinguish between renewable and non- renewable resources.

Ques.6 Name the factors responsible for the formation of soil.

Ques.7 Distinguish between afforestation and deforestation.

Ques.8 What can we do to conserve resources?

Ques.9 Write any 10 Biosphere Reserves of India.

Ques.10 Prepare a flow chart of classification of resources with suitable examples.

Sanskrit

प्रथम :पाठ: 'सुभाषितानि' में से कोई दो श्लोक के अर्थ लिखें व याद करें

प्रश्न 2 .प्रथम: पाठ: 'सुभाषितानि' में से षष्ठी विभक्ति के एक वचन के पाँच शब्द छाँट कर लिखिए

प्रश्न 3 .द्वितीय: पाठ : 'बिलस्य वाणी न कदापि मे श्रुता ' कहानी के लेखक कौन हैं?

प्रश्न 4. विलोम शब्द लिखिए

1. यशः 2. कटुकम् 3. मैत्री 4. गुणाः

5. पशुः

प्रश्न 5. खाद् (खाना) धातु लट् लकार वर्तमान

काल लिखें व याद करें _ .

प्रश्न 6 मातृ (माता) के शब्द रूप लिखें व याद करें

प्रश्न 7. पेज नंबर 131 में से 51 से 60 तक संस्कृत में गिनती लिखें व याद करें

GK

Answer the following questions

Q1. Which temple dance of Kerala came into existence under the patronage of king Manavada of Calicut?

Q2. Name the officers who have attained the rank of Field Marshal in Indian Army.

Q3. Which seven states that lie in the North Eastern region of India are called seven sister?

Q4. The viceroy of which country built the first European fort in India?

Q5. Name the three main styles of modern kalaripayattu (a sport of Kerala).

Q6. What do you know about aircraft carrier INS Vikramaditya used in Indian Navy ?

Q7. Name the top 3 highest peak of the Himalayan range.

Q8. Name the different types of Malkhamb (a state sport of Madhya Pradesh).

Q9. Which film won the Golden Globe 2021 Award for the best drama film?

Q10. How many types of vaccines are being used in India for the protection against covid-19?

Computer

Answer the following questions

Q1. List the applications of AR and VR.

Q2. Describe LAN and MAN.

Q3. What is computer network? Write its advantages.

Q4. What are the advantages of the database management system?

Q5. Write the names of any four data types of Access.

Q6. What do you know about Router.

Q7. Sumit wants to set up a network for his office use for work from home. Suggest him technology that provides him wireless communication within short range

Q8. Hemant wants to prepare assignment on 3D printer. Suggest him methods of 3D Printing.

Q9. Make a table showing application of RPA(Robotic Process Automation) in various industry.

Q10. Make a PowerPoint presentation on the topic " Computer Network". Save the file with your name ,class, section (Aman 8 A) and mail it on my email address panchaldharmendra1857@gmail.com
