



MODEL ACADEMY

(THE PRESTIGIOUS SCHOOL OF MIER)
CBSE AFFILIATED (Code – 730068)

HOLIDAY HOME WORK

Class- 9th

Subject- Math

- Give a brief introduction of Gujarat and Jammu & Kashmir, on the following Topic.

Introduction:

Including their geographical location culture, what they are famous.

Content:

- a) List down the languages of Gujarat and Jammu and Kashmir in table format and also represented in Pie-chart.
- b) Write down the major production of crops of Gujarat and Jammu and Kashmir (in bar graph).

Class- 9th

Subject- Artificial Intelligence

1. Do comparative study of I.T. Industries of Gujarat and J&K.
2. Make a project on any one entrepreneur of Gujarat and J&K.
3. How e-waste is managed in Gujarat and J&K.
4. Write about 2 software developers from Gujarat and J&K
5. Write about 2 e-governance projects of Gujarat and J&K Govt.

NOTE : Make a project file using colorful A4 size sheets.

ग्रीष्मावकाश कार्य (कला एकीकरण जम्मू कश्मीर और गुजरात)

संपूर्ण कार्य फ़ाइल पर करें (File properly decorated)

1. जम्मू-कश्मीर और गुजरात के प्रसिद्ध कवि अथवा कवयित्रियों का जीवन परिचय तथा उनकी कोई एक रचना चित्र सहित स्पष्ट करें। (कोई पाँच)
2. जम्मू कश्मीर और गुजरात के खानपान में विविधता चित्रों सहित स्पष्ट करें (कोई पाँच)
3. जम्मू कश्मीर और गुजरात के प्रसिद्ध अभ्यारण्य का चित्र सहित वर्णन करें। (कोई पाँच)

Art integration

1. Do comparative study of flora of Gujarat and Jammu & Kashmir.
2. Do comparative study of fauna of Gujarat and Jammu & Kashmir.
3. Study power projects of Jammu & Kashmir and Gujrat.
4. Write about the climatic conditions of Gujrat & Jammu and Kashmir.
5. Study the soil types and crop production of Gujarat and Jammu & Kashmir.

- 1) Make an album of the physical features and scenic beauty of GUJARAT with Jammu and Kashmir. Write few lines on it. (Page limit 10-12)
- 2) Draw at least five pictures related to Navratri festival and Baisakhi/lohri festival. Paste them in a scrapbook with titles. Write few lines on festival.
- 3) Dhokla and khandvi are the staple food items of Gujarat and rajma chawal/roti are the main food of Jammu and Kashmir. Compare both in respect of their food culture. Make a PPT on it.
- 4) Make a PPT showing comparison between different crops of Jammu and Kashmir with Gujarat (cropping pattern, geographical condition,)
- 5) Make a PPT to showing manufacturing of Cotton industry of Gujarat and silk industry of Jammu and Kashmir.
- 6) Compare sources of energy like Tidal energy, Solar energy of Gujarat with hydroelectric power generation of Jammu and Kashmir
- 7) Comparative study on land, climate, animals, cultural life of Gujarat with that of Jammu and Kashmir
- 8) Comparative study on regional language of Jammu and Kashmir with Gujarat. Also explain how NEP policy will help us to integrate with language
- 9) Make a collage on a chart paper : depicting dance ,dress, food, handicrafts, heritage of both Jammu and Kashmir as well as Gujarat and write few lines for all

A. Read the passage and answer the questions that follow.

1. Chocolate diamonds that are actually brown diamonds are compared to the well-known white diamond, which aren't of much worth. Diamonds are produced in mines. The best known diamond mines are in Australia, South Africa and Russia. The largest diamond mine was discovered in 1976 in the desert of Australia near a little creek named Lake Argyle. Diamonds are

created under very extreme conditions of pressure and high temperature. It is a general misunderstanding that there exist only white colourless diamonds. Actually, diamonds exist in many different colours.

2. Of all the diamond mines in the world, almost 80% of the diamonds produced are brownish in colour. Because these were found in such large quantities compared to the other coloured diamonds, these were considered as low-valued diamonds, only good for the industrial sector. But, a famous man called Le Vian came with a marketing campaign to increase the popularity of the chocolate diamond. Instead of calling it a brown diamond, he gave it popular names like caramel, chocolate, cinnamon and cognac. Since his marketing campaign, chocolate diamonds are becoming very popular.
3. The value of a diamond is based on its shape, brightness and colour. Because white diamonds are rare, their value is based on the fact that there are not many white diamonds found around easily. But if you look at the shape and brightness, then the brightest diamond in this world known to men is the brown diamond. Before the development of the Argyle Diamond Mine in Australia in 1986, most brown diamonds were considered worthless for jewelry; they were not even assessed on the diamond color scale, and were predominantly used for industrial purposes.
4. However, marketing strategies changed in the 1980s and brown diamonds have become popular gems. The change was mostly due to the supply: the Argyle mine, with its 35 million carats (7,000 kg) of diamonds per year, makes about one third of global production of natural diamonds; 80% of Argyle diamonds are brown. The percentage of brown diamonds is lower in other mines, but it is almost always a significant part of the total production. Consequently, scientific research on causes of brown color in diamond and ways to alter it has intensified.

A.1. Answer the following questions very briefly.

1. The wrong notion about diamonds is that _____.
2. Brown diamonds were considered low in value because _____.
3. Brown diamonds became popular owing to _____.
4. The value of a diamond is based on its _____.

A.2. Choose the correct alternatives:

1. The white diamonds are rare because:
 1. they were considered as low value diamonds
 2. they are not found around easily
 3. Le Vian increased the popularity of chocolate diamond
 4. of their shape and brightness

2. Brown diamonds were considered worthless for
 1. industrial purpose
 2. marketing
 3. jewellery
 4. None of the above
3. Based on shape and brightness, which is the brightest diamond known to the mankind?
 1. white diamond
 2. brown diamond
 3. chocolate diamond
 4. Both (2) and (3)
4. Find the word from the passage that means 'a planned set of actions aimed at achieving a particular result'. (Para 2)
 1. campaign
 2. popularity
 3. cinnamon
 4. None of the above

B. Read the passage and answer the questions that follow.

Some of us think that writing is only for writers. But writing is for all of us. As Julia Cameron notes in her book *The Right to Write: An Invitation and Initiation into the Writing Life*, "I believe we all come into life as writers."

Writing can be beneficial for all of us, because it can be therapeutic. One of the most powerful parts of therapy is cultivating the ability to observe our thoughts and feelings, said Elizabeth Sullivan, a licensed marriage and family therapist in San Francisco. And that's what writing helps us do.

"Most of us do not think in complete sentences but in self-interrupted, looping, impressionistic cacophony," she said. Writing helps us track our spinning thoughts and feelings, which can lead to key insights (e.g., I don't want to go to that party; I think I'm falling for this person; I'm no longer passionate about my job; I realize how I can solve that problem; I'm really scared about that situation.)

Writing is "speaking to another consciousness – 'the reader' or another part of the self. We come to know who we really are in the present moment," she said.

Writing also creates a mind-body-spirit connection, she said. “When you use your hands to pen or type something directly from your brain, you are creating a powerful connection between your inner experience and your body’s movement out in the world.”

We hold worries, fears and memories in our bodies, Sullivan said. When we use the body in positive ways – such as dancing or writing — we stay in the present moment, we inhabit our bodies, and we can heal ourselves, she said.

“Writing is a small movement but it is incredibly powerful when you are writing down what is in your mind.”

Here are three types of writing you can try :

Free write. Free writing or journaling is simply writing what’s on your mind. It’s letting it all hang out without censoring yourself. According to Sullivan, this could be: “Today I woke up and found the car window smashed and I wondered if the glass replacement guys go out at night and do it.”

Pen Poetry. “Poetry is a natural medicine; it is like a homeopathic tincture derived from the stuff of life itself—your experience,” writes John Fox in *Poetic Medicine: The Healing Art of Poem-Making*.

Compose a letter. Sullivan suggested writing a short letter to a loved one. Imagine this person has written to you and asked you: “How are you doing, really?” Another exercise is to “write to someone with whom you have ‘unfinished business’ without sending it.” The goal is for you to gain a clearer understanding of your own thoughts and feelings about the person, she said.

B1. On the basis of your reading and understanding of the above passage, answer the following:

1. Why does Julia Cameron believe that we all come into life as writers?
2. What is the most important therapeutic quality of writing?
3. Whose consciousness does a writer touch through his or her writing?
4. How does Elizabeth Sullivan describe our thinking? Why does she say so?
5. Which word in the passage means ‘a coarse unpleasant noise’ ?
6. How can a person clear his or her misunderstanding with someone ?
7. The word ‘tincture’ can be replaced with the word
1. trace

2. potion
 3. touch
 4. flavour
8. Which of the following, according to the passage, is not true about writing?
1. Writing is a static activity of the brain.
 2. Writing is a process of self-discovery.
 3. Writing is a positive way of using our body.
 4. Writing helps us streamline our thoughts.

C. Art Integrated Project

1. You are the owner of a travel agency. Prepare a fascinating logo for your agency's brand.
2. One of your customers is interested to visit Gujarat. Prepare an itinerary for the person. Include the necessary details like: duration of the stay, place of the stay, tourist destinations, exotic food, expenditure etc. Paste or draw colourful pictures of suggested destinations and cuisines. Prepare it in the form of a power-point presentation or on a scrapbook showing pictures.

OR

You had been to Gujarat during your vacations. Prepare a travelogue showing the places you visited. Prepare it in the form of a power-point presentation or on a scrapbook showing pictures.

D. ASL (Assessment of Speaking & Listening)

Prepare speech for about 1 minute on any one of the following topics:

1. **India: The land of Great Personalities.**
2. **Benefits of co-education**
3. **Hard work vs smart work**

Q1. Paste the pictures of Historical Monuments of Jammu & Kashmir and Gujarat. Explain briefly (10-15) pages.

سوال نمبر ۱:- جموں و کشمیر اور گجرات کی تاریخی عمارتوں کی تصویریں چپکا کر ان کے بارے میں مختصر طور پر وضاحت کریں۔

Q2. Make a comparative study of about five poets/writers of Gujarat & J&K.

سوال نمبر ۲:- جموں و کشمیر اور گجرات کے پانچ شاعروں یا ادیبوں کا تقابلی مطالعہ کریں۔

Q3. Make a list of staple food items of Gujarat and J&K. Also write one famous recipe of Gujarat or J&K.

سوال نمبر ۳:- گجرات اور جموں و کشمیر کے اہم کھانوں کی فہرست بنائیں۔ گجرات یا جموں و کشمیر کی ایک مشہور ریسیپی بھی لکھیں۔

Q4. Paste the picture of food items of J&K and Gujarat and write about them in your own words.

سوال نمبر ۴:- جموں و کشمیر اور گجرات کے کھانوں کی تصویریں چپکا کر ان کے بارے میں اپنے الفاظ میں لکھیں۔