



Summer



The International
School of Bombay

NURTURE • CHALLENGE • SUCCESS

Summer
Assignment
Class-8

The background of the page is a vibrant tropical beach scene. In the foreground, there are two palm trees with green fronds and brown trunks. A beach chair with blue and white stripes is positioned under a yellow and orange striped umbrella. A lifebuoy with green and white rings is floating in the water. The sky is a clear, bright blue with a few white clouds and a single bird flying in the distance. The overall atmosphere is sunny and relaxed.

Dear Children,

It is summer time, I hope you would enjoy your holidays to the best of your capacities.

Spend good time with your family,

Try to do your written work regularly to enhance your writing power.

Pay special attention towards your health and hygiene.

Don't Play in the sunshine or on hot places.

General Instructions:

All work is to be done in the subject notebook.

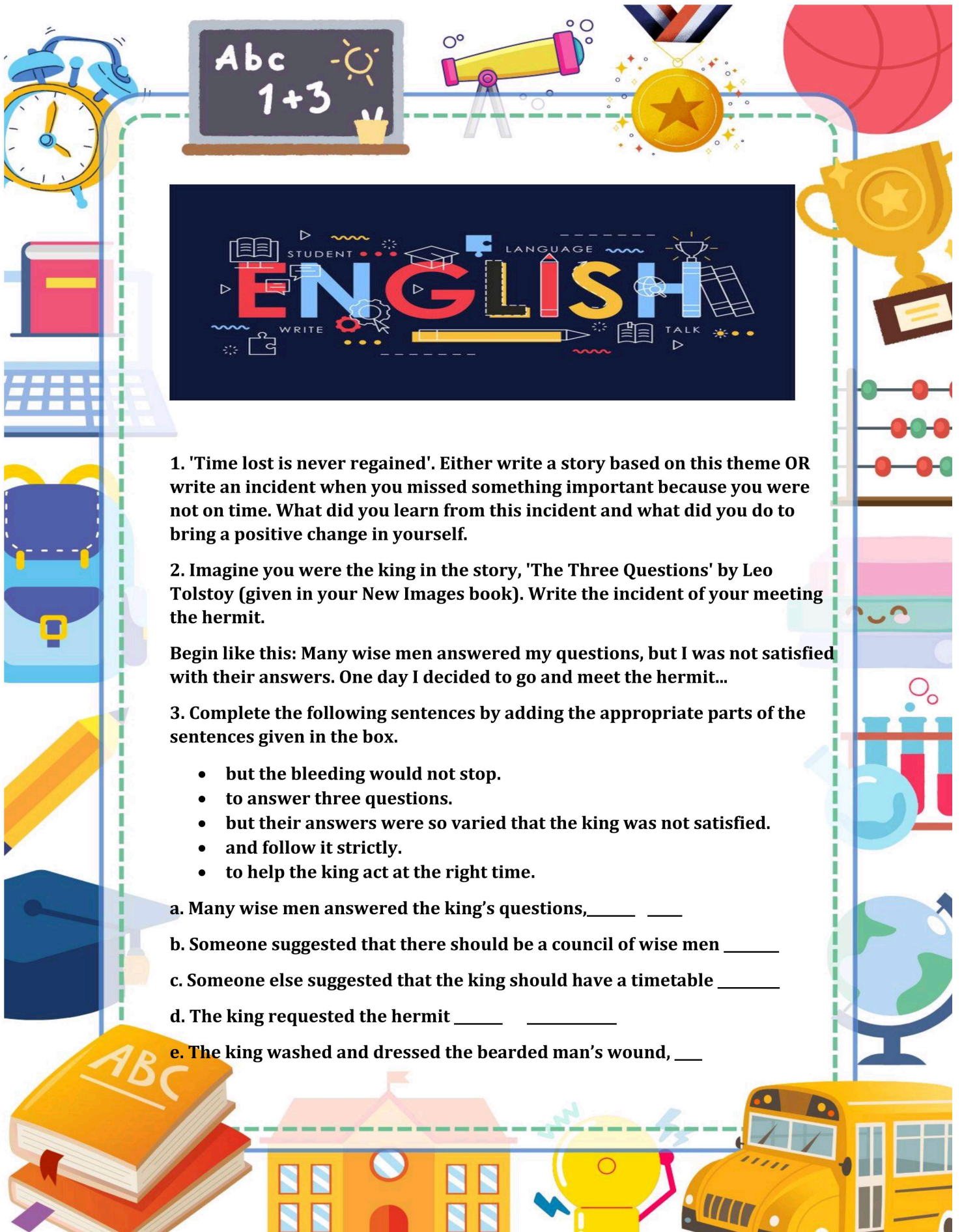
It should be neat and clean.

Read all the homework carefully before starting of the homework.

Please follow the instructions given in each subject homework.

All the Homework will be marked and assessed, so it is **COMPULSORY**, to do all the subject homework.





ENGLISH

STUDENT LANGUAGE WRITE TALK

1. 'Time lost is never regained'. Either write a story based on this theme OR write an incident when you missed something important because you were not on time. What did you learn from this incident and what did you do to bring a positive change in yourself.

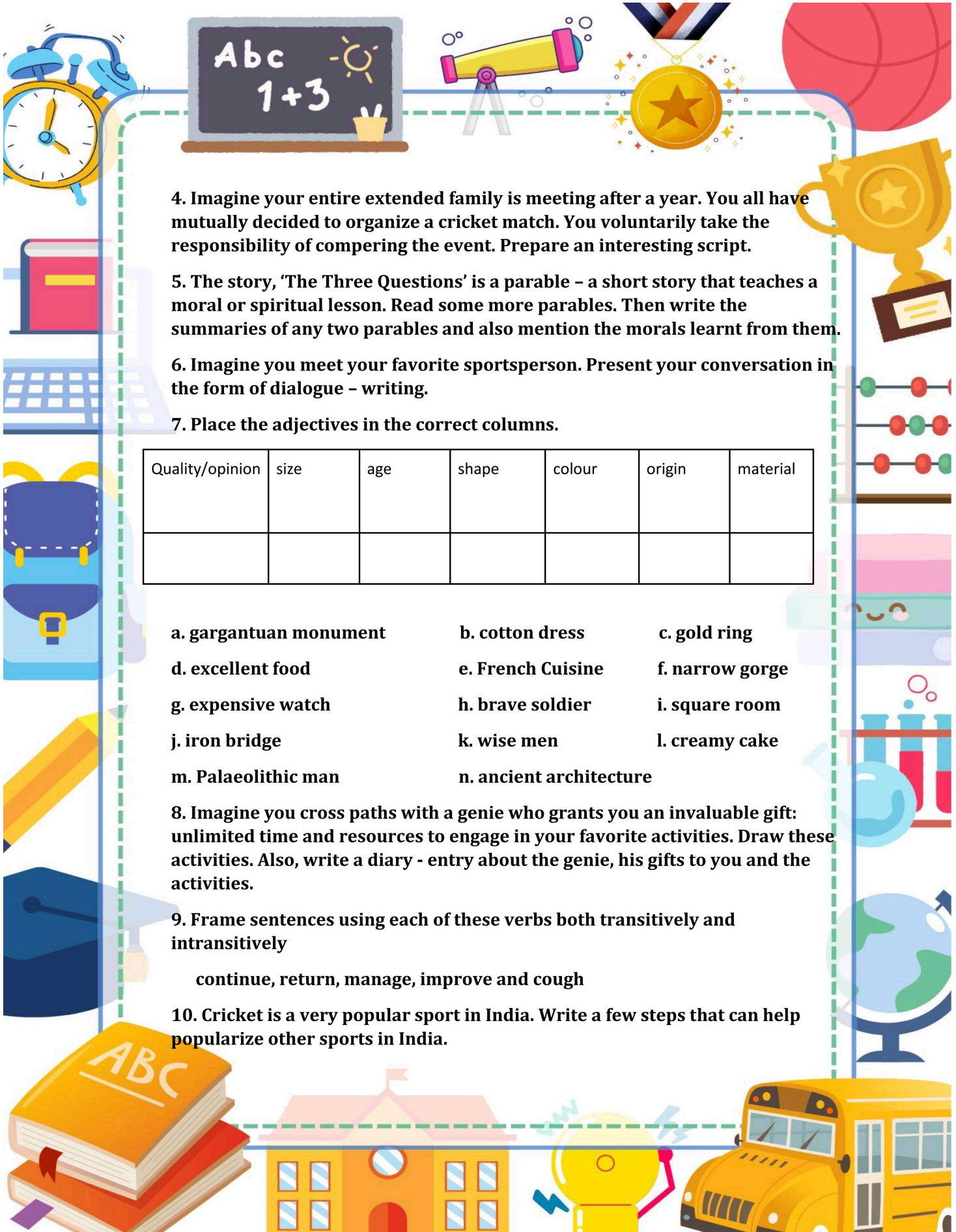
2. Imagine you were the king in the story, 'The Three Questions' by Leo Tolstoy (given in your New Images book). Write the incident of your meeting the hermit.

Begin like this: Many wise men answered my questions, but I was not satisfied with their answers. One day I decided to go and meet the hermit...

3. Complete the following sentences by adding the appropriate parts of the sentences given in the box.

- but the bleeding would not stop.
- to answer three questions.
- but their answers were so varied that the king was not satisfied.
- and follow it strictly.
- to help the king act at the right time.

- Many wise men answered the king's questions, _____
- Someone suggested that there should be a council of wise men _____
- Someone else suggested that the king should have a timetable _____
- The king requested the hermit _____
- The king washed and dressed the bearded man's wound, _____



4. Imagine your entire extended family is meeting after a year. You all have mutually decided to organize a cricket match. You voluntarily take the responsibility of compering the event. Prepare an interesting script.

5. The story, 'The Three Questions' is a parable – a short story that teaches a moral or spiritual lesson. Read some more parables. Then write the summaries of any two parables and also mention the morals learnt from them.

6. Imagine you meet your favorite sportsperson. Present your conversation in the form of dialogue – writing.

7. Place the adjectives in the correct columns.

Quality/opinion	size	age	shape	colour	origin	material

a. gargantuan monument

b. cotton dress

c. gold ring

d. excellent food

e. French Cuisine

f. narrow gorge

g. expensive watch

h. brave soldier

i. square room

j. iron bridge

k. wise men

l. creamy cake

m. Palaeolithic man

n. ancient architecture

8. Imagine you cross paths with a genie who grants you an invaluable gift: unlimited time and resources to engage in your favorite activities. Draw these activities. Also, write a diary - entry about the genie, his gifts to you and the activities.

9. Frame sentences using each of these verbs both transitively and intransitively

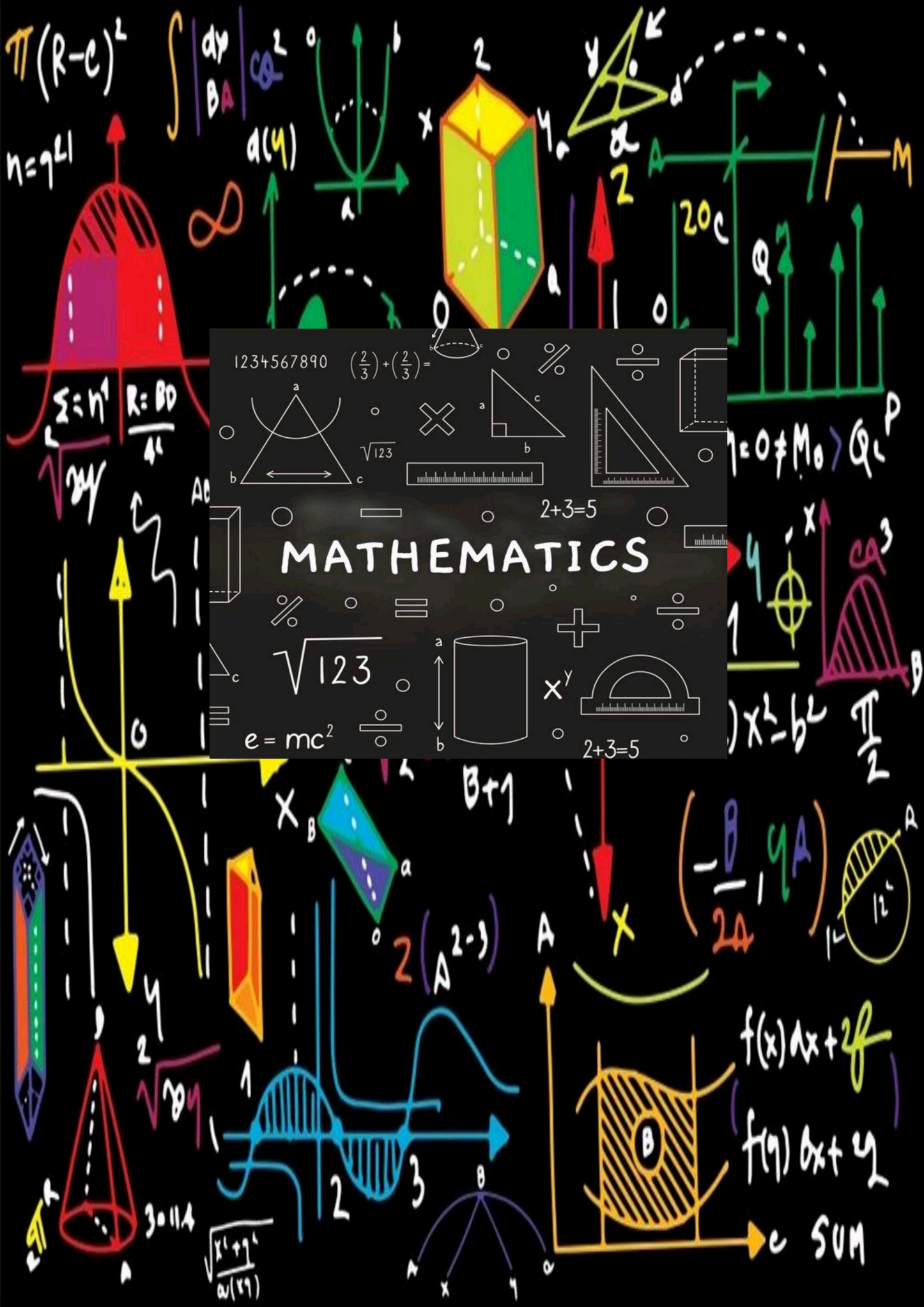
continue, return, manage, improve and cough

10. Cricket is a very popular sport in India. Write a few steps that can help popularize other sports in India.



1. 'वसुधैव कुटुंबकम' से आप क्या समझते हैं? अपने शब्दों में लिखिए।
2. 'जी -20' का संपूर्ण विश्व के लिए उपयोगिता एवं महत्व को चित्रसहित वर्णित कीजिए।
3. 18 वें जी 20 शिखर सम्मेलन का आयोजन 9 और 10 सितंबर 2023, नई दिल्ली, भारत में किया गया। इसके केंद्र-बिंदु तथा लक्ष्य को चित्रसाहित वर्णित कीजिए।
4. 'मानवता से बड़ा कोई धर्म नहीं' पर अपने विचारों का समायोजन निबंध के रूप में कीजिए।
5. 'वसुधैव कुटुंबकम' का वैश्विक स्तर पर वर्तमान में क्या आवश्यकता है? उदाहरण सहित विचारों को पोस्टर बनाकर व्यक्त कीजिए।
6. 'वसुधैव कुटुंबकम' पर चार नारे लिखिए।
7. 'संपूर्ण विश्व एक परिवार' पर एक मौलिक लघुकथा अथवा कविता की रचना कीजिए।
8. 'मानवता नहीं तो हम नहीं' विषय पर व्यंग्यात्मक कार्टून बनाइए।





1234567890 $(\frac{2}{3}) + (\frac{2}{3}) =$ $\frac{2}{3}$ $\frac{2}{3}$

$\Sigma = n^2$ $R = \frac{BD}{4r}$

$\sqrt{123}$ $2+3=5$

MATHEMATICS

$e = mc^2$ x^y $2+3=5$



Q1. Write all the Laws of power and exponents which you have learnt in class VII.

Q2. (A) Find three rational numbers between $\frac{1}{5}$ and $\frac{2}{3}$

(B) Find six rational numbers between $\frac{-1}{3}$ and $\frac{3}{7}$

Q3. (A) Is 90 a perfect square?

(B) Is 2352 a perfect square. if not find the smallest multiple of 2352 which is a perfect square.

Q4. Collect the information of the life history and contribution of the following Indian mathematician. With pictures.

a) Srinivasa Ramanujan b) Aryabhata

Q5. Solve by Adding & Subtracting Square Roots:

$$\sqrt{121} - \sqrt{16} =$$

$$\sqrt{144} - \sqrt{36} =$$

$$\sqrt{64} - \sqrt{9} =$$

$$\sqrt{25} + \sqrt{16} =$$

$$\sqrt{9} + \sqrt{81} =$$

$$\sqrt{81} - \sqrt{9} =$$

$$\sqrt{64} + \sqrt{1} =$$

$$\sqrt{81} - \sqrt{4} =$$

$$\sqrt{36} + \sqrt{4} =$$

$$\sqrt{100} - \sqrt{25} =$$

Q6. Solve:

1 a. $\sqrt{36}$

1 b. $\sqrt{64}$

2 a. $\sqrt{100}$

2 b. $\sqrt{169}$

3 a. $\sqrt{81}$

3 b. $\sqrt{289}$

4 a. $\sqrt{144}$

4 b. $\sqrt{196}$

5 a. $\sqrt{256}$

5 b. $\sqrt{225}$

6 a. $\sqrt{9}$

6 b. $\sqrt{1}$

7 a. $\sqrt{0}$

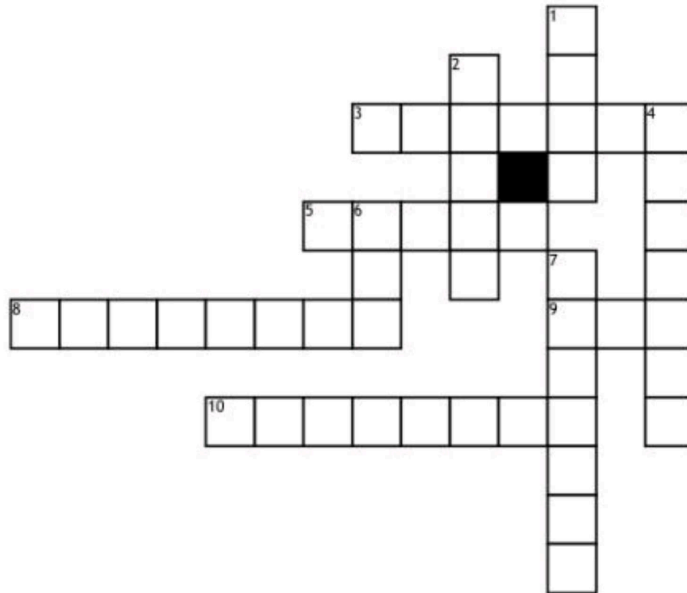
7 b. $\sqrt{49}$

8 a. $\sqrt{121}$

8 b. $\sqrt{25}$

Q7. Solve the below puzzle:

laws of exponents



Across

3. Another word for "to the second power"

5. An exponent can also be called a

8. Exponents that are _____ must be flipped to the other side of the fraction

9. When expressions are being multiplied with the same base, we _____ the exponents

10. This is used to represent repeated multiplication

Down

1. Any base with a _____ exponent equals one

2. Another word for "to the third power"

4. When expressions are being _____ with the same base, we subtract the exponents

6. Every whole number and variable has an exponent of _____

7. Numbers we can multiply together to get another number

Word Bank

factors

add

zero

exponent

power

cubed

negative

divided

one

squared



1. Investigate the history of Plastic: When was it invented? What was its original uses?

2. Research the environmental impact of plastic pollution on oceans, wildlife, and human health.

3. Prepare a poster against the use of plastics.

Or

DIY Recycling Project- Collect various types of plastic waste from your home. Design and create a DIY recycling process to transform the plastic waste into useful items or art pieces.

4. What is Bioplastic? What are their advantages over plastics derived from petroleum?

5. In many parts of our country, the use of polythene bags is legally banned. Find out the names of all such places and also find out what replacements are being used by people.

6. How do you think you can help everyone in stopping the use of polythene at your house, locality and in school? (Write 5 ways)



A globe showing a map of North America, including parts of Canada, the United States, and Mexico. The map is detailed, showing state and provincial boundaries, major cities, and geographical features like the Hudson Bay and the Gulf of Mexico. Overlaid on the map is the text "SOCIAL SCIENCE" in large, bold, white letters with a black outline. The globe is tilted, and the background is dark, making the map and text stand out.

SOCIAL SCIENCE

1. Find out about the historical interaction between tribals and discuss focusing on the impact of colonisation, land acquisition and modernisation.

2. Find out the challenges faced by tribal community and contemporary times, including land rights, cultural preservation and social economic development.

3. Find out the names of two heroes of tribal revolt in the twentieth century write the story in your own words.

4. Choose any tribal group living in India Today. Find out about their custom and way of life and how their life has changed in the last 50 years. Paste their picture also.

5. Write a paragraph about how your lifestyle is different from tribal. given a choice which lifestyle you choose. Do you think you are more privileged to have a modern lifestyle. If yes why? If not why

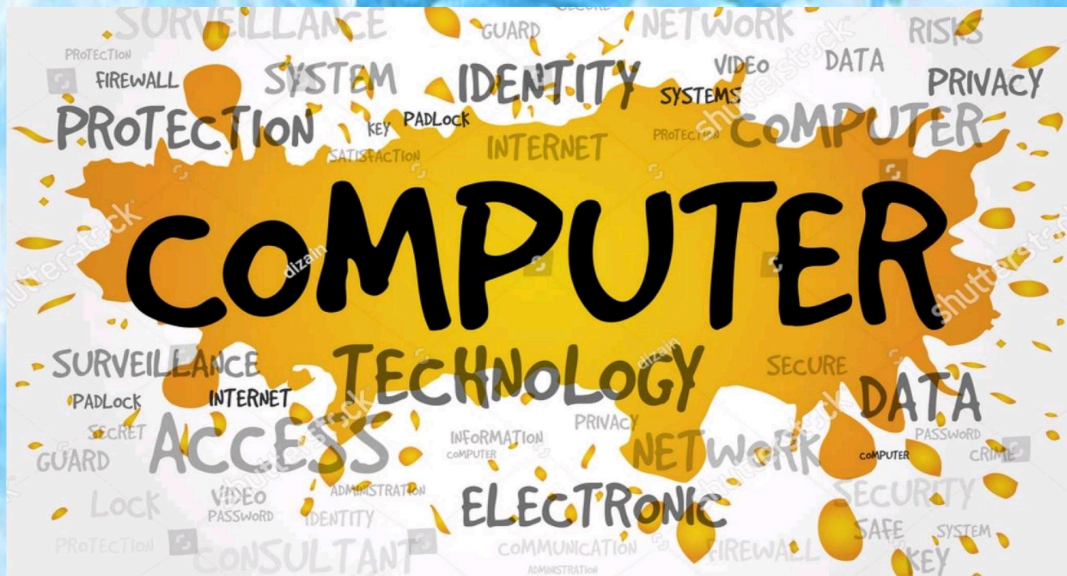
6. Write a short note on Tanti Bheel.

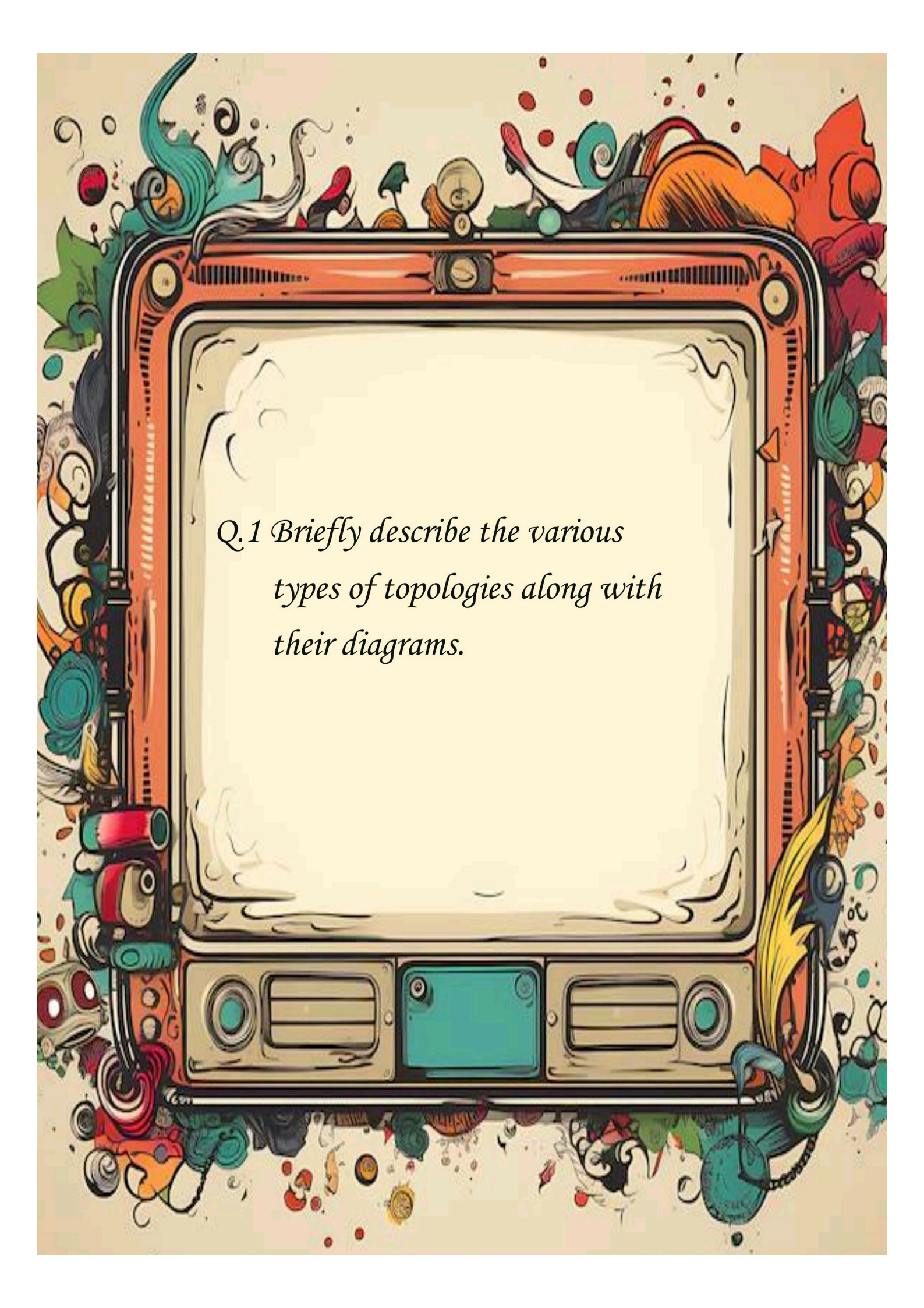






1. कस्मिन् दशः संस्कृत वाक्येषु स्वस्व परिचयं लिखत।
(दस संस्कृत वाक्यों में अपना परिचय लिखिए।)
2. प्रथम पाठस्य श्लोकान् स्मृत्वा भावार्थ सहितं लिखत।
(प्रथम पाठ के श्लोक को याद करके अर्थ के साथ लिखिए।)
3. माँ सरस्वतीस्य एकस्मिन् चित्रे रचयाम्। संस्कृत भाषाया सरस्वती वंदनायाम् लिखत।
(माँ सरस्वती का एक चित्र बनाए तथा संस्कृत भाषा में सरस्वती वंदना लिखिए।)
4. मानवीय सम्बन्धस्य (यथा- माता , पिता , भाई, बहन च) संस्कृत भाषाया लिखत।
यथा- मामा- मातुलः
(मानवीय संबंध जैसे- माता, पिता, भाई, बहन आदि को संस्कृत में लिखिए।)
जैसे- मामा- मातुलः
5. सर्वनाम शब्दः- अस्मद्, मात् शब्दरूपाणि याद करके लिखिए।
6. धातु- रूपाणि लिखिए -
खाद्य, इष् (तीनों काल में)
7. संस्कृत भाषाया संख्यावाचकाः शब्दाः लिखत।
(51-100)
(संस्कृत भाषा में गिनती लिखिए)





Q.1 Briefly describe the various types of topologies along with their diagrams.

Happy
SUMMER
HOLIDAYS