THE S D VIDYA SCHOOL, NOIDA

CLASS: VI

SUBJECT: ENGLISH

Assignment No: 2 **Date of Submission:6th June**

READING COMPREHENSION - THE FROZEN OCEAN

Read the passage. Then answer the questions.

Covering an area of about 5,427,000 square miles, the Arctic Ocean is about the size of Russia, and yet the smallest and shallowest of the world's five major oceanic divisions. It's also one of the least explored, primarily because ice partly covers it throughout the year. It's surrounded by the land masses of Eurasia, North America, Greenland and several islands, while an underwater ridge divides it into two basins, which are further subdivided by ridges. The Arctic Ocean's surface temperature and salinity varies seasonally. Salt lowers the freezing temperature of seawater to -2°C. Despite this, when the atmospheric temperature drops in the Arctic, a thick layer of seawater begins to freeze. What makes the oceans 'ecology so intriguing is the amount of hidden life within - not just in its depths but dispersed across every level of the water column. One of the most important aspects of its rich biodiversity is the presence of micro-algae called phytoplankton, which form an essential component of the food chain. These single-celled plants not only provide nourishment to many marine animals, but also help to regulate the amount of tiny ice needles start to form, creating a salt- free solution called 'frail ice'. As the temperature continues to fall, the frail ice thickens and traps pockets of salty water in its layers. In the summer, the ice melts and the surface cover can be reduced to half of what it was. Thrives during this time, when the sun is out day and night, but struggles to survive in the dark days of winter. Climate change is blamed for the increasing loss of sea ice throughout the Arctic Ocean, as well as the melting of the Greenland ice sheet.

Answer each question.

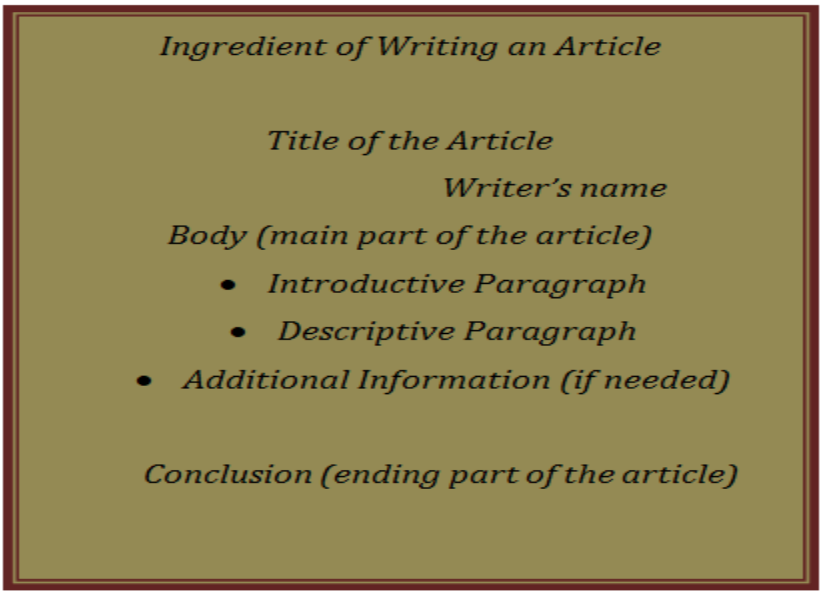
1. **How much area does the Arctic Ocean cover?**
2. **Why is the Arctic Ocean the least explored?**
3. **What is the Arctic Ocean's surface temperature?**
4. **What is the most important aspect of its biodiversity?**
5. **What is the 'frail ice'?**
6. **What happens in summer in the Arctic Ocean?**

ACTIVITY – ARTICLE WRITING

An article is a piece of writing written for a large audience. The main motive behind writing an article is that it should be published in either newspapers or magazines or journals so as to make some difference to the world. An article is written is written with the following objectives.

1. It brings out the topics or the matter of interest in the limelight.
2. The article provides information on the topics.
3. It offers suggestions and pieces of advice.
4. It influences the readers and urges them to think.
5. The article discusses various stories, persons, locations, rising issues and technical developments.

FORMAT OF ARTICLE WRITING



SUBJECT: Social Science

Assignment No: 2 **Date of Submission:6th June**

- "Unity in Diversity" is India's biggest strength. Many of our companies use this idea to promote their products and in the process promote the feeling of unity as well! Let's explore a little bit and look for few advertisements that highlight the value of unity or the concept of unity in diversity.

  Cut two of these advertisements from newspaper or magazine and paste them in your notebook/A4 sheet where you are writing the questions and answers of Ch-1 (Diversity)
- Also explain in few lines how important you think this concept of unity in diversity is to you and the society in the present days when we all are struggling with **Covid 19.**
- **Answer the following questions: (ch-1 Diversity)**

1. Why does society need diversity?
2. Through each region has its own culture, there is unity in India's diversity. Justify this statement.
3. Most of the houses of Punjab have flat roofs, while most of the houses in Kerala have sloping roofs. Can you say why this is so?
4. Imagine if all the story-tellers and writers that you have heard and read so far were forced to live in a place where all people wore the same food(may be potatoes!), took care of the same two animals, for example the deer and the cat, and to entertain themselves played snakes and ladders. What kind of stories do you think they would write?
5. Perhaps you have not noticed that there are several people in the locality where you live who are poor and who do not have enough to eat or wear and sometimes not even a place to live. This difference is not the same as the one we have seen earlier. This is not a difference but it is question of inequality. How does inequality come?

विषय – हिन्दी

कार्य पत्रिका: 2 **जमा करने की तिथि - 6 जून 2020**

1 छह-छह भारतीय और विदेशी भाषाओं के नाम लिखिए ।

2 निम्नलिखित वाक्यों में से विशेषण शब्द छाँटकर उनके भेद लिखिए ।

क. हरी घास मेरा मन मोह लेती है ।

ख. चाणक्य बहुत चतुर ब्राहमण थे ।

ग. विराज की कमीज़ बनने में तीन मीटर कपड़ा लगता है ।

घ. किले की पश्चिमी दीवार के आगे एक जंगल है ।

ङ. रोटी पर थोड़ा घी लगा दो ।

3 निम्नलिखित शब्दों का वर्ण-विच्छेद करके लिखिए ।

क. वर्ष -

ख. पाठशाला -

ग. ग्रामीण -

घ. धरती -

ङ. प्रात: -

4 स्पर्श व्यंजन , ऊष्म व्यंजन और अंत: स्थ व्यंजन की दो-दो उदाहरण लिखिए ।

5 शब्द पहेली में से शब्द चुनकर एक-एक शब्द से वाक्य बनाइए ।

	सू	र	ज	
क	भा	रा	जा	नौ
रो	र	आ	प	क
ना	त	द	स	र
श		मी	घ	र

जैसे : - क. भारत - भारत हमारा देश है ।

ख. _____ -_____

ग. _____ - _____

घ. _____ - _____

इ. _____ - _____

6 मंगल की सतह पर उतरने वाला पहला अंतरिक्ष यान कौन सा था ? जानकारी एकत्र करके कार्य पुस्तिका में लिखिए ।

SUBJECT: SCIENCE

Assignment No: 2 **Date of Submission:6th June**

Q1. Multiple choice questions

1. Which of the following is a protective food?
(a) milk (b) oils and fats (c) fruits (d) cereals

2. Goitre: swelling of thyroid glands occurs due to the deficiency of
(a) iron (b) potassium (c) phosphorus (d) iodine

3. Calcium is not required for?
(a) Strengthening of bones and teeth.
(b) Blood clotting.
(c) Muscle contraction.
(d) Conduction of nerve impulses

4.Which of the following is considered as '*body building foods*'?
(a) Proteins (b) Vitamins (c) Fats (d) Carbohydrates

5.Our body prepares which type of Vitamin in the presence of sunlight?
(a) Vitamin D (b) Vitamin A (c) Vitamin B (d) Vitamin K

6. Which of these is not true of Vitamin C?
(a) It helps in fighting against diseases like common cold, scurvy throat infections
(b) It is present in oranges, tomatoes, lemon and guava.
(c) Deficiency of it causes the wound to heal longer
(d) It promotes growth, vision

7. Our hair and nails contain
(a) Protein (b) Calcium (c) Chlorine (d) Phosphorus

Q2. Fill in the Blank

1. The main source of our food is _____and _____.
2. Bees store _____in their beehive.
3. A cow eats only plant products and so it is called a _____.
4. Pumpkin is the _____ of a plant which is used as vegetable.
5. The edible plant part in spinach is the_____.
6. Tea is obtained from _____ Of tea plant.
7. Lion is a _____ Animal.
8. We eat _____ in onion plant.

Q3: what are the main components of food? Give examples of each.

Q4. What are junk food and why should we avoid it?

Q5. Give two examples of each

Herbivores
Omnivores
Plants whose roots are edible
Plants whose stem is edible
Carnivores
Scavengers
Plants whose flower is edible

SUBJECT: MATHEMATICS

Assignment No: 2 **Date of Submission:6th June**

Q1. Estimate the following (by rounding off to nearest hundreds):
(a) 6,941
(b) 6,320
(c) 416
(d) 126

Q2.
(i) How many thousands make a million?
(ii) How many lakhs make a crore?
(iii) 77788 Successor is _____.
(iv) 24747 is Predecessor of _____.
(v) _____ Successor is 10734.
(vi) _____ Predecessor is 25331.
(vii) Write down the smallest natural number.
(viii) Write down the smallest whole number.
(ix) Which Natural number does not predecessor.
(x) The smallest 6-digit number that can be formed by the digits 7, 6, 0, 5, 8, 0 is a_____.
(xi) Three consecutive predecessors of 60010 are _____.
(xii) The product of two Odd Numbers is a_____.

Q3. Write Roman Numerals for
(a) 49
(b) 78

Q4. Estimate the following (by rounding off to nearest thousands):
(a) 2,456
(c) 25,564

Q5. X and Y worked as salesperson at a book store. They sold 6283 story books in all. X sold 3324 story books. How many story books were sold by Y?

Q6. A factory makes 132 machines per day. How many machines will the factory make in March?

Q7. The population of a town was 9,75,689. In the first year it increased by 4563 and in the second year it decreased by 8976. What was the population of the town at the end of second year?

Q8. If a table costs Rs 450 and a chair costs Rs 225, find the total amount needed to buy 30 table and 50 chairs.?

Q9. A Game zone was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1091, 1802, 1050 and 1751. Find the total number of tickets sold on?

Q10. Sachin bought 4 packs of white T-shirts and 5 packs of blue T-shirts for his football team. Both T-shirts come in the pack of 12. How many T-shirts did Sachin buy in all?

Q11. On Nov 21, 27 adults visited an amusement park. On Nov 22, 23 adults visited the amusement park. The entrance fee for the adults is Rs 100. How much amount is collected from the adults in these two days?

Q12. Solve these using suitable arrangement and properties

a) 17×108

b) 102×103

c) $137 + 908 + 463$

d) 84×9