

Home Assignment – May 03, 2020
Class VIII

English

Q.1. One fine day you find a letter addressed to you in your mail box. On opening it, you find two blank flight tickets inside. The date is May 2021 but the destination is blank. Decide where you would go and why and also whom you will take with you on this dream holiday.

Make your description (120-150 words) so vivid and interesting that the person reading it too feels like joining you!

Q.2. *We have not inherited the earth from our ancestors but have borrowed it from our children.*

You must have read in the newspapers that pollution levels worldwide have reduced drastically in the recent past. Birds and animals are enjoying their new found freedom like never before. In light of this and the picture given below, share your thoughts in about 120-150 words.



Q.3. All of us enjoy reading the advertisements in the newspapers and magazines. Design creative advertisements for any four products that you use on a regular basis. Put the advertisement in a box, insert a catchy phrase and include some important information about the product.

Make your advertisement so attractive that the sale of your products goes up by 25 % in just one month!



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Q.4. **Oxymoron** is a figure of speech in which two opposite ideas are joined to create an effect as in: ‘original copies’ or ‘seriously funny’.

The Oxymorons in the following sentences have been mixed up. Rewrite the following sentences using the correct Oxymorons.

- a. There was a **agreed to disagree** relationship between the two neighboring states.
- b. The Professor was giving a lecture on **old news**.
- c. **Deafening silence** were working for the company.
- d. The channel was repeating the **unpopular celebrities**.
- e. The contractor was asked to give the **virtual reality** of the project.
- f. All the politicians **paid volunteers**.
- g. There was an employee in the office who was **exact estimate**.
- h. The sound of crickets, mosquitoes and the occasional hoot of an owl pierced the love-**hate**.
- i. The program was not liked by the people, for a lot of **awfully lucky** were invited.
- j. The CEO of a multinational company said, “We have been **regularly irregular** to have survived the disastrous effects of the recent economic recession.”

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हिंदी

प्र-1 निम्नलिखित पद्यांश को पढ़कर प्रश्नों के उत्तर लिखिए-

रात हो तम से भरी , फिर भी कदम बढ़ते रहें ।
राह हो काँटों भरी , फिर भी सतत चलते रहें ।
हो अदम्य साहस भरा , मन में सदा उत्साह हो ।
गूँजते हों गीत पथ में, फैलती मुस्कान हो ।
हम बढ़ें या अब रुकें , ऐसा नहीं संदेह हो ।
पथ - प्रदर्शक हम बनें, मन में यही संवेग हो ।
शत्रु -दल आए अगर , भागें नहीं लड़ते रहें ।
राह हो काँटों भरी , फिर भी सतत चलते रहें ।
ज्ञान का दीपक जलाएँ , जड़ तमस को हम भगाएँ ।
अनगिनत राही जो भटकें , मार्ग उनको भी दिखाएँ ।

क) कवि ने आगे बढ़ने में किन बाधाओं का उल्लेख किया है?

ख) कवि ने अपनी कविता के द्वारा हमें क्या सन्देश दिया है?

ग) ज्ञान का दीपक जलाएँ पंक्ति का आशय स्पष्ट कीजिए।

वर्ण विचार

वर्ण-भाषा की सबसे छोटी इकाई या ध्वनि वर्ण कहलाती है। इसके और खंड या टुकड़े नहीं किए जा सकते ।

शब्द- वर्णों का सार्थक व स्वतंत्र समूह शब्द कहलाता है ।

वर्ण-विच्छेद- किसी शब्द के वर्णों को अलग-अलग करके लिखना वर्ण-विच्छेद कहलाता है।

उदाहरण - कुसुम= क्+उ+स्+उ+म्+ अ

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प्र.2-निम्नलिखित शब्दों का वर्ण-विच्छेद कीजिए-

प्रहार, कृष्ण, बूँद, स्वतंत्र, श्रीमान

संज्ञा

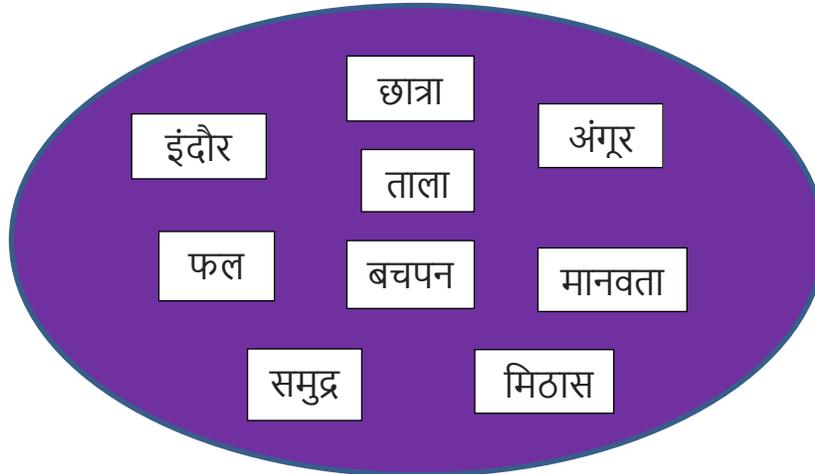
किसी भी व्यक्ति, वस्तु, प्राणी भाव या स्थान के नाम को ही संज्ञा कहते हैं।

जैसे – मनुष्य (प्राणी), अमेरिका, भारत (स्थान), बचपन, मिठास(भाव), किताब, कुर्सी (वस्तु) आदि।

संज्ञा के तीन भेद होते हैं-



प्र.3-दिए गए संज्ञा शब्दों में से जातिवाचक, व्यक्तिवाचक व भाववाचक संज्ञा शब्द अलग-अलग कीजिए-



प्र.4-इस लॉकडाउन की स्थिति में आप घर पर सामान्य दिनों से अधिक समय बिता रहे हैं।

आपने ऐसा कोई काम भी किया होगा जो पहले कभी नहीं किया था ।

(जैसे - बागवानी , व्यंजन बनाना , चित्रकारी, कविता की रचना , कहानी लेखन इत्यादि)

उस काम को सीखते हुए पूरा करने का आपका अनुभव लगभग 80 से 100 शब्दों में लिखिए ।

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Mathematics

Topic: Rational Numbers, Exponents

General instructions:

- I. Do not copy the questions.
- II. Write proper steps and reasons wherever necessary.

1. In each of the following check $a - b \neq b - a$

$$a = \frac{7}{-9} \text{ and } b = \frac{-6}{7}$$

Subtraction is not commutative



2. Divide the sum of $\left(\frac{-5}{8}\right)$ and $\left(\frac{3}{7}\right)$ by the difference of $\left(\frac{-2}{3}\right)$ and $\frac{4}{5}$.



Sol: $\left(\frac{-5}{8} + \frac{3}{7}\right) \div \left(\frac{-2}{3} - \frac{4}{5}\right)$

Use BODMAS Rule

3. Use distributive property of multiplication to simplify the following

$$\frac{3}{6} \times \left\{ \frac{-9}{11} + \frac{5}{22} \right\}$$

NOTE

Distributive Property: $a \times (b + c) = a \times b + a \times c$

4. By what number should we divide $\frac{-10}{21}$ to get $\frac{-2}{3}$?

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5. $3^3 + 3^3 + 3^3 = ?$

6. $(8^0 - 3^0) \times (8^0 + 3^0) = ?$

7. $1^{2010} + 1^{2010} = ?$

8. $\frac{1}{6} - \frac{1}{2} \div \frac{9}{6} = ?$

Use Law of Exponents

Use BOADMAS Rule

9. Find the product of additive inverse and multiplicative inverse of $\frac{-1}{3}$.

Additive Inverse of $a = -a$

Multiplicative Inverse of $a = \frac{1}{a}$



10. The cells of a bacteria double itself every hour. How many cells will be there be after 8 hours, if initially we start with 1 cell. Express the answer in powers.

11. Mass of Mars is 6.42×10^{29} kg and mass of the sun is 1.99×10^{30} kg. What is the total mass?

12. In a stack there are 7 books of 500 pages. If the thickness of each page is 0.000075m, find the total thickness of the stack.

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13. Express two years in seconds. Express in standard form.

14. Each letter of the word MATHS represents the operation as given.

Letter	M	A	T	H	S
Operations	÷	-	of	+	×

Find the value of the expression $(-120)M(+15)A(-8)T2H(-19)S(-5)$

15. Solve the following puzzle by filling in the boxes with correct rational numbers.

$\frac{6}{7}$	+	?	=	$\frac{9}{14}$		
		×				
		$-\frac{5}{6}$	-	?	=	$-\frac{1}{4}$
		=				-
?	=	$1\frac{1}{14}$	+	?		?
						=
						-1

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Science(Biology)

Revision Notes on “Conservation of Plants and Animals”

Biosphere Reserve

A **Biosphere Reserve** is an area which aims to conserve the biodiversity of the area as well as its culture. It may contain other protected areas within it. **For Example**, Pachmarhi Biosphere Reserve has a national park called the **Satpura National Park** and two wildlife sanctuaries called the **Bori Wildlife Sanctuary** and the **Pachmarhi Wildlife Sanctuary**.

Biosphere Reserves in India

There are 18 biosphere reserves in India, which are:



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❖ Let us Recall: (Activity 1)

Fill the empty columns indicating their respective Biosphere reserve / State

S.NO.	Biosphere Reserve	State
1	Achanakmar-Amarkantak Biosphere Reserve	Madhya Pradesh, Chhattisgarh
2		Kerala, Tamil Nadu
3	Cold Desert	
4		Assam
5	Dihang-Dibang	
6	Great Nicobar	
7		Gujarat
8		Tamil Nadu
9	Khangchendzonga	
10	Manas	
11		Uttarakhand
12		Tamil Nadu, Kerala and Karnataka
13	Nokrek	
14	Pachmarhi Biosphere Reserve	
15		Madhya Pradesh
16	Seshachalam Hills	
17	Simlipal	
18		West Bengal

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Wildlife Sanctuary

Wildlife Sanctuaries are reserved forests where wild animals are protected and provided with suitable living conditions. Unlike a zoo, animals in wildlife sanctuaries live in their natural habitat and are free to roam anywhere as they like.

People living in Wildlife Sanctuaries can:

- Graze livestock, and
- Collect firewood or medicinal plants.

Activities prohibited in wildlife sanctuaries include:

- Killing (poaching) animals
- Capturing animals

These activities in wildlife sanctuaries are punishable by law.



Indian wildlife sanctuaries have unique landscapes which include broad-level forests, mountain forests, and bushlands in deltas of big rivers. They protect several threatened wildlife species such as golden cat, pink-headed duck, black buck, white-eyed buck, gharial, marsh crocodile, elephant, rhinoceros, python, etc.

Wildlife Sanctuaries in India

There are **543 wildlife sanctuaries in India**, which include as many as **50 tiger reserves** which focus on the conservation of the tiger. The tiger reserves work under Project Tiger. **Jim Corbett is the first tiger reserve of India. It is situated in Uttarakhand and is also the oldest national park in India.**

Project Tiger is a government initiative to protect tigers. Its objective is to ensure the survival and maintenance of the population of tigers in India.

Similarly, some of these wildlife sanctuaries are called bird sanctuaries as they focus on protecting birds. **Keoladeo National Park**, for example, was a bird sanctuary before it attained the National Park status.

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- ❖ **Let us find out:** (Activity 2)
List some Wild Sanctuaries located in India.

S.No.	Wildlife Sanctuary	State
1		
2		
3		
4		
5		
6		

National Park



National Parks are large forest reserves that attempt to preserve the entire ecosystems within the area including the landscape, flora, fauna, and historic objects of the area.

Satpura National Park is the first Reserve Forest of India. Within this forest, you can find the finest Indian teak as well as rock shelters which are evidence of the prehistoric human life in the area. **There are 104 national parks in India.**

- ❖ **Let us investigate :** (Activity 3)

The following list includes top 10 national parks in India. Find out in which **state** they are located and also mention the names of **wild animals** which are found in these national parks:

- Jim Corbett National Park : _____
- Kaziranga National Park : _____
- Gir Forest National Park : _____
- Sundarban National Park: _____
- Satpura National Park: _____

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- Eravikulam National Park: _____
- Pench National Park: _____
- Sariska National Park: _____
- Kanha National Park: _____
- Ranthambore National Park: _____

Extinct Animals

Extinction is the termination of a kind of organism or of a group of kinds, usually a species. More than 99 percent of all species, amounting to over five billion species, that ever lived on Earth are estimated to have died out. Some examples are: Dodo, Tasmanian Tiger, Passenger Pigeon, etc.

- ❖ According to you, what could be the possible reasons for the animals' extinction?

Red Data Book



The Golden Toad now makes the Extinct as well as the Extinct in the Wild lists of the IUCN Red List.

International Union for Conservation of Nature (IUCN) maintains a record of all the endangered animals and plants in the world and calls it **Red Data Book**. India also maintains its own Red Data Book which keeps a record of endangered plants and animals found in India.

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There is a **Red Data List** too, which is also known as **IUCN Red List of Threatened Species** or **IUCN Red List** which classified all known plant and animal species into nine groups:

- **Extinct:** No known individual of the species is alive.
- **Extinct in the Wild:** No known individual of the species in the wilderness. They exist only in captivity.
- **Critically Endangered:** Species that are at extremely high risk of being extinct in the wilderness.
- **Endangered:** Species that are at high risk of being extinct in the wilderness.
- **Vulnerable:** Species that are at high risk of being endangered in the wilderness.

Migration



Migration is the movement of birds, animals or humans over long distances to live in a new location permanently or temporarily. **Migratory birds** are birds that fly to far away areas every year to avoid harsh and inhospitable weather conditions in their natural habitat. They cover long distances to reach another land and lay their eggs.

- ❖ Name a migratory bird that migrates to India from Siberia during winters?
-

Recycling of Paper

We need to cut 17 full-grown trees to make one ton of paper. We can easily reuse and recycle paper for five to seven trees. Reducing our consumption of paper can save trees and also save water and energy used to manufacture paper. Besides, it can also help in reducing the use of harmful chemicals that are used to make paper.



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- ❖ Creative Corner (Activity 4)
Design a poster depicting “Recycle paper to Save Environment”

A large, empty rectangular box with a thin black border, intended for the student to draw a poster. The box is centered on the page and occupies most of the lower half of the document.

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Social Science

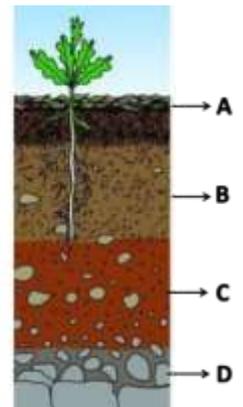
LAND, SOIL, WATER & NATURAL VEGETATION (GEOGRAPHY)

A) Read the passage given below carefully and answer the following questions:

Soil is one of the greatest gift of nature given to human beings. We obtain almost everything from soil. We get primary food products such as grains, vegetables and fruits. If the soil cover is removed, our planet would become as barren and lifeless as the moon. Therefore, it is necessary to conserve soil and take measures which can protect the soil from erosion and fertility exhaustion.



- i) **‘Soil is the basis of all life on the Earth.’** Justify the statement.
- ii) **Suggest any four techniques which can help in soil conservation.**
- iii) **Redraw and identify the different layers of the soil profile and write the characteristics of each layer.**



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B) Food for thought

Describe the positive impact of the lockdown period in India on the following (30 – 40 words each)

- i) Water bodies*
- ii) Animals and birds*
- iii) Atmosphere*

C) When and why are the following events celebrated?

- i) Earth Day*
- ii) World Water Day*
- iii) World Environment Day*
- iv) World Forestry Day*
- v) World Animal Welfare Day*

D) Let's explore your creative side!
Look carefully at the given picture. Draw a beautiful poster in A4 size sheet, highlighting the importance of water resource or conservation of water.

