

THE S.D VIDYA SCHOOL, NOIDA

CLASS-VII

SUMMER HOLIDAY HOMEWORK

SESSION-2023-24

TOPIC: **"WILDLIFE WONDERS: Exploring Arunachal Pradesh's National Parks and Wildlife Sanctuaries"**

Learning Objective: The objective of this art-integrated interdisciplinary project for Students is to explore the national parks and wildlife sanctuaries of Arunachal Pradesh and compare it with Uttar Pradesh, fostering environmental awareness, artistic expression, scientific inquiry, geographical understanding, and a comparative analysis of wildlife conservation efforts.

INTRODUCTION

ARUNACHAL PRADESH, LOCATED IN THE NORTHEAST PART OF INDIA, IS KNOWN FOR ITS PRISTINE NATURAL BEAUTY AND RICH BIODIVERSITY. THE STATE IS HOME TO SEVERAL NATIONAL PARKS AND WILDLIFE SANCTUARIES THAT PROTECT AND PRESERVE ITS UNIQUE FLORA AND FAUNA. THESE PROTECTED AREAS OFFER A GLIMPSE INTO THE DIVERSE ECOSYSTEMS AND PROVIDE HABITATS FOR NUMEROUS SPECIES, MAKING THEM SIGNIFICANT ATTRACTIONS FOR NATURE LOVERS, WILDLIFE ENTHUSIASTS, AND RESEARCHERS.

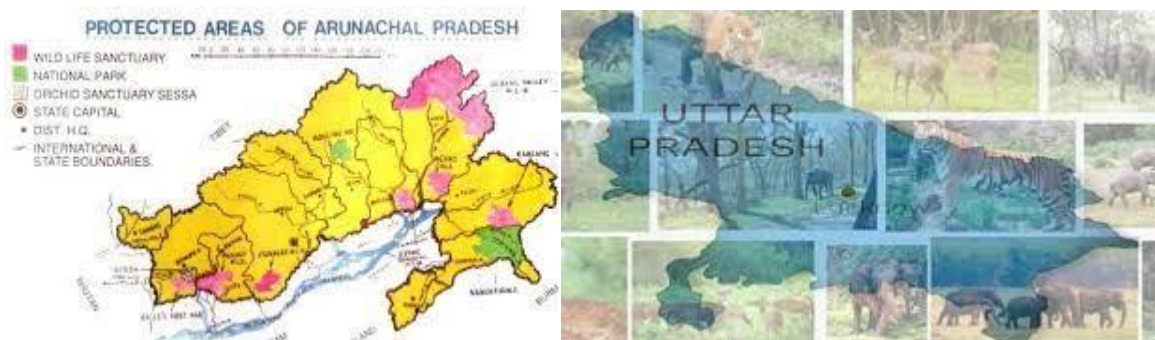


“Imagine you are embarking on an interdisciplinary journey exploring the natural wonders of national parks and wildlife sanctuaries. Your task is to create an engaging and informative scrapbook that combines elements from various disciplines, focusing on the national park and wildlife sanctuaries of Arunachal Pradesh and Uttar Pradesh. Your scrapbook should incorporate the following:

Task 1: Select and describe at least three national parks or wildlife sanctuaries from each state, emphasizing the unique biodiversity found within them. Include details about the flora, fauna, and ecological significance of these protected areas.



Task 2: Create maps showcasing the locations of the national parks and wildlife sanctuaries in both Arunachal Pradesh and Uttar Pradesh. Highlight any geographical features, such as rivers, mountains, or forests, that influence their ecosystems.



Also, write how the geographical location and climate of Arunachal Pradesh and Uttar Pradesh influence the biodiversity in their national parks and wildlife sanctuaries.

Task 3: Craft engaging narratives or descriptions that capture the essence of each national park or wildlife sanctuary. Write engaging captions, poems, or short stories that evoke emotions and convey the importance of conservation and environmental stewardship.

Task 5 :सरकार के द्वारा अरुणाचल प्रदेश के जीव-जन्तुओं के संरक्षण के लिए बनाई गई नितियों की सूची बनाए व आवश्यक तथ्यों को लिखिए ।

Task 6: Collect the information about the areas covered by all the wildlife sanctuaries and national parks in Arunachal Pradesh and draw a pie chart representing the percentage of protected areas in Sq. km (wildlife sanctuary and national park separately). Using the pie chart answer the following:

- a) Which wildlife sanctuary and national park has the largest area?
- b) Which wildlife sanctuary and national park has the least area?
- c) What is each of them famous for?

ASSIGNMENT-1
SUB: SOCIAL SCIENCE

a. Search words that form the earth's structure from the letter maze

given below:

FDDHAFLKFSLATEERPROEIREWIRYSANDSTONEEOREWOPJFNDNLJFSLFJK
DFJSLWEOIERFSLNIEEYADIAMONDJSUWPWEIGTHOCEANICSEVENTHBA
CKSPACECRAZYCRUSTHOOTEROOTPRESSRUGRANITEBILLANTELOPELA
MPOLELIGHTORANGEMAGMACCOKEKEKUOLECOALHEAVYHIGHCHIZYBA
SALTPUTONGREYSADDLEBETWEENSEDIMENTARYREADYRECKONERDES
KBEE TELINTEL COREENTERIRONORESHIFTTOTALROUND OFFMARBLECO
NTAINDIFFERENCEIGNEOUSROCKSPAIDVESSEL CREDITLITHOSPHERE
RERE
DVELVETCREMECAVITYLIMESTONEBAGCAMEGREENMETAMORPHICLC
DCROSSROPEDJJHOWEIPQJPQDNAUEBKOKITE

Noted now Get Set Go! List as many as you can....

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

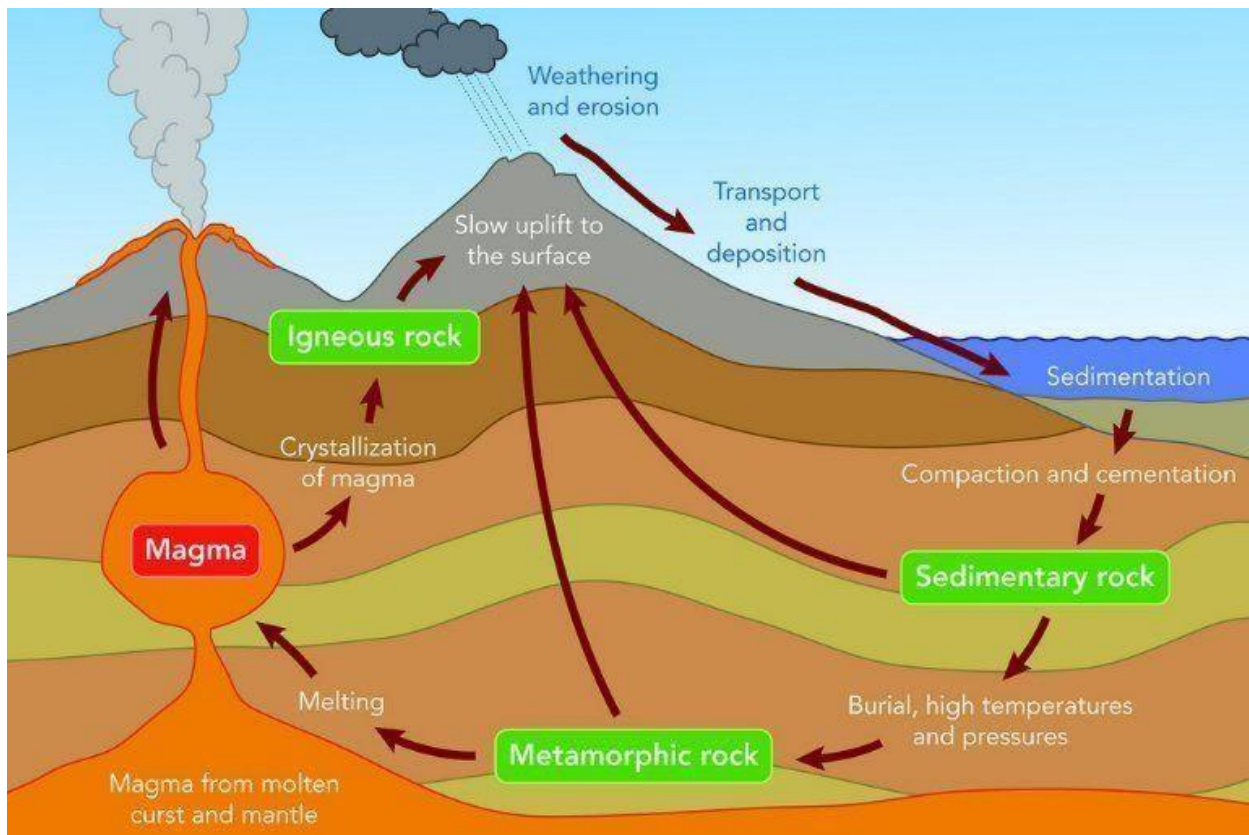
10. _____

11. _____

Answer the following questions:

1. Draw and explain the different layers of the Earth?
2. Name and explain the formation of the three kinds of rocks?
3. What is Rock cycle? Draw and explain?
4. Differentiate between intrusive igneous rocks and extrusive igneous rocks. Support by giving examples.

ROCK CYCLE



क्रियात्मक शीट-1

कक्षा-7

विषय – हिंदी

पाठ -1 हम पंखी उन्मुक्त गगन के

प्रश्न 1 पक्षी किस तरह का जीवन जीना पसंद करते हैं?

उत्तर -

प्रश्न 2 पक्षियों के पंख कब टूट जाते हैं?

उत्तर -

प्रश्न 3 पंखी उड़कर कहाँ जाना चाहते है?

उत्तर -

प्रश्न 4 पिंजरे में बंद पक्षी खुश क्यों नहीं हैं?

उत्तर -

प्रश्न 5 पक्षी भूखे-प्यासे कब मर जाएँगे?

उत्तर -

प्रश्न 6 पक्षियों की चोंच की तुलना किससे की गई है?

उत्तर -

प्रश्न 7 तारक अनार के दाने किन्हें कहा गया है

उत्तर -

प्रश्न 8 पिंजरे में बंद होकर पक्षी क्या-क्या नहीं कर पाते हैं?

उत्तर

प्रश्न 9 निम्न शब्दों के अर्थ लिखिए-

कटुक -.....

अनमना -.....

नीड -.....

अरमान -.....

प्रश्न 10 निम्न शब्दों के विलोम शब्द लिखिए-

कच्चा -.....

कड़वा -.....

आकाश -.....

मिलना -.....

SUB: MATHEMATICS
ASSIGNMENT NO.1

Q1. Convert 6.432 into a decimal fraction.

Q2. If 12 inches = 1 foot (ft) then change 549 inches into ft.

Q3. A fruit seller buys 712 fruits, of which $\frac{3}{4}$ are apples. Of all the apples that he bought, $\frac{1}{3}$ were found to be rotten. If he sold all the good apples at Rs.5 each. How much money did he receive on selling all the good apples.

Q4. If 21.875 litres of oil is in $3\frac{1}{2}$ cans of tin of equal capacity, find the capacity of oil in each can.

Q5. What is the value of $(-22)-[(-23)-(-17)-(-61)](-22)-[(-23)-(-17)-(-61)]$

Q6. What should be subtracted from -9876 to obtain -9512 ?

Q7. The temperature of a city is 4°C . Next day the temperature falls by 5°C . What is the temperature of the city next day?

Q8. Fill in the blanks

- i. Sum of integer and its additive inverse is _____
- ii. Sum of -22 and -44 is _____
- iii. _____ is absolute value of -998
- iv. $36 \div (\text{_____}) = -9$

Q9. A divers descends 20 feet in the water from the boat at the surface of a lake. He then rose 12 feet and descends another 18 feet. At this point what is his depth in water?

Q10. Verify the following

- a. $(-22) \times [(-4) + (-5)] = [(-22) \times (-4)] + [(-22) \times (-5)]$
- b. $(-12) \times [(3) + (-9)] = [(-12) \times (4)] + [(-12) \times (-9)]$

Q11. The price of the stock decreases Rs. 45 per day for four consecutive days. What was the total change in value of the stock over 4 day period?

Q12. A group of hikers is descending the mountain at a rate of 600 feet per hour. What is the change in elevation of hiker after 6 hours?

SUB: MATHEMATICS
ASSIGNMENT NO.2

Q1: If $\frac{2}{3}$ of a number is 6, find the number.

Q2: Arrange the following in ascending order:

(i) $\frac{2}{7}, \frac{3}{5}, \frac{5}{6}$ (ii) $\frac{1}{5}, \frac{3}{7}, \frac{7}{10}, \frac{1}{6}$

Q3: Find the products:

(i) 2.4×100

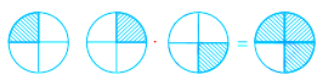
(ii) 0.24×1000

(iii) 0.024×10000

Q4: Reemu reads $\frac{1}{5}$ th pages of a book. If she reads further 40 pages, she would have read $\frac{7}{10}$ th page of the book. How many pages are left to be read?

Q5: A picture hall has seats for 820 persons. At a recent film show, one usher guessed it was $\frac{3}{4}$ full, another that it was $\frac{2}{3}$ full. The ticket office reported 648 sales. Which usher (first or second) made the better guess?

Q6: Multiple choice questions



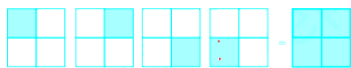
i. The picture interprets

a. $3 \times \frac{1}{4}$

c. $3 \div \frac{1}{4}$

b. $\frac{1}{4} \div 3$

d. $3 \times \frac{3}{4}$



ii. The picture interprets

a. $4 \times \frac{1}{4}$

c. $4 \div \frac{1}{4}$

b. $\frac{1}{4} \div 4$

d. $3 \times \frac{3}{4}$

iii. What is $\frac{3}{5}$ of 24?

a. 5

b. 10

c. 15

d. 20

iv. Which of the following is an equivalent fraction of $\frac{2}{3}$?

a. $\frac{4}{9}$

b. $\frac{6}{13}$

c. $\frac{8}{11}$

d. $\frac{10}{15}$

v. Which of the following is improper fraction?

a. $\frac{1}{12}$

b. $\frac{5}{9}$

c. $\frac{4}{13}$

d. $\frac{7}{2}$

vi. Which of the following is fraction?

a. $\frac{7}{4}$

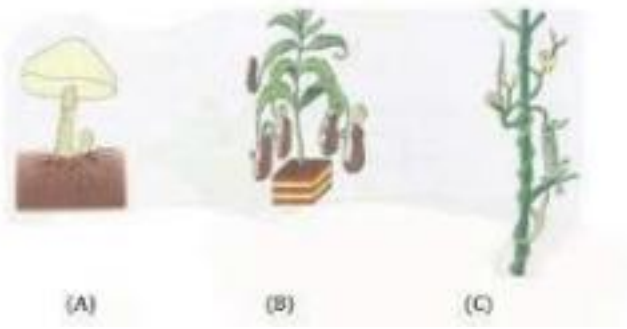
b. $\frac{19}{4}$

c. $\frac{14}{5}$

d. $\frac{4}{11}$

SUB: SCIENCE
ASSIGNMENT NO.1

I. Observe the diagrams of organisms given below. Name them and write their mode of nutrition.



II. Very short answer questions

1. What are stomata? Draw structure of stomata.
2. What are lichens?
3. What is nutrition?
4. Give an example of saprophyte?
5. Name the gas that is produced during photosynthesis?
6. Distinguish between autotrophs and heterotrophs?

III. Multiple Choice Questions

Q1: Which of the following organisms gets its food from dead and decaying matter?

- (a) Algae (b) Fungi (c) Amoeba (d) Insectivorous plants

Q2: Which of the following are autotrophs?

- (a) all plants (b) Green plants (c) All animals (d) Unicellular organisms

Q3: Rhizobium is an example of

- (a) Symbiosis (b) Parasites (c) Insectivorous (d) none of these

Q4: The associations of organism where they live together and share shelter and nutrients is known as _____.

- (a) Saprophyte (b) Autotroph (c) Symbiosis (d) Parasite

Q5: _____ is a saprophyte?

- (a) Venus flytrap (b) Mushroom (c) lichen (d) Dodder

Q6: Which of the following is an insectivorous plant?

- (a) Lichens (b) Venus Fly trap (c) Euglena (d) Amoeba

Q7: Green plants are:

- (a) herbivores (b) autotrophs (c) heterotrophs (d) omnivores

Q8: The tiny pores present in the leaves of the plants for the exchange of gases are called _____

- (a) Stomata (b) Tracheae (c) Chloroplast (d) Spiracles

SUB: SCIENCE

ASSIGNMENT NO.2

1. Food is essential for all living organisms. Carbohydrates, proteins, fats, vitamins and minerals are components of food. These components of food are necessary for our body and are called ---.

- a) Nutrition b) Nutrients c) Constituents d) None of these

2. Which of the following statements is/ are correct?

- i) All green plants can prepare their own food.
- ii) Most animals are autotrophs
- iii) Oxygen is liberated during photosynthesis.
- iv) Carbon dioxide is not required for photosynthesis.

Choose the correct answer from the options below:

- a) i)&(iii) b) (ii) only c) (ii)&(iii) d) (i)&(iv)

3. Plants which synthesise their own food are called-----

- a) heterotrophs b) parasite c) autotrophs d) none of these

4. By nature human beings are:

- a) insectivores b) carnivores c) omnivores d) herbivores

5. Photosynthesis is a light dependent

- a) autotrophic nutrition b) saprotrophic nutrition
c) parasitic nutrition d) heterotrophic nutrition

6. Other than light ,which of the following are also essential for Photosynthesis.

- a. Carbon dioxide, water, minerals, chlorophyll
- b. Carbon dioxide, water, vitamins, chlorophyll
- c. Carbon , water, minerals, chlorophyll

d. Carbon ,water, hormones, chlorophyll

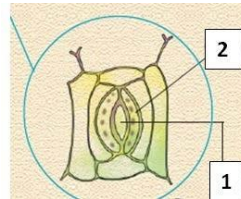
7. Two organisms are good friends & live together. One provides shelter, water & nutrients while the other prepares & provides food. Such an association of organisms is termed as _____

- a) saprophyte b) symbiosis c) autotroph d) parasite

8. The pitcher plant is green & carries out photosynthesis. It traps & feeds on insects. Therefore, the mode of nutrition is:

- a) autotrophic b) heterotrophic c) both a & b d) none of these

9. Observe the diagram given below & choose the correct option for labelling.

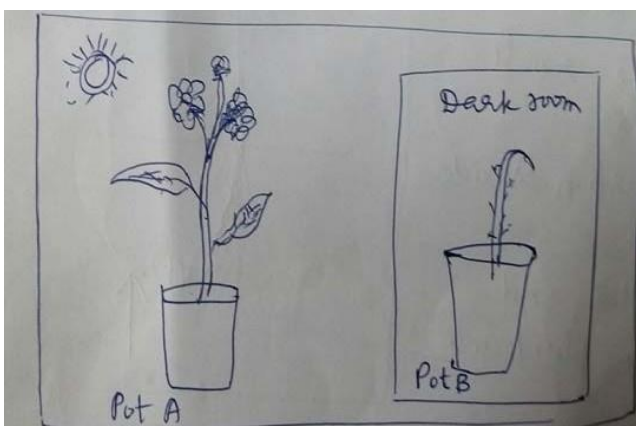


- a) 1-stomatal opening, 2-guard cell b) 1-guard cell, 2-stomatal opening
c) 1- chloroplast, 2-guard cell d) 1- epidermal cell, 2- chloroplast

10. Select the incorrectly matched statement given in column A with column B

- | A | B |
|----------------------------------|----------------------------|
| a) tiny pores in leaves | I) stomata |
| b) parasitic plants with slender | II) mold long tubular stem |
| c) Bread | |
| d) plants feeding on insects | III) Insectivores |
| e) a plant food factory | IV) leaf |

11. Anjali planted two plants in pot A & pot B. She placed pot A in open where plenty of sunlight is available & pot B in dark room with negligible amount of sunlight. After a few days, she observed that plant in pot A is growing in size while plant in pot B had died. Choose the reason from given below:



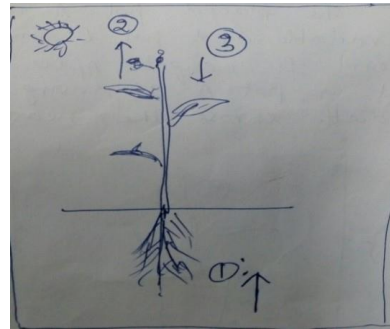
Anjali poured more water in pot A.

- a) The plant in pot A is stronger.
- b) Dark room kills plant's chlorophyll.
- c) Plants need light to prepare food

12. Process of conversion of carbon dioxide & water into starch by the green plants & release of oxygen in the presence of sunlight is called

- a) Excretion
- b) digestion
- c) photosynthesis
- d) respiration

13. After studying photosynthesis, Anita drew the illustrations of a plant shown below:



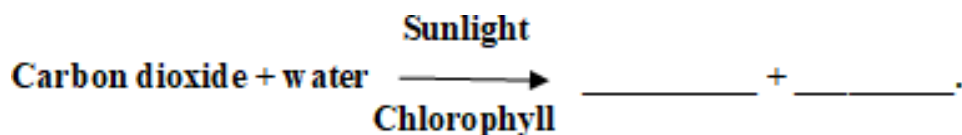
Arrow 2 in the given figure represents

- a) Release of oxygen into the atmosphere.
- b) Absorption of water & minerals by the roots from the soil.
- c) Release of water & minerals by the plant into soil.
- d) Absorption of carbon dioxide into the soil.

14. Hari wants to test presence of starch in a leaf. The steps to conduct the test are given below. Choose the step which is not necessary.

- a. Boil the leaf first in water & then in alcohol.
- b. Wash the bleached leaf.
- c. Heat the bleached leaf on a hot flame.
- d. Add a few drops of iodine solution to the bleached leaf

15. Complete the given equation of photosynthesis from the options given below:-



- a. Carbon, sunlight
- b. Carbohydrate, water
- c. Carbohydrate, oxygen
- d. Starch, water

SUB: ENGLISH

WORKSHEET 1

I. Arrange these jumbled words in meaningful sentences.

1. Drove/bike/he/hills/in/the
2. Playing/Rohan/park/in/is
3. Cooking/in/mom/kitchen/is
4. Studying/friends/a/group/of
5. Whatever/they/do/decide/they

II. Identify the kinds of sentences from the following & label it.

1. It is going to snow tomorrow? _____
2. New leaves sprout on trees. _____
3. Please help me. _____
4. When will the programme begin? _____
5. How wonderfully he sings! _____
6. I won't follow your advice. _____
7. How many students graduated from this university last year?

8. Hurrah! We have won the match. _____
9. Turn right to the corner of the temple and wait there till I come.
10. Please note the homework in your diary. _____

III. Change an assertive sentence into an interrogative sentence:

1. She was sleeping. _____
2. He walks fast. _____
3. I am right. _____
4. He makes tea. _____
5. You will go there. _____
6. They played basketball.

7. You are hungry. _____
8. They must obey me. _____
9. He is your brother. _____
10. She can swim.

ENGLISH WORKSHEET 2

I. Identify the nouns in the following sentences and say whether they are countable or uncountable nouns.

1. Can I have a slice of bread? _____

2. Put these chocolates in the fridge. _____
3. How many languages do you know? _____
4. I saw four people standing near our gate. _____
5. Please give me some money. _____
6. How much flour do I need to bake a cake? _____
7. Knowledge is a precious thing. _____
8. All the friends went to watch the match. _____
9. Please do not park your car here. _____
10. Submit your assignment in a file. _____

II. Fill in the blanks with the correct abstract noun from the ones given in the box below.

1. Mother Teresa was renowned for her _____.
2. India got _____ from the British rule in 1947.
3. We should always speak the _____.
4. There was a lot of _____ in the school on sports day.
5. He took the _____ to become a doctor.
6. Poor people have to undergo a lot of _____.
7. A deer is known for its _____.
8. Curtains give us _____ from the outside world.
9. A judge has to ensure _____.
10. He was able to win the tug of war because he had _____.

III. Correct the following sentences.

1. There is too few coffee in the cup. _____
2. How much boys have failed? _____
3. The teacher has lots of knowledges. _____
4. There is many rice in my bowl. _____

5. The builder has a little bricks. _____

6. Do we have much spoons? _____

IV. Improve your handwriting skills:

A good handwriting will help you retain your lesson better and engage with your thoughts completely.

Prepare a separate notebook and do handwriting practise in it.

1) Do 1 page of handwriting every day in your summer vacations. You can take the writing content from your textbook, magazines or newspapers.

Write the date on each page.

2) Practice reading with attention with proper pronunciation, punctuation, volume intonation and the expression. Practice with your parents to guide you. Daily read a page of any book of your choice.