

THE S.D VIDYA SCHOOL, NOIDA
SUMMER HOLIDAY HOMEWORK
Class-VII

State- Arunachal Pradesh

TOPIC: Buddhism-A living Religion in Arunachal Pradesh



English

Folklore is defined as stories, customs, and beliefs in a culture that are unwritten and passed down orally from generation to generation. Like any other part of the world, India too has its own share in the folklore. These folklore changes from state to state. We will move towards the North-Eastern part of India, to the state of Meghalaya.

Meghalaya also has a lot of stories that are passed from one generation to another.

Read any two folk lore of the state. On an A3 size sheet, write the details of the stories that you have read. Include points like-

- ❖ Theme of the story
- ❖ Main characters of the story
- ❖ What you liked in the story

Moral from that story.

Give a cover page to the folklore you read. Make it neatly, beautifully. Prepare one of the story for a narration to your classmates after the break.

Hindi

मेघालय की संस्कृति के बारे में जानकारियां एकत्रित कीजिए व ए4 शीट पर लिखिए।

- मेघालय प्रान्त का मुख्य त्योहार कौन-सा है ?
- मेघालय के लोगों के मुख्य खाद्य पदार्थ क्या है?
- मेघालय के सांस्कृतिक नृत्य का चित्र बनाएं व उनके विषय में महत्वपूर्ण जानकारियां लिखिए।
- वहां के लोगों के पोशाक व पहनावे का कॉलाज तैयार कीजिए व उनके विषय में महत्वपूर्ण जानकारियां लिखिए।



Mathematics - Mandala Art

One of the richest visual objects in Tibetan Buddhism is the mandala. A Mandala is a Sanskrit word for 'circle' is a geometric design that holds a great deal of symbolism in Hindu and Buddhist cultures. Mandalas are believed to represent different aspects of the universe and are used as instruments of meditation and symbols of prayer. In their most basic form mandalas are circles contained within a square and arranged into sections that are all organized around a single, central point.

- I. To understand Mandala Art, its meaning, use of circles, polygons, lines and symmetry bring out the artist in you and draw a beautiful Mandala art on an A3 size sheet using only compass and ruler and explain the mathematical association in it.

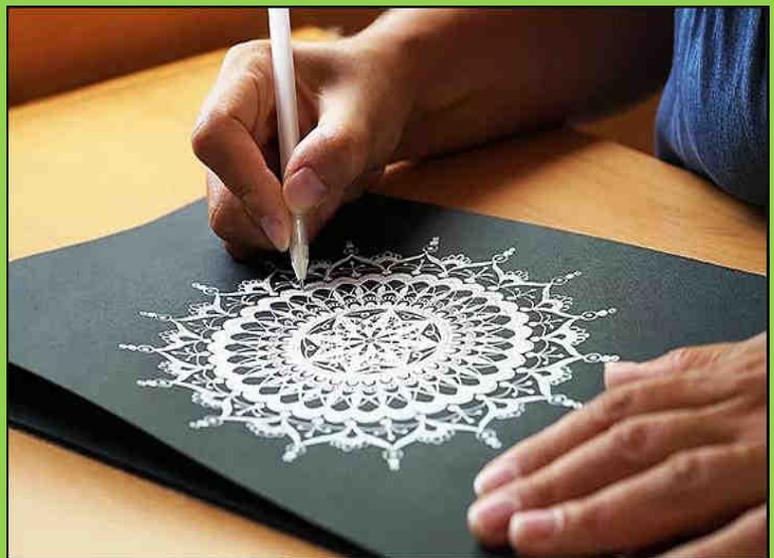
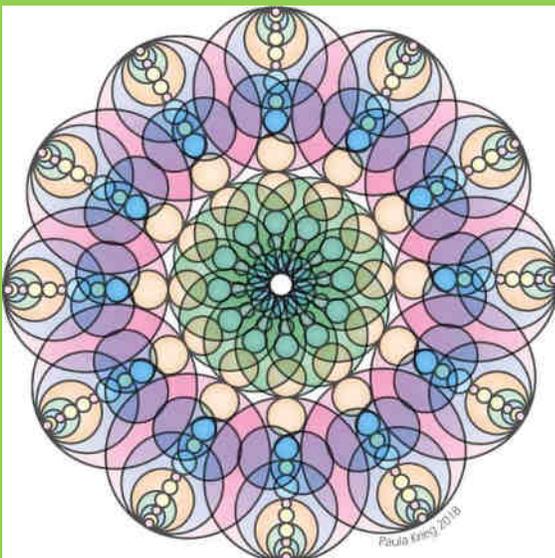
Geometric Mandala

- For ref use this link : <https://youtu.be/NEuOyeYnH2k>

- II. Geometric design is a fun trend that focuses on the simplistic beauty of mixing certain shapes, lines and curves together for creative results. Bring out the artist in you and draw a beautiful Geometric Design on an A3 size sheet and explain the mathematical association in it.

Six Hexagons Geometric Designs

- For ref use this link : <https://youtu.be/9Z7eZVIDZyc>



Science- Fibre to fabric

Explore about the clothes worn by Buddhist monks and people of Arunanchal Pradesh. Collect the information and prepare a beautiful and creative folder along with suitable pictures. It should include:

- Type of clothes they wear, fabric used, weaving pattern etc.
- Type of fibre(natural/ synthetic fibre)
- Difference between fibre, Yarn and fabric.
- The properties of different natural fibres.
- Processes of making fabric from fibre (with pictures)
- Explain why cotton fabrics are preferred in hot and humid climates.
- Explain what property of woolen clothes enables people to cope with low temperatures.
- Explain why plant fibres are a better choice as compared to animal fibres.
- Explain why natural fibres should be preferred over synthetic fibres in the present scenario.



Social Science

(A world of godship awaits you in Arunachal Pradesh beautiful holy attractions. You can dip all your senses in our spiritual and Monasteries tours. Arunachal Pradesh offers many spiritual important places and it is a dwelling to some of the best meaningful Buddhist monasteries. Tourism in Arunachal Pradesh is incomplete without praying your sins in some of these shrines like Tawang Monastery, Chillipam Gompa, Golden Pagoda, Ugyelling Gompa, Dangoria Baba temple, Parasuram Kund, Shivlinga at Kardo Hills, Akahshiganga, Malinithan and there are more. Amongst the top tourist attractions in Arunachal, you are to feel spiritually lifted in these divine places.)

TOPIC : PEACE AMIDST MOUNTAINS- A PEEP INTO MONASTERIES IN ARUNACHAL PRADESH.

Activity:

- Make a scrap book and paste the pictures of 5 important Monasteries in Arunachal Pradesh.
- And also write about the origin and history of these 5 Monasteries.



(Learning Objective: To familiarize students about the origin and history of monasteries in Arunachal Pradesh.

ENGLISH WORKSHEET 1

I. Write a declarative sentence about each on the topics listed. Make sure you end each sentence with a full stop (.)

1. Example: Summer- Last summer I went to my grandma's house.
2. Beach _____
3. Family _____
4. Flowers _____
5. Pool _____
6. Sunglasses _____
7. Ice cream _____
8. Vacation _____
9. Sun _____
10. picnic _____

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

1. What a terrible night it was!
2. Get this chocolate from the grocery shop.
3. How beautiful your sister is!
4. Ravi is the fastest runner in your class.
5. Please, stop making faces at my paintings.
6. When does your father come to school?
7. Please turn down the volume.
8. Monika does not love to paint animals.
9. This is the almirah where we keep our documents.
10. How many books did you take from the school library?

III. Rewrite the following sentences as imperative sentences.

1. You pass the crackers please. _____
2. You share the cookies. _____
3. You do your homework. _____
4. You feed the goldfish. _____
5. You water the plants. _____

ENGLISH WORKSHEET 2

IV. 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. _____

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

Timidity—privacy—activity—kindness—truth—strength—hardship—justice—decision—freedom

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 _____.

VI. 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? _____

The SD Vidya School
Class VII
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. $(-12) \times [(3) + (-9)] = [(-12) \times (3)] + [(-12) \times (-9)]$

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?

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. $\frac{4}{11}$

MATHEMATICS ASSIGNMENT NO.3

1. The mean of the first five whole number is

- (a) 2 (b) 5 (c) 3 (d) 4

2. A cricketer scores the following runs in eight innings: 58, 76, 40, 35, 46, 45, 0, 100 . What will be their mean score?

- (a) 400 (b) 50 (c) 200 (d) 100

3. What will be the range of following data? 32, 41, 28, 54, 35, 26, 33, 23, 38, 40

- (a) 25 (b) 23 (c) 31 (d) 54

4. Median of the data 13, 16, 12, 14, 19, 12, 14, 13, 14 are:

- (a) 14 (b) 19 (c) 12 (d) 13

5. There are 6 marbles in a box with number 1 to 6 marked on each of them. What is the probability of drawing a marble with number 2?

- (a) $\frac{1}{6}$ (b) $\frac{1}{5}$ (c) $\frac{1}{3}$ (d) 1

6. A coin is flipped to decide which team starts the game. What is the probability of your team will start?

- (a) $\frac{1}{4}$ (b) $\frac{1}{2}$ (c) 1 (d) 0

7. A die is thrown once. What will be the probability of getting a prime number?

- (a) $\frac{1}{2}$ (b) 0 (c) 1 (d) $\frac{1}{8}$

8. A batsman scored the following number of runs in six innings: 36, 35, 50, 46, 60, 55 Find the mean runs scored by him in an inning.

- (a) 50 (b) 49 (c) 46 (d) 47

9. The mode of the given set of numbers 2, 14, 16, 12, 14, 14, 16, 14, 10, 14, 18, 14 is:

- (a) 12 (b) 14 (c) 16 (d) 11

10. A die thrown once find the probability of the following (1 – 4):

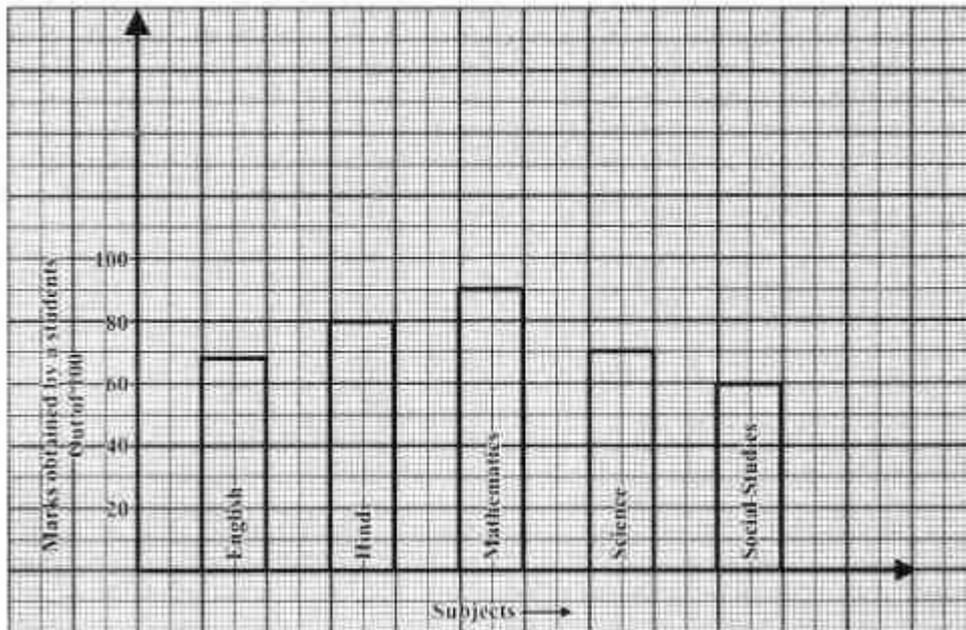
1. Getting a number greater than 5.

2. Getting a prime number.

3 Getting an even natural number.

4. Getting a number less than 4.

11. Study the bar graph given below and answer the questions that follow:



1. In which subject the performance of student is best?
2. Calculate the average marks of the student.
3. If 75 and above marks denote a distinction, then name the subjects in which the student got distinction.
4. Calculate the percentage of marks the student got out of 500.

12. The mean of 10 observations was calculated as 40. It was detected on rechecking that the value of 40 was wrongly copied as 10. Find the correct mean.

13. The following are weights (in kg) of 12 people.

70, 62, 54, 57, 62, 84, 75, 59, 62, 65, 78, 60

- (a) Find the mean of the weights of the people.
- (b) How many people weights above the mean weight?
- (c) Find the range of the given data.

14. The Letters written on paper slips of the word 'MEDIAN are put in a bag. If one slip is draw randomly, what is the probability that it bears

- (a) the letter 'D'
- (b) a vowel.

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 exchange of gases are called _____

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

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

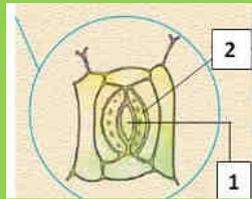
7. Two organisms are good friends & live together. One provides shelter, water & nutrients while the other prepares & provides food. Such an association of organisms is termed as _____

- 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.

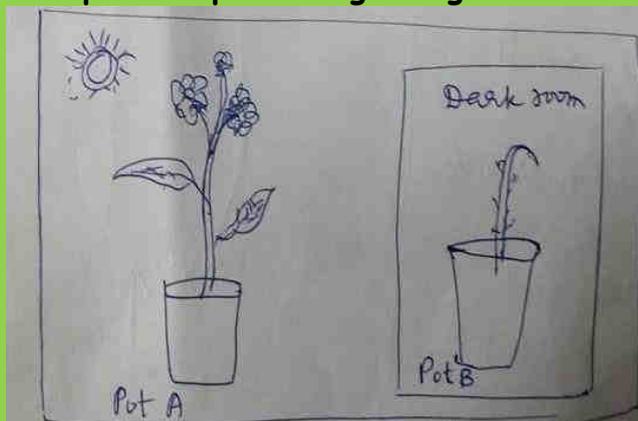


- a) 1-stomatal opening, 2-guard cell b) 1-guard cell, 2-stomatal opening
 c) 1- chloroplast, 2-guard cell d) 1- epidermal cell, 2- chloroplast

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

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

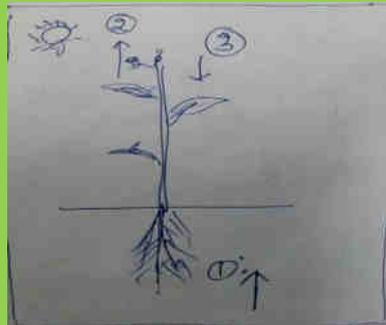
Anjali poured more water in pot A.

- 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:



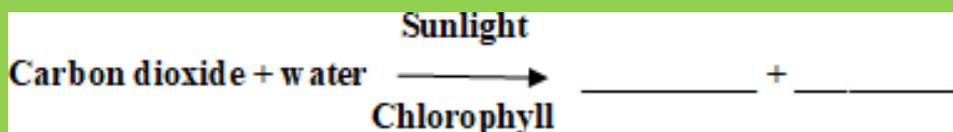
Arrow 2 in the given figure represents

- Release of oxygen into the atmosphere.
- Absorption of water & minerals by the roots from the soil.
- Release of water & minerals by the plant into soil.
- 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.

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

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



- Carbon, sunlight
- Carbohydrate, water
- Carbohydrate, oxygen
- Starch, water

विषय - हिंदी (व्याकरण)
अपठित गद्यांश (कार्य पत्रिका)

निम्न गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर दीजिए-

भारत एक कृषि प्रधान देश है। यहाँ की अर्थव्यवस्था मुख्य रूप से कृषि पर निर्भर है, इसलिए को चाहिए कि वह किसानों के हित के प्रति अधिक जागरूक हो। परन्तु स्थिति इससे उलट है। सबकी भूख मिटाने वाला किसान स्वयं भूखा है, पीड़ित है। सरकारी नीतियां नित्य उसके कष्टों की वृद्धि का कारण बनती जाती हैं। आज़ादी के 72वर्षों बाद भी आज भारतीय किसान आत्महत्या के मार्ग पर अग्रसर है। उससे ज़मीन छीनी जा रही है, उसे घर से बेघर किया जा रहा है। उसकी फसलों का मूल्य आसमान छू रहा है, परन्तु फिर भी वह अन्न के दाने - दाने को तरस रहा है। बिचौलिए उसे श्रम से उगाई गयी फसलों को कम कीमत में बेचने पर विवश कर देते हैं, जैसे ही फसल बिकी, कीमतें आसमान छूने लगती हैं। लूट खसोट का यह मायावी चक्र रचने वाले लोग सरकारी मशीनरी के साथ मिलीभगत करके किसान की हालत बद से बदतर बना देने में कोई कसर नहीं छोड़ते हैं।

प्रश्न-1 किसान के आत्महत्या जैसे कदम उठाने के क्या कारण हैं ?

उत्तर _____

प्रश्न-2 किसान की हालत बदतर कौन बनाता है ?

उत्तर _____

प्रश्न-3 'आसमान छूना' मुहावरे का अर्थ क्या है ?

उत्तर _____

प्रश्न-4 'आसमान' और 'घर' शब्दों के विलोम शब्द गद्यांश में से ढूंढकर लिखिए -

उत्तर _____

प्रश्न-5 उपरोक्त गद्यांश का सर्वाधिक उचित शीर्षक क्या है ?

उत्तर _____

सर्वनाम

अभ्यास कार्य

प्रश्न 1. निम्नलिखित वाक्यों के रेखांकित शब्दों में सर्वनाम का कौन-सा भेद है?

- (i) मैं अपना काम स्वयं कर लूँगा।
- (ii) आइए, आपका स्वागत है।
- (iii) प्रश्नों के उत्तर किसने याद नहीं किए?
- (iv) शायद कोई आ रहा है।
- (v) वे लोग नहीं जा रहे हैं।

प्रश्न 2. कोष्ठक में दिए गए सर्वनाम शब्दों के उचित रूप से रिक्त स्थानों की पूर्ति कीजिए-

- (i) दरवाज़ा खटखटा रहा है। (कौन)
- (ii) लाठी, उसकी भैंसा। (जो)
- (iii) मुझे टॉफी दी। (वह)
- (iv) पानी पिलाओ। (मैं)
- (v) सब कुछ बर्बाद हो गया। (उसे)

प्रश्न 3. सोचिए, समझिए और उपयुक्त जोड़े बनाइए-

- (i) वह प्रश्नवाचक सर्वनाम
- (ii) कुछ निजवाचक सर्वनाम
- (iii) क्या अन्य पुरुषवाचक सर्वनाम
- (iv) तुम अनिश्चयवाचक सर्वनाम
- (v) स्वयं उत्तम पुरुष सर्वनाम
- (vi) मैं मध्यम पुरुष सर्वनाम

प्रश्न 4. निम्नलिखित वाक्यों को शुद्ध करके लिखिए-

- (i) वे मेरे साथ बैठता है।
- (ii) उसका नाम मेरे को मालूम नहीं।
- (iii) मैं उससे बात कर लिया।
- (iv) तुम कौन के साथ खेलोगे?

CH-2 INSIDE
OUR EARTH
Worksheet-1

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

maze given below:

FDDHAFKFLSLATEERPROEIREWIRYSANDSTONEEOREWOPJFNDNLJFSLFJK

DFJSLWEOIERFSLNIEEYADIAMONDJSUWPWEIGTHOCEANICSEVENTHBA

CKSPACECRAZYCRUSTHOOTEROOTPRESSRUGRANITEBILLANTELOPELA

MPOLELIGHTORANGEMAGMACCOKEKUOLECOALHEAVYHIGHCHIZYBA

SALTPUTONGREYSADDLEBETWEENSEDIMENTARYREADYRECKONERDES

KBEETELINTELCOREENTERIRONORESHIFTTOTALROUND OFFMARBLECO

NTAINDIFFERENCEIGNEOUSROCKSPAIDVESSEL CREDITLITHOSPHERE

DVELVETCREMECAVITYLIMESTONEBAGCAMEGREENMETAMORPHICLC

DCROSSROPEDJJHOWEIPQJPQDNAUEBKOKITE

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

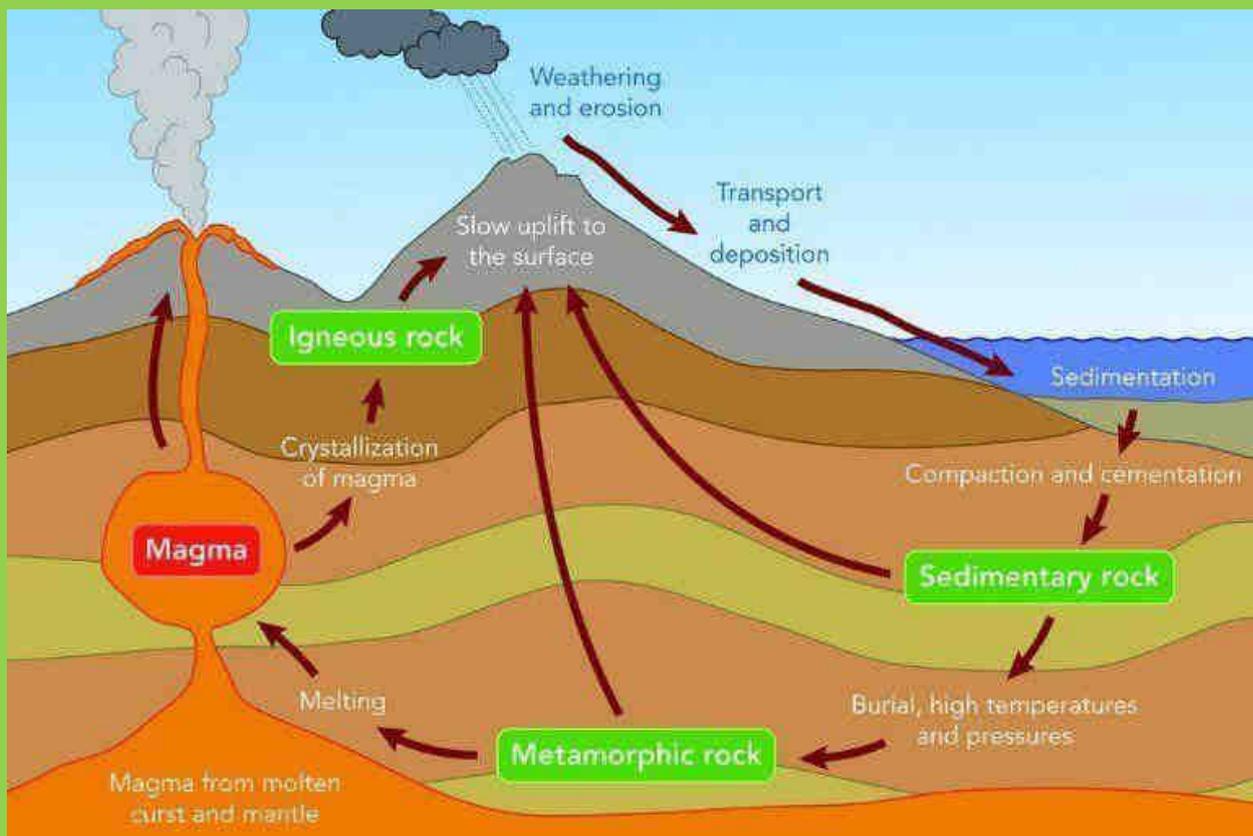
10. _____

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



Ch-2 The role of Government in Health WORKHEET-2

Q.1) Fill in the blanks: -

- a) Barely____% of the population can afford all medicines.
- b) The public health service is a chain of health centers and _____
run by the _____.
- c) India is the _____ largest producer of medicines in the world.
- d) Half of the children in India do not get food to eat and are _____.
- e) People in rural areas have to travel long distances to reach a _____.
- f) The number of doctors with respect to the population is much _____ in rural areas.

Q.2) Answer the following questions;

- i. Define health in broader perspective.
- ii. What do people in democratic country expect from the government?
How can the government achieve this ?
- iii. What are communicable diseases. Give examples
- iv. What do you mean by the public health care system?
- v. Compare public health service with those of private health services.
- vi. What major changes were made by Kerala government in the state in 1996?
- vii. Suggest measures to improve health care services in India.
- viii. State one constitutional provision related to health.
- ix. Discuss the approach of Costa Rica on the issue of health
- x. State some vital facts to prove that India has the necessary infrastructure for a good health care system.

Q.3) Give full forms:

- a) RMP _____
- b) OPD _____
- c) CGHS _____