Radiant Central Children Academy

Jalalpur-Ambedkar Nagar

Summer Vacation
Homework

Class : I

1. Write 10 pages cursive handwriting in your notebook.
2. List up 15 things you want to do this summer. Ex. - <u>I want to visit the waterpark.</u>
3. Make flashcards of small and capital letters for phonics. (Do use hard paper for a long purpose)
4. Write a paragraph in about 70 words on 'How you spent your Summer holidays'.
5. Write two examples for each type of sentences – Affirmative, Interrogative, Imperative, Exclamatory.
6. Use each of the following words in sentences. One is done for you.
   Think – I think it may rain today.
   Cream, Groundnut, Throw, Cart, Joyful, Sound, Hard
7. Tell the opposites of the following words. One is done for you.
   Happy ☺   Sad ☹ , Day, Tall, Many, Fat, Right, Front, Clean, Heavy
8. List up the ingredients and write the process to make the following dishes.
   Idli Sambhar
   Kheer
9. Complete the following sentences.
   - People play Holi _____
   - I like books because_____
   - The water is _____
   - Arunima is playing_____
   - Diwali is celebrated_____
   - _____ in the park
   - _____ near the window
   - _____ on the table.
   - _____ library.
   - _____ during winters.
10. Old is gold. Take the help of your parents and list down the names of the old evergreen songs consisting of the following words in between.
    - Life (Zindagi)
    - Sky (Aasmaan)
    - Colours (Rang)
    - Friendship (Dosti)
    - Game (Khel)
    - Prayer (Dua)
    - Evening (Shaam)
    - Memories (Yaade)
    - Letter (Chitthi)
    - World (Duniya)
11. Write 15 sentences you use in your daily conversation.
12. Draw your favourite character from your Marigold Book and write a paragraph on it in about 70 words.
13. Draw the following products and write slogans on it. (any two)
    Dettol Soap, Colgate toothpaste, Vim Bar, Maggi , Parle G
14. Why are you so special? Write a paragraph in about 70 words to describe your specialty.
15. Make a paper bag and an envelope using old newspapers or waste papers. Use it to keep your flashcards and important papers.

Mathematics 5

1. There are seven balls with following numbers written on them.

9 4 0 5 3 7 1

Rearrange the balls to form numbers according to the clues:
   I. Make six numbers that are less than 54,00,000.
   II. Form five numbers that are more than 40,00,000.
   III. Form the smallest number using all digits.
   IV. Make five odd numbers that are less than 50,00,000**.**

2.Here are some important events that happened in the history of India. Rewrite the events in Roman numerals.
   I. The first struggle for independence day – 1857 - _____
   II. Mahatma Gandhi was born   1869- _____
   III. The famous Dandi March   1930 - _____
   IV. Independent India   1947 - _____
   V. War with China   1962 - _____
   VI. Bangladesh was formed   1971 - _____
   VII. Rajiv Gandhi assassinated   1991 - _____

VIII.   Kargil war   1999- _____

3. If the alphabets A, E and T represents numbers 10,   100 and 1000 respectively, then arrange the digits in

ATE = 101000100

EAT =

TEA =

And decide which is the largest number?

4. Our Solar System has the Sun at the centre with eight planets revolving around it.

Find the distance of each planet from the Sun.

Now write the following in figures as well as in words.

a) Distance between earth and Jupiter

b) Distance between Earth and Mars

c) Distance between Saturn and Neptune**.**

5. **Mrs Khosla recorded the number of visitors to the trade fair for a few days. Help her to answer the following questions.**

> **Monday ----------------- 2, 41, 530**
> **Tuesday -----------------2, 59, 082**
> **Wednesday ------------- 1, 89, 563**
> **Thursday -------------1, 83, 970**
> **Friday -------------------**
> **Saturday -----------------**
> **Sunday --------------------**

1.   How many more visitors came on Tuesday than Monday?
2.   If 2660 fewer people are expected to come on Friday than Thursday, how many visitors are expected on Friday?
3.   If the number of visitors on Sunday and Monday together was 5,00,489, how many visitors came on Monday?
4.   Wednesday saw 5595 more visitors than on Thursday. True or False?
5.   On which day did the maximum number of visitors come?
6.   **Fill in the blanks:**
     a) $1689 \times$ _____ 13×1689 b) $238 \times (430 \times 200) = (238 \times$ _____$) \times 200$
     c) $2573 \times 631 =$ _____ $\times 2573$ d) $4257 \times$ _____ $= 0$
     e) $9729 \times$ _____ $= 972900$ f) $1230 \times$ _____ $=1230 \times 100 - 1230$.
     g) $4610 \times$ _____ $= 4610 \times 1000 + 4610$
     h) $6334 \times$ _____ $= 633400 + 6334$.
7.   **Find the following products using suitable property. (by 10, 100 or 1000)**
     a) $2341 \times 4 \times 25$ b) $2 \times 6345 \times 4$
     c) $9430 \times 250 \times 4$ d) $7000 \times 25 \times 4$
     e) $3530 \times 20 \times 5$ f) $10 \times 250 \times 4$
8.   **Find the quotient and remainder if any and check your answer.**
     a) $3642 \div 23$ b) $83003 \div 192$
     c) $1834 \div 43$ d) $7432 \div 99$
     e) $440045 \div 342$ f) $209923 \div 521$
 9. MENTAL MATHS
1. $799 + 51 =$ _____
2. $583 + 17 =$ _____
3.   21395, 31395, 41395, _____
4. $105 + 37 =$ _____
5.   50,00,000 is 1 less than _____
6.   7,00,000 is 1 more than _____
7. $25,550 + 450 =$ _____
8. $80000 + 5000 - 4000 =$ _____
9.   60,   51,   42,   33, _____
10. Take away 599 from 6000_____

10. WHAT DID THE BEACH SAY WHEN THE TIDE CAME IN?

To find the answer, first find each sum or difference. Use the decoder to find the letter that matches the answer and write the letter in the space below.

93582 + 67158 160740	141286 + 183192	568952 + 405458	201020 - 98562
L			

Decoder
A- 734892
E- 157237
G- 102458
I- 16023
L- 160740
M- 44899
N- 974410
O- 324478
S- 241950
T- 61684

70000 - 8316	25879 - 9856	131051 86152	87385 + 69852

958628 +15782	137027 + 187451	362000 -120050	35895 +121342	831952 - 97060

11. MENTAL MATHS

1. $799 + 51 =$ _____
2. $583 + 17 =$ _____
3. 21395, 31395, 41395, _____
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7. $25{,}550 + 450 =$ _____
8. $80000 + 5000 - 4000 =$ _____
9. 60, 51, 42, 33, _____
10. Take away 599 from 6000_____

12. Explore consecutive numbers.

A) Take 3 consecutive numbers   5, 6, 7
Multiply the middle number by itself $6 \times 6 = 36$
Multiply the remaining two numbers $5 \times 7 = 35$
The difference is 1. $(36 - 35 = 1)$

Do the same with these consecutive numbers.

     a) 3, 4, 5   b) 2, 3, 4   c) 6, 7, 8   d) 7, 8, 9

B) Do the same with three consecutive odd numbers and three consecutive even numbers.
What do you notice?

13. A) Look at the pattern and take this forward

$(0 \times 9) + 1 =$ 1
$(1 \times 9) + 2 =$ 11
$(12 \times 9) + 3 =$ 111
$(123 \times 9) + 4 =$ _____
$(1234 \times 9) + 5 =$ _____
$(12345 \times 9) + 6 =$ _____

B) Each letter a, b, c here stands for a number.

```
        a a a
    ×   a a a
        a a a
      a a a 0
    a a a a 0
    a b c b a
```

Take a = 1 then find what the numbers b and c will be?

14. TRICK WITH YOUR AGE

Write your age _____

Multiply it by 7 _____

Again multiply the answer by 13 _____

Again multiply that answer by 11 _____

Now look at your last answer. Can you find your age in that answer?

How many times does your age show in the answer?

Now try this trick with other people.

विषय-हिन्दी

❖ गृहकार्य-1

1. प्रस्तुत गद्यांश को पढ़कर नीचे दिए गए प्रश्नों के उत्तर लिखिए –

नई कैसेट का विमोचन

प्रसिद्ध कम्पनी 'वीणा' ने सुमधुर गीतों की कैसेट 'वतन ये हमारा हिंदुस्तान' जारी की है। पिछले दिनों इस एलबम का विमोचन करते हुए काँग्रेस अध्यक्ष श्रीमती सोनिया गांधी ने कहा कि 'ये गीत विशेषताः बच्चों में एक दूसरे के प्रति घृणा का त्याग कर आपसी भाईचारे, सद्भाव और देशभक्ति का नया भाव पैदा करेंगे। गीतों का यह एलबम सी.डी. के रूप में भी उपलब्ध है। इस कैसेट में निर्मल मिश्र के 'वतन ये हमारा'; श्यामलाल गुप्त के 'विजयी विश्व तिरंगा प्यारा';इकबाल के 'सारे जहाँ से अच्छा'; बंकिमचंद्र चटर्जी के 'वन्दे मातरम्, सरस्वती कुमार 'दीपक' के 'चलना है नौजवान' सहित एस. एन.सुब्बाराव के प्रिय गीत 'करना है हमें नव भारत का निर्माण' एवं डा. गिरजाकुमार माथुर द्वारा अनूदित 'हम होंगे कामयाब' जैसे लोकप्रिय गीत भी शामिल हैं।

मूल्य : 60/-
प्राप्तिस्थानः
'वीणा', भारती कैसेट उद्योग,
हल्दिया हाऊस, जौहरी बाजार,
जयपुर (राजस्थान)

क. इस समाचार के अनुसार कैसेट में किस प्रकार के गीत हैं ?

ख. 'विजयी विश्व तिरंगा प्यारा' गीत के रचयिता का नाम क्या है ?

ग. 'अनूदित' शब्द का क्या अर्थ है ?

घ. इस एलबम का विमोचन किसके द्वारा किया गया है ?

ड जयपुर की किस इमारत में कैसेट प्राप्ति का स्थान है ?

❖ गृहकार्य-2

1. प्रस्तुत गद्यांश को पढ़कर नीचे दिए गए प्रश्नों के उत्तर लिखिए –

उड़ाइए पैराशूट

कैसे बनाएँ –

* एक प्लास्टिक के टुकड़े को 14 इंच x 14 इंच के वर्ग में काट लें।
* पहले और मज़बूत धागे के 14 इंच लम्बे 4 टुकड़े लीजिए।
* प्लास्टिक के प्रत्येक कोने में धागे के इन टुकड़ों को एक-एक करके बाँध दीजिए।
* चारों धागों के दूसरे सिरों को आपस में एक गाँठ में बाँध दीजिए। ध्यान रखें जहाँ गाँठ बाँध रहे हैं वहाँ से प्रत्येक धागे की लम्बाई बराबर ही रहे।
* अब इन धागों की गाँठ से 6 इंच लम्बा एक धागा बाँध दें।
* इस धागे के निचले सिरे से पत्थर का एक टुकड़ा बाँध कर लटका दें। आपका पैराशूट तैयार है।
* अब पत्थर के टुकड़े वाले धागे को प्लास्टिक के टुकड़े में लपेटकर आसमान की ओर उछालें।
  देखें क्या होता है ? पैराशूट कैसे नीचे उतरता है ?

<u>सावधानी</u>– पैराशूट के ऊपर आसमान की ओर उछलते समय यह ध्यान रखें कि आप खुले स्थान में खड़े हुए हों जिससे किसी को चोट न लगे।

क. प्लास्टिक के एक टुकड़े का आकार कैसा होगा ?

ख. धागे के कितने इंच लंबे टुकड़े काटने होंगे ?
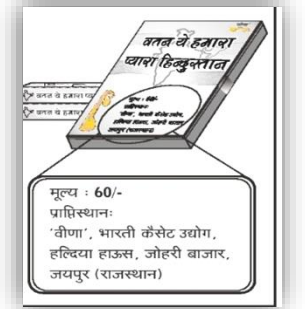
ग. चारों धागों में गाँठ बाँधते समय क्या बात ध्यान में रखनी है ?

घ. पाँचवें चरण में क्या करना है ?

ड सातवें चरण में पहले आपको क्या करना है ?

❖ गृहकार्य-3

1. हमारे आस-पास अनगिनत संज्ञा शब्द हैं। क्या आप सभी गिन सकते हैं ? नहीं न, तो अब आप

पाँच -पाँच संज्ञा शब्द जो गिने जा सकते हैं और जो नहीं गिने जा सकते हैं , उनके चित्र एकत्रित कीजिए और अपनी उत्तरपुस्तिका पर चिपकाइए ।

गिने जाने वाले संज्ञा शब्द
1.
2.
3.
4.
5.

न गिने जाने वाले संज्ञा शब्द
1.
2.
3.
4.
5.

❖ गृहकार्य-4

पहेलियाँ हल कीजिए -

क.
- ❖ तारीफ करने वाला
- ❖ बुराई करने वाला

क

ख.
- ❖ पढ़ा गया
- ❖ न पढ़ा गया

ठि

❖ गृहकार्य-5

1.अपने प्रिय खेल की किसी एक वस्तु का विज्ञापन तैयार कीजिए ।

❖ गृहकार्य-6

1. दिए गए शब्दों को एकवचन और बहुवचन की तरह वाक्य में प्रयुक्त कीजिए तथा जिस वाक्य में शब्द एकवचन की तरह प्रयुक्त हुए हों ,उसके सामने उस शब्द का एक चित्र और जिस वाक्य में बहुवचन की तरह प्रयुक्त हुए हों ,उसके सामने दो चित्र लगाइए।

क. घर ख. पेड़

❖ गृहकार्य-7

निम्नलिखित शब्द- पहेली से खोजकर चार शब्द और उसके विलोम लिखिए -

स	क	वि	ध	वा
ध	ल	न	अ	ज
वा	शि	ख	मू	श
त	अ	मू	ल्य	कु
अ	प	श	कु	न

(शब्द)   (विलोम)

1...................= ....

2...................= ....

3...................= ....

4...................= ....

❖ गृहकार्य-8

1. नीचे दिए गए शब्दों को चुनकर सही सूची बनाइए।

बैल ,सहेली,चिड़ा ,महारानी,भाभी,चुहिया,कुत्ता,पोती,सिंह,धोबी

स्त्रीलिंग	पुल्लिंग

❖ गृहकार्य-9

1. अपने देश के किन्हीं चार महान विभूतिया के चित्र उनके नाम के साथ पुल्लिंग और स्त्रीलिंग वर्ग बनाकर लगाइए ।

❖ गृहकार्य-10

1. निम्नलिखित संज्ञा और सर्वनाम शब्दों को अलग-अलग करके लिखिए ।

हम , चम्मच, हाथी, आप,जलेबी,नानाजी, मैं , पाठशाला,वे ,हम

(संज्ञा)   (सर्वनाम)

....

....

❖ गृहकार्य-11

1.सही क्रिया शब्द लिखकर वाक्य पूरा कीजिए।

> प्रकार,आएँगे,देखूँगा,पका,पिघल,पीक

क. मैं कल सिनेमा...........।   घ. राम दूध ....स्कूल गया।

ख. खानसामा मसालेदार सब्जी .....रहा है।   ङ. धूप में बर्फ ....रहा है।

ग. मेरे मामा दिल्ली से परसों ....।   च. दादी मुझे ज़ोर से ....रही हैं।

❖ गृहकार्य-12

1. सही अक्षर भर कर दिए गए शब्दों के समान अर्थ वाले (पर्यायवाची) शब्द बनाइए।

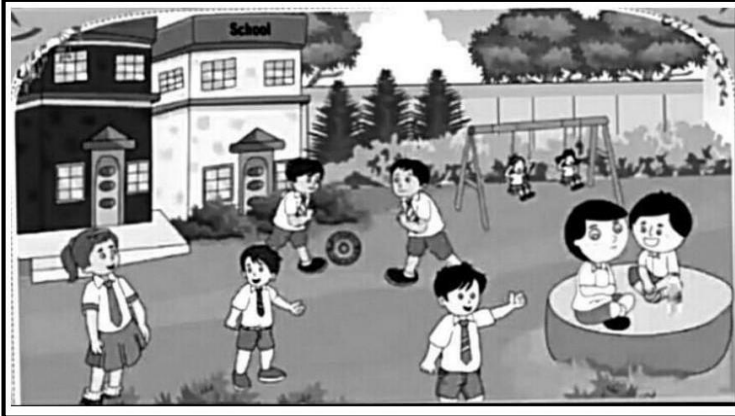| खून | | | त | देवता | | | र |
			त				र
कपड़ा			न	पत्थर	पा		
				न		पा		
रास्ता		थ		हिमालय			रा ज
		ह					रा ज

❖ गृहकार्य-13

1. दिए गए शब्दों के सुंदर चित्र बनाकर उनके लिए दो-दो समानार्थी शब्द लिखिए।

• फूल
• सूर्य

❖ गृहकार्य-14

1. चित्रावलोकन कर पाँच वाक्य लिखिए –

गृहकार्य –15

प्रश्न-अपनी सुलेख पुस्तिका में 10 पेज सुन्दर अक्षरों में सुलेख लिखिए।

CLASS-5 SCIENCE

1- Draw a flowering plant and label its different parts.

2. Fill in the blanks .   (leaves, stem, root, water, sunlight, flower)

i.   To grow, a plant needs _____ and _____.

ii.   The _____ on the plant helps to make seeds and fruit.

iii.   The _____ absorb the water and hold the plant in the soil.

iv.   The _____ use the sun and air to make food for the plant.

v.   The _____ brings water to the rest of the plant.

3. Fill in the blanks.

a. The _____ makes the food for the plant.

b. The part of the plant that acts like a straw to carry water from the roots to the leaves is the _____.

c. The _____ makes the seeds and fruit.

d.   All plants start as a _____.

e. The _____absorb water from the soil and help hold the plant in the soil.

4. Match the following.
   i.   Sycamore   Kharif crops
   ii.   Gram   Dispersed by animal
   iii.   Cotyledon   rabi crops
   iv.   Monsoon crops   Wind disperal
   v.   Cocklebur   Seed leaves
5. Classify these into correct categary of rabi and kharif crops.
      (rice, wheat, pea, gram, cotton, barley, maize, ground nut,)
6. Answer the following questions.
   i.   Which part of an egg provides nourishment to the developing embryo?
   ii.   Which part of an egg is rich in protein?
   iii.   Which part of an egg is rich in fat?
   iv.   Which form of butterfly changes into pupa?
   v.   What is spawn?
   7. Draw a well labelled colourful diagram of parts of an egg.

8. Read the passage and answer the questions given below.
   Disease is the condition of the body where a small or a large part of our body becomes unhealthy. Diseases that are not passed on from one person to another are called non- communicable diseases. Diseases that are passed on from one person to another by touch, sneezing, coughing etc. are called communicable diseases. Some communicable diseases are measles, chicken pox, tuberculosis, and common cold .These diseases are caused by harmful microbes. Microbes are organisms that are so small that we can not see them. We need special instruments called microscope to see them.
   i.   What do you understand by communicable diseases?
   ii.   What are microbes?
   iii.   Give two examples of communicable diseases.
   iv.   Name the instrument which is used to see the microbes.
   v.   What do you understand by non- communicable diseases?
9. Answer the following questions.
   i.   What is germination ?
   ii.   Which part of seed grows downwards?
   iii.   Which part of seed grows upwards?
   iv.   Give two examples of each.
   a. Reproduction occurs through root
   b. Reproduction occurs through stem
   c. Reproduction occurs through leaves
10. Fill in the blanks.
   i.   The process by which living organisms produce new organisms of their own kind is called_____.
   ii.   In Bryophyllum, reproduction occurs through _____.
   iii.   The _____ protects the seed.
   iv.   The outer covering of seed is called _____.
   v.   _____ store food for the baby plant.
11. Make a poster on 'Clean India and Green India' and write a slogan on it.
   12. Name five deficiency diseases and write their causes and symptoms in the following table.

S. No.	Communicable Diseases	Causes	Systems
1.			
2.			
3.			
4.			
5.			

   1. How can we prevent deficiency diseases?
13. Answer the following questions.
   i.   Give an example of carbohydrate rich food.
   ii.   Which nutrient is known as body building food?

iii. Give an example of protein.
iv. Night blindness is caused by lack of which vitamin?
v. Name any source in which vitamin c is found in rich amount.
vi. Name the disease caused by lack of iodine.
vii. Deficiency of which mineral anemia is caused?
viii. Name the female mosquito that can spread the germs of malaria.
ix. Name the mosquito that spreads dengue.

14. Answer in one word -
i. A deficiency disease that makes bones soft and weak_____
ii. A condition of body where a part of the body becomes unhealthy____

15. (a) Heera, a farmer would clear his field everyday, and burn dry leaves fallen on the ground. After
Sometime he found that those living in huts near his field were suffering from cough and breathing
problems.
i. Can you explain why?
ii. Also suggest an environment friendly way to dispose the dry leaves.
(b) Why should we not burn plastic items?
(c) Recently, a ban on plastic bags has been imposed in many places? Is the ban justified? Give reasons in
three sentences.

16. Write two examples for each of the following.
i. Protein rich food____ ____   iv. Communicable diseases ___ ____
ii. Food that can cause obesity__ ___   v. Life style Diseases _____ _____
iii. Food rich in roughage ____ ___
   1. Make a chart on balanced diet.

17. Identify who am I?
i. I am also called seed leaves.
ii. I protect the seed.
iii. I have seeds that look like wings.
iv. I am crops that are grown during the monsoon season.
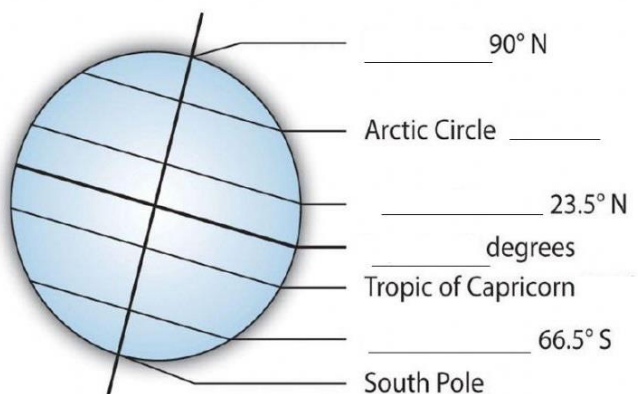v. I am seed has spikes and dispersed by animals.
   (Maple, Cocklebur, Seedcoat, Cotyledon, Kharif crops)

18. Make a model of life cycle of hen/butterfly by using clay, thermocol, coloured paper etc.(You can take
help from You Tube)

CLASS-5 (SOCIAL SCIENCE)

1. Observe the given picture carefully and mark missing latitudes.
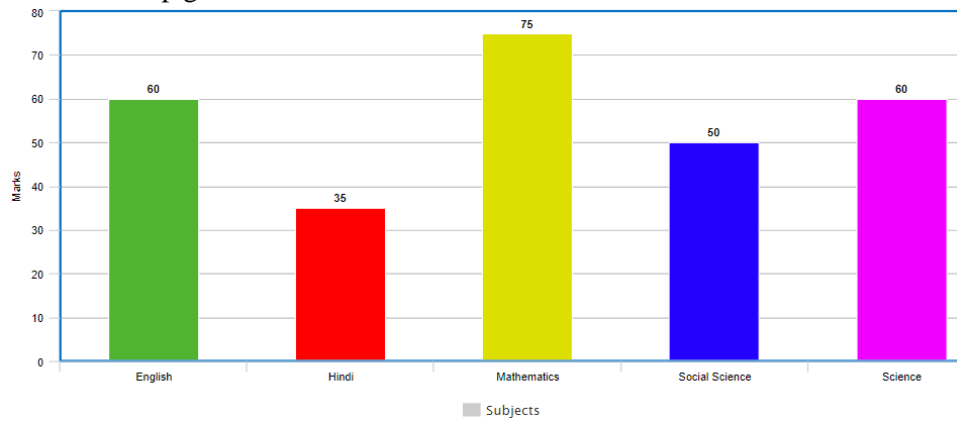

IMPORTANT LINES OF LATITUDE

_____ 90° N
Arctic Circle _____
_____ 23.5° N
_____ degrees
Tropic of Capricorn
_____ 66.5° S
South Pole _____

2. Refer to your atlas and find the location of the following states:
 a. Madhya Pradesh   b. Rajasthan   c. Himachal Pradesh   d. Sikkim   e. Kerala
3. Why does the length of parallels decreases towards the poles?

4. Look at map given below:-

Marks vs Subjects bar graph: English 60, Hindi 35, Mathematics 75, Social Science 50, Science 60.

Read it carefully and answer the following questions.

(i)What information does the bar graph give?

(ii)In which subject is the student very good?

(iii)In which subject is he poor?

(iv)What is the average of his marks?

5. On the outline map of India locate different landforms.

6. On the political map of India locate states and union territories.

7. Observe the world map in your atlas carefully and answer the following questions:

       a. Name the ocean lies in Northern Hemisphere.

       b. Which continent is bordered by the Arctic Ocean in the North America?

       c. Which continent is entirely located in the Northern Hemisphere?

       d. Which continent is entirely located in Southern Hemisphere?

       e. Which Ocean is completely surrounds the continent of Antarctica which lies in south pole?

8. Draw the image of temperature zones of the world.

9. On the political map of India locate any 7 famous monuments.

10. Make a collage of animals found in rainforest.

11. Fill in the blanks.

       a. The largest continent on earth _____.

       b. Famous snake found in South America_____.

       c. Beautiful Ocean_____.

       d. The imaginary horizontal line_____.

       e. The Smallest ocean_____.
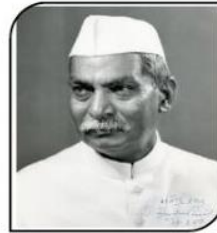
12.

I. Identify the famous personalities with the help of the given clues and match their names with their images.

Hint: I am the first Prime Minister of independent India.

Hint: I am one of the revolutionary leaders of British India.

Hint: I am the first President of independent India.

Hint: I was a brigade commander of the British troop patrolled in Jalandhar, Punjab in the year 1919. I am accountable for the Jallianwala Bagh Tragedy at Amritsar on April 13, 1919.

Hint: I am a political activist of British India. I earned the title 'The Nightingale of India'.

Hint: I am the founder of Indian National Army.

Dr. Rajendra Prasad	Netaji Subhash Chandra Bose	Sarojini Naidu
Pandit Jawaharlal Nehru	Bhagat Singh	General Dyer

13. What is your favourite memory from your last vacation? Write in 50 to 60 words.

14. If you become a Prime Minister of India What will u do?

15. Haish is a nature lover. He always wants to act in an eco-friendly way whereas **his brother is opposite to him.** His brother always throws daily wastes and garbage in open vacant space. What advise Harish should give to his brother to minimize the pollution.