

**Mount Litera Zee School, Hajipur|Sonpur**

**Worksheet- 1**

**Grade – 9**

**Sub – English**

- 1) Write one page handwriting in cursive. The handwriting should be clear enough for teacher to read with proper punctuations. (Please leave margin on the right hand side of the paper because it is used for marking during evaluation. Please make this a habit.)
- 2) . Read the passage carefully.

Swami Vivekananda is known for his inspiring speech at the Parliament of the world's religions at Chicago on 11 September, 1893, where he introduced Hindu philosophy to the West. But this was not the only contribution of the saint. He revealed the true foundation of India's unity as a nation. He taught how a nation with such a vast diversity can be bound together by a feeling of humanity and brotherhood. Vivekananda emphasised the points of drawbacks of western culture and the contribution of India to overcome those. Freedom fighter Netaji Subhash Chandra Bose once said: "Swamiji Harmonised the East and West, religion and science, past and present. Our countrymen have gained unprecedented self-respect, self-reliance and self-assertion from his teachings." Vivekananda was successful in constructing a virtual bridge between the culture of East and West. He interpreted the Hindu scriptures, philosophy and the way of life to the western people. He made them realise that inspite of poverty and backwardness, India has a great contribution to make to world culture. He played a key role in ending India's culture isolation from the rest of the world. He was also associated with Brahma Movement led by Keshab Chandra Sen, for sometimes. He also questioned the validity of superstitious customs and discrimination based on caste and religion. During this spiritual crisis, Vivekananda first heard about Sri Rama Krishna from William Hastie, the Principal of the Scottish Church College. One day in November 1881, Vivekananda went to Kali Temple in Dhakshineswar where Sri Ramakrishna was staying. He straightaway asked the Ramakrishna, "Sir, have you seen God?" Without a moment hesitation, Sri Ramakrishna replied : "Yes, I have seen. I see him as clearly as I see you, only in much deeper sense. "Vivekananda was surprised to hear it. Sri Ramakrishna won him over through his pure, unselfish love. Vivekananda started visiting Dhakshineswar frequently and the relationship of "Master and disciple" developed between the two.

Q. On the basis of your reading of the passage given above, answer the following questions. [8 x 1 = 8]

- a. Where did Swami Vivekananda showcase India to the world?
- b. What was the highlight of his address?
- c. What have Indians gained from his teachings?
- d. How did freedom fighter Netaji Subhash Chandra Bose appreciate Swami Vivekananda?
- e. What valuable interpretations did Swamiji make?

f. Swami Vivekananda was successful in constructing

(i) Brahmo movement

(ii) Dakshineswar

(iii) Kali temple

(iv) a cultural bridge between east and west

g. Swami Vivekananda questioned the usefulness of

(i) religion (ii) superstitions

(iii) respect (iv) spiritual crisis

h. Sri Ramakrishna finally won over Vivekananda with

i. Vivekananda went through a \_\_\_\_\_ before he met Sri Ramakrishna

DAILY ASSIGNMENT FOR STUDENTS OF CLASS 9: Dated 31.03.20

1) Write one page handwriting in cursive. The handwriting should be clear enough for teacher to read with proper punctuations. (Please leave margin on the right hand side of the paper because it is used for marking during evaluation. Please make this a habit.)

2) Read the passage Carefully.

1. Children in India live in diverse circumstances and have diverse needs and rights. Along with their need to be educated, healthy and skillful, they need, and have rights to adequate nutrition, to live in a safe and supportive environment, have opportunities to reach their optimal , potential and generally lead healthy, joyful and fulfilling lives so that they can be productive and well adjusted citizens of tomorrow.

2. Children in our country face many challenges. Many of them are first generation learners and face myriad problems throughout their schooling. They, due to the socio-economic and cultural determinants may be vulnerable in many ways. Peer pressure and lack of positive role models may prompt them to make unsafe and unhealthy choices. Anxiety and depression amongst the students, to the point of turning them suicidal, have been a cause of concern in the recent past.

3. Girls are more vulnerable and face discrimination at many levels from being unwelcome since birth to being pulled out of school for a variety of reasons. Dropping out of school, low motivation for academics and general disinterest in sports and physical activities too are some of the problems that need to be addressed. Child malnutrition is rampant in most parts of the country. This has an adverse bearing on their cognitive capacities, learning performance and physical capacity.

4. Our children have a right to age appropriate education, skills building, a safe and supportive environment, positive role models, empowerment, and friendly health services and counseling. Well informed and skilled children are likely to make better decisions concerning not only their careers and relationships, habits, physical and mental health, but will be successful and an asset to the society.

5. They also need to understand and deal with emerging issues like newly available career choices, pollution, water and energy conservation, global warming, protection of environment, terrorism and disasters. Dealing with anxiety and depression, negative peer pressure, violence, accidents, are some other

significant issues that impact individual's health and also the social, economic and health indicators of the country. Gender sensitivity, prevention of female infanticide and good parenting are some important social issues that all children need to understand. Children require guidance and assistance- both covert and overt- from their parents, teachers, peers and society in general to complete the various "tasks" of development and deal with such issues.

Q 2.1. On the basis of your reading of the above extract, answer the following questions in 30-40 words each:

- a. What makes girls' lives more challenging?
- b. How does malnutrition affect the children?
- c. How are well informed children better than the other children?
- d. What are the social issues which the children have to deal with?
- e. What can children expect while dealing with various social issues?

2.2 On the basis of your reading of the above extract, answer the following: [4 x 1 = 4]

- a. Identify the meaning of the word 'a great number' (Para 2)
  - (i) vulnerable (ii) determinant
  - (iii) myriad (iv) peer pressure
- b. Identify a word which means same as "easily hurt". (Para 3)
  - (i) vulnerable (ii) discrimination
  - (iii) malnutrition (iv) motivation
- c. Identify a word which means the same as 'a valuable person or thing'. (Para 4)
  - (i) appropriate (ii) asset
  - (iii) adverse (iv) cognitive
- d. Identify a word which means the opposite of 'covered'. (Para 5)
- e. The antonym of sensitivity in para 5 is.

DAILY ASSIGNMENT FOR STUDENTS OF CLASS 10: Dated 01.04.2020

- 1) Write one page handwriting in cursive. The handwriting should be clear enough for teacher to read with proper punctuations. (Please leave margin on the right hand side of the paper because it is used for marking during evaluation. Please make this a habit.)
- 2) You are Ritivik/Rituja. Your neighbours are noisy and inconsiderate. Write a letter of complaint to the counselor of your area against the noisy neighbours. [100-150 words]

DAILY ASSIGNMENT FOR STUDENTS OF CLASS 10: Dated 02.04.2020

- 1) Write one page handwriting in cursive. The handwriting should be clear enough for teacher to read with proper punctuations. (Please leave margin on the right hand side of the paper because it is used for marking during evaluation. Please make this a habit.)
- 2) You are Arushi/Aman. You genuinely feel that 'Capital Punishment' in no way takes justice to its logical end. Using the information given in the input below, along with your own views, write a

letter to the editor of The Times of India advocating for the abolishment of Capital Punishment in India and abroad. Give at least three reasons to prove your point. [Word Limit: 100-120]

Hints: Legal system — still colonial — practices of blood for blood continue — capital punishment barbaric — state can't take away the life — aim of punishment reformative — can't take away right of redemption — life must be saved at all costs.

DAILY ASSIGNMENT FOR STUDENTS OF CLASS 10: Dated 03.04.2020

1) Write one page handwriting in cursive. The handwriting should be clear enough for teacher to read with proper punctuations. (Please leave margin on the right hand side of the paper because it is used for marking during evaluation. Please make this a habit.)

2) Complete the following story- (150-200 words)

I am very fond of cycling. Rain attracts me .....

3) Complete the story with the help of outline hints given below.

Mamta left office — slung handbag over her shoulder — waited for the traffic to turn green — motorcycle with two boys leapt forward — they grabbed handbag — sped off — few seconds later — they crashed in to a tanker — hitting other vehicles on the road — lay motionless — traffic stopped — public rushed towards thieves — Mamta badly shaken with the incident.

Write the story in 150-200 words.

DAILY ASSIGNMENT FOR STUDENTS OF CLASS 10: Dated 04.04.2020

1) Write one page handwriting in cursive. The handwriting should be clear enough for teacher to read with proper punctuations. (Please leave margin on the right hand side of the paper because it is used for marking during evaluation. Please make this a habit.)

2) Fill in the blanks in the paragraph given below by choosing the most appropriate options from the ones that follow.

Faith in yourself, confidence that you can and ( a) succeed is the key to your success in any venture. If you Keep your mind riveted on your goal ( b) focus your thoughts on the great and splendid things you wish to have, you will find yourself unconsciously seizing ex ( c) opportunities that are required for the unfulfillment ( d) your desires. Confidence needs ( e) be built within our minds slowly with our hard work.

a. (i) shall (ii) can (iii) will (iv) would

b. (i) with (ii) and (iii) but (iv) will

c. (i) down (ii) upon (iii) on (iv) this

d. (i) or (ii) if (iii) of (iv) is

e. (i) and (ii) or (iii) will (iv) to

3) The following paragraph has not been edited. There is one error in each line. Write the incorrect word and the correction in your answer sheet against the correct blank number.

Kashmir valley was considered to / heaven e.g. to be heaven

on earth. Sadly it come to be known as a valley of violence today. With increase in terrorist violence other unlawful activities tourism in the state greatly suffered.

People avoid travelling to Kashmir what they read in the newspapers scare them away.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_

4) Rearrange the following words/phrases to form meaningful sentences. Attempt any four.

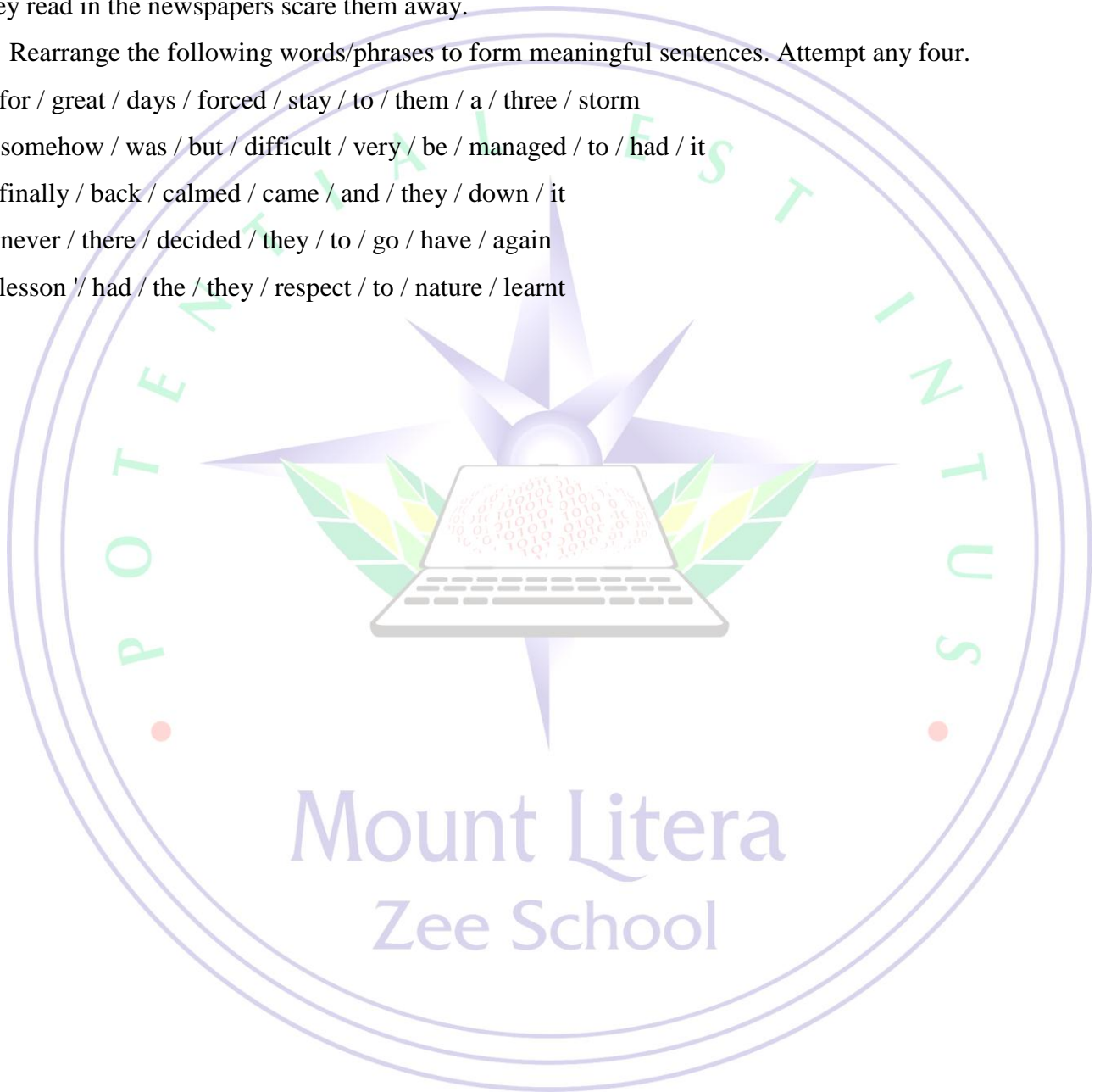
a. for / great / days / forced / stay / to / them / a / three / storm

b. somehow / was / but / difficult / very / be / managed / to / had / it

c. finally / back / calmed / came / and / they / down / it

d. never / there / decided / they / to / go / have / again

e. lesson / had / the / they / respect / to / nature / learnt



Day – 1

1. राष्ट्र के प्रति विद्यार्थियों के कर्तव्य पर एक अनुच्छेद लिखें। ( 80-100 शब्दों में)
2. स्थानांतरण प्रमाणपत्र के लिए अपने विद्यालय के प्रधानाचार्य को एक प्रार्थना पत्र लिखिए।
3. आप हिन्दी छात्र परिषद के सचिव प्रगण्य हैं। आगामी सांस्कृतिक संध्या के बारे में अनुभागीय दीवार पट्टिका के लिए 25-30 शब्दों में सूचना तैयार कीजिए।
4. विवाह समारोह में भाग लेने के लिए परिवार के सदस्यों के बीच संवाद लिखिए।
5. आप एक योग प्रशिक्षण केन्द्र खोलना चाहते हैं। इस संबंध में युवाओं को आकर्षित करने वाला एक विज्ञापन तैयार कीजिए।

Day – 2

1. 'वन और पर्यावरण का संबंध' विषय पर लगभग 80-100 शब्दों में एक अनुच्छेद लिखिए।
2. विद्यालय द्वारा आर्थिक सहायता पाने हेतु प्रधानाचार्य को एक प्रार्थना पत्र लिखिए।
3. आपके विद्यालय के वार्षिक उत्सव में नाटक मंचन हेतु एक सूचना तैयार कीजिए।
4. बढ़ती हुई महंगाई की चर्चा करते हुए सब्जीवाले और ग्राहक के बीच वार्तालाप लिखिए।
5. 'अमृत डेयरी' अपने उत्पादों की बिक्री बढ़ाने के लिए एक विज्ञापन तैयार करवाना चाहते हैं। इस संबंध में एक विज्ञापन तैयार कीजिए।

Day - 3

1. 'कोरोना वायरस से उत्पन्न समस्या' विषय पर लगभग 80-100 शब्दों में एक अनुच्छेद लिखिए।
2. स्वास्थ्य अधिकारी को अपनी कॉलोनी की सफाई व्यवस्था की ओर ध्यान दिलाने हेतु एक प्रार्थना पत्र लिखिए।

3. आप माउंट लिटरा जी स्कूल, पटना में हिन्दी साहित्य समिति के सचिव हैं। आपके विद्यालय में आयोजित दोहा गायन प्रतियोगिता के लिए विद्यार्थियों को आमंत्रित करते हुए एक सूचना पत्र लिखिए।
4. दो मित्रों के बीच जीवन लक्ष्य को लेकर संवाद लिखिए।
5. आपने अपना नया कंप्यूटर प्रशिक्षण केंद्र खोला है। यहां प्रवेश लेने के लिए शिक्षार्थी आकर्षित हो, इसके लिए एक विज्ञापन तैयार कीजिए।

#### Day - 4

1. 'ग्लोबल वार्मिंग' विषय पर लगभग 80-100 शब्दों में अनुच्छेद लिखिए।
2. जिलाधिकारी को जिले की बिगड़ती कानून-व्यवस्था की जानकारी देते हुए एक पत्र लिखिए।
3. आप डी० ए० वी० पब्लिक स्कूल, चंडीगढ़ के छात्र राघव मेहरा हैं। विद्यालय में आपका परीक्षा प्रवेश-पत्र गुम हो गया है। इस विषय पर 20-30 शब्दों में सूचना लिखिए।
4. किसी क्रिकेट टूर्नामेंट को लेकर चर्चा करते हुए दो मित्रों के बीच संवाद लिखिए।
5. 'एक्सेल मोबाइल' फोन बनाने वाली कंपनी के लिए एक विज्ञापन तैयार कीजिए।

#### Day - 5

1. 'कंप्यूटर एक जादुई पिटारा' विषय पर 80-100 शब्दों में अनुच्छेद लिखिए।
2. आपके शहर में ध्वनि प्रदूषण रोकने हेतु पुलिस थाना अध्यक्ष को एक पत्र लिखिए।
3. विद्यालय में छुट्टी के दिनों में भी प्रातःकाल में योग की अभ्यास कक्षाएं चलने की सूचना देते हुए इच्छुक विद्यार्थियों द्वारा अपना नाम देने हेतु सूचना-पट्ट के लिए एक सूचना लगभग 30 शब्दों में लिखिए।
4. पूरे देश में हो रहे 'लॉकडाउन' विषय पर चर्चा करते हुए पिता और पुत्र के बीच संवाद लिखिए।
5. 'स्वादिष्ट अचार' बनाने वाली कंपनी के लिए एक विज्ञापन तैयार कीजिए।

Worksheet- 1

Grade – 9

Sub – Mathematics

Day 1

Solve the following system of equations by using the method of substitution, elimination and cross multiplication. And also draw the graphs for following equations

1.  $11x + 15y + 23 = 0$

$7x - 2y - 20 = 0$

2.  $0.4x + 0.3y = 1.7$

$0.7x - 0.2y = 0.8$

3.  $\frac{6}{x+y} = \frac{7}{x-y} + 3$   
 $\frac{1}{2(x+y)} = \frac{1}{3(x-y)}$

4.  $\frac{2}{x} + \frac{3}{y} = \frac{9}{xy}$   
 $\frac{4}{x} + \frac{9}{y} = \frac{21}{xy}$

5.  $99x + 101y = 499$

$101x + 99y = 501$

Day 2

Solve the following system of equations by using the method of substitution, elimination and cross multiplication.

1.  $x + 2y + 1 = 0$

$2x - 3y - 12 = 0$  (draw the graph)

2.  $ax + by = a - b$

$bx - ay = a + b$

3.  $\frac{x}{a} + \frac{y}{b} = a + b$

$\frac{x}{a*a} + \frac{y}{b*b} = 2$

4.  $\frac{ax}{b} - \frac{by}{a} = a + b$

$ax - by = 2ab$

5.  $x + y = 5xy$

$3x + 2y = 13xy$  (draw the graph)

Day 3

Solve the following system of equations by graphically

1.  $x + y - 3 = 0$

$2x - 5y - 12 = 0$

2.  $2x + y = 3$

$2x - 3y = 7$



3.  $x + y = 4$

$2x - 3y = 3$

4.  $x - 2y = 5$

$3x - 6y = 15$

5.  $2y - x = 9$

$6y - 3x = 21$



**Mount Litera Zee School, Hajipur|Sonpur**

**Worksheet- 1**

**Grade – 9**

**Sub – Science**

1. Explain displacement reaction with the help of an activity.
2. Explain the reaction of non-metals with oxygen with the help of an activity .
3. Write the uses of metals and non-metals.
4. Write the difference between metals and non-metals on the basis of their physical properties.
5. Name two most ductile metals.
6. Sodium is stored in kerosene. Why?
7. What are oxides? Write the nature of metallic and non-metallic oxides.
8. Explain displacement reaction with the help of an example.

**Day 2**

9. Explain the reactions of metals and non-metals with (i) Acids (ii) Air (iii) Water.
10. Write the uses of metals and non-metals in our daily life.
11. What happens when a solution of metals oxide is tested with (i) blue litmus and (ii) red litmus?
12. What happens when sodium reacts with water?
13. Why is sodium stored in kerosene?
14. What happens when a metal reacts with acids?
15. Have you ever seen a blacksmith beating an iron piece? Do you find a change in the shape of these pieces on beating? Would you expect a similar change in wood log on beating?
16. What is malleability? Name two most malleable metals.

**Day 3**

17. What happens when samples of metals and non-metals are mixed with acids?
18. Write the uses of metals and non-metals.
19. Write the difference between metals and non-metals on the basis of their physical properties.
20. Compare the metals and non-metals on the basis of their chemical properties.
21. When can you see chromosome?
22. Why are chromosomes called ‘hereditary vehicles ‘?
23. Which cell organelle is called ‘power house of the cell’? why heart muscles never get fatigue ?
24. Draw a well labeled diagram of animal cell.

**Day 4**

25. What is the function of centriole? How higher plant cells divide?
26. What is nucleus? Describe its various parts.
27. Draw a well labeled diagram of plant cell.
28. State the difference between plant cell and animal cell.

29. What do you think about viruses? Is it a cell or not.
30. Draw a well labeled diagram of nerve cell. Why nerve cell do not divide?
31. Write two similarities between following pair
  - Birds and mammals
  - Amphibians and reptiles
32. Why making anti-viral drug is difficult?

#### Day 5

33. Define antigen, antibody and immunity.
34. What will happen if bone marrow is destroyed?
35. Why fungi are not considered as plants?
36. State one function of each
 

RBC	WBC	Platelets
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37. Draw a well labeled diagram of mitochondria. State two function of mitochondria.
38. Why is sodium chloride soluble in water but not soluble in kerosene?
39. Give reasons for the following

School bells are made up of metals.                      Electric wires are made up of copper.

40. What happens to potassium and sodium if they are kept in open? Why are they immersed in kerosene?

#### Day 6

41. Why hydrogen gas is not evolved when a metal reacts with nitric acid?
42. Why do ionic compounds have high melting points?
43. What happens when a piece of calcium is dropped in water?
44. Difference between metal and non-metal.
45. Most metals conduct electricity well, why?
46. What are the ionic compounds? List two properties of these compounds.
47. Differentiate between roasting and calcinations.
48. What happens when sodium is kept exposed in air?

#### Day 7

49. Define an alloy. How is an alloy prepared?
50. Define Amphoteric oxides. Give two examples of such oxides.
51. Explain why calcium meta after reacting with water starts floating on its surface? Write the chemical equation for the reaction.
52. What were the limitations of Dobereiner's classification ?
53. What were the limitations of Newland's law of octave?
54. How modern periodic table difference from Mendeleev's periodic table?
55. Why do we classify elements?
56. Why did Mendeleev's leave some gaps in the table?

chapter -1

1. Explain the relationship between fare and free election in democracy.
2. Why are china, Estonia and Saudi Arabia not truly democratic countries? State one reason for each one of them
3. Mention three essentials features of democracy.
4. “Democracy is of the people for the people and the people” explain how the people are rulers in a democracy.
5. Is china is a democratic country or not? Give two arguments in favor of your answer.

