



OPEN MINDS - A BIRLA SCHOOL, KANKARBAGH
BRAHAMPUR, JAGANPURA, PS-RAMKRISHNA NAGAR,
KANKARBAGH, PATNA

MONTH ASSIGNMENT 2016

GRADE - 5

English Language Arts (ELA)

1. Write an essay on the following topics in 100-150 words:-
 - a. A place that is special to you.
 - b. If you had power what would you do with it.
 - c. A Person you admire.
2. Write a paragraph on the following topics in 60-80 words:-
 - a. Friendship
 - b. Hobby
 - c. A cartoon character that I like.
 - d. My Birthday.
3. Letter Writing:-

Formal Letters:-

 - a. Write an application to the Principal of your school asking him to arrange extra classes of English in the summer vacation.
 - b. Write an application to your class teacher regarding your absence from the class for one week due to fever.
 - c. Write an application to the Cultural Secretary of your school for participating in the drama competition to be held in your school annual function.
 - d. Write a thanks giving letter to the Principal of your school for organising a school trip.

Informal Letters:-

 - a. You are residing in your school hostel. Write a letter to your father asking him for extra money to attend a summer camp organised by your school.
 - b. Write a letter to your friend about the interesting places in your hometown.
 - c. Write a letter to your grandparents to invite them to join you in your cousin's wedding.
4. Grammar:-
 - I. Verb Phrase: A verb phrase is a group of related words that contain one or more helping verbs and a main verb. For example- He has eaten his lunch.

Practice Exercise: Identify the verb phrase in each of these sentences:-

 - a. He has forgotten your name.
 - b. Sam is not going to the dance.
 - c. Neha should have mowed the lawn today.
 - d. Theresa will be playing her clarinet at the concert tonight.
 - e. Rosie could have worked on that project today.
 - f. Tony and Jim have been chosen as finalists at the science fair.
 - g. I will be going to my aunt's place.
 - h. My grandmother has carefully repaired the broken vase.
 - i. Maria will leave for New York on Wednesday.
 - j. Dorothy has brought an ice-cream.

- iv. Write the antonyms of the following words:-
- | | |
|-----------------|--------------|
| a. responsible- | b. attract- |
| c. nervous- | d. generous- |
| e. attack- | |

5. Literature:-

- i. Very-short answers:-
- Where did Rusty's grandparents live?
 - Who is Rusty?
 - From where did Grandfather buy Toto?
 - Who were Timothy's best friends?
 - Who is the author of The Adventures of Rusty?
- ii. Short answers:-
- Who was Timothy?
 - How did Toto die and where was he buried?
 - What did the people think about the peepul tree?
 - How was Tutu's behavior ?
- iii. Long answers:-
- Describe Toto.
 - Write the character sketch of Grandfather.

NOTE: - Prepare one poem of Elocution Contest that will be held post summer

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Information & Communication Technology (ICT)

1. Answer the following questions:
 - i. What is a computer? What are its main parts?
 - ii. What are peripheral devices? Name a few peripheral devices used in computer.
 - iii. How does a computer work? Explain it through an IPO cycle.
 - iv. List down a few areas where computers are used.
 - v. How a computer can be used as means of Entertainment.
 - vi. Write short notes on the usage of computers in Defence Services.
 - vii. What is Binary Code? What do you understand by the term Binary Digits?
 - viii. Make a memory representation chart of the memory units used in computer.
(8 bits = 1 byte etc.)
 - ix. Differentiate between Primary memory and Secondary memory through quoting proper examples.
 - x. What is the difference between RAM and ROM.
 - xi. Explain the various kinds of ROM in detail.
 - xii. What do you understand by the term Secondary memory? Why is it important to have Secondary memory?
 - xiii. Explain about the term Ergonomics.
 - xiv. Name a few Secondary data storage media and explain any two of them.
 - xv. What are Silicon Chips?
2. On a half chart paper, prepare a chart on Different applications of a computer.
3. Read Chapter 1 & 2 thoroughly and mark difficult words. Learn exercises and in between content from the chapters of the book. Learn notebook contents.
4. Make a PowerPoint Presentation on Computer Memory.

(Slides should contain detailed description of Primary Memory and Secondary Memory along with its various sub parts.)



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GRADE - 5

MATHEMATICS

1. Write the following in figures.
 - a) Six million, four hundred and eleven thousand, two hundred and sixty
 - b) Sixty-five million, one hundred and sixteen thousand, five hundred and five
 - c) Six hundred thousand, two hundred and fifteen
 - d) One hundred and sixteen million, One hundred and ten thousand, and thirty-nine
 - e) Fifty-five million, four hundred and sixty thousand, nine hundred and two
 - f) Eight million, three hundred and nineteen thousand, six hundred and twelve
 - g) Ninety thousand, four hundred and ten
 - h) Six hundred and twenty-five million, ten thousand, four hundred and sixty
 - i) Nine Million
 - j) Sixty-five million, fifty thousand and ten
2. Rewrite the following numbers placing comma (,) as per the International system as well as Indian system:
 - a) 124468
 - b) 342573
 - c) 7049879
 - d) 1465601
 - e) 821426430
 - f) 179672541
 - g) 600703807
 - h) 347283121
 - i) 160907803
 - j) 138943117
3. Write the following numbers in words in the Indian system:
 - a) 4,72,600
 - b) 11,52,583
 - c) 97,86,432
 - d) 1,28,71,007
 - e) 89,34,73,390
4. Write the following numbers in words:
 - a) 12,367,169
 - b) 5,305,832
 - c) 516,809,543
 - d) 623,092,391
 - e) 229,008,500
5. Write the 6-digit number:
 - a) $100,000 + 30,000 + 3,000 + 600 + 4$
 - b) $900,000 + 30,000 + 7,000 + 900 + 20 + 1$
 - c) $800,000 + 30,000 + 8,000 + 500 + 60 + 5$
 - d) $300,000 + 700 + 50 + 8$
 - e) $700,000 + 10,000 + 4,000 + 20 + 4$
 - f) $100,000 + 9,000 + 700 + 6$
 - g) $200,000 + 70,000 + 7,000 + 700 + 2$
 - h) $300,000 + 50,000 + 5,000 + 500 + 5$

16. You are traveling at a constant speed of 55 miles per hour. How long will it take to travel 220 miles?
17. Every classroom in a school contains 32 students. How many students would 5 classrooms hold?
18. A book contains 365 pages. You are currently on page 123. How much more do you have to read?
19. A taxi driver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs 45 per litre, how much did he spend in all on petrol?
20. Simplify the following:
- a) $18 - (9 \times 4) + 32 =$
 - b) $(12 \times 12) - (11 \times 12) =$
 - c) $9 + 30 - (5 \times 4) =$
 - d) $67 - (9 \times 5) =$
 - e) $(8 + 6) \times 4 =$
 - f) $8 \times 7 - 3 =$
 - g) $(4 \times 9) - (4 \times 8) =$
 - h) $56 - (5 \times 9) =$
 - i) $72 - (8 \times 7) + 9 =$
 - j) $(9 \times 8) + (9 \times 8) =$



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GRADE - 5

SCIENCE

1. Fill in the Blanks:

- i.are known as building blocks of matter. (Atoms/ Molecules)
- ii.is known as universal solvent. (Water/ air)
- iii. Liquids that dissolve in water are said to bein water. (miscible/immiscible)
- iv. Boiling is an example of change. (Physical/ chemical).
- v.has the strongest force of attraction between its molecules. (Milk/Stone)
- vi.gas dissolved in water is utilized by the aquatic animals for breathing. (CO₂/O₂).
- vii. Particles are tightly packed in..... . (solid/ liquid).
- viii.causes the particles to move faster. (heating/cooling)
- ix. The decrease in the size of matter on cooling is called..... . (contraction/ expansion)
- x. Changing of liquid into gas is called..... (condensation/evaporation)
- xi. has definite shape and volume. (solid/gas)
- xii. has definite volume. (solid/liquid)
- xiii. have least compressibility among all states of matter. (liquid/solids)
- xiv. is invisible and is all around us. (solid/ gas).
- xv. There are..... bones in an adult.(206/ 320)
- xvi. The framework of bones in our body is known as(skeleton/ muscles)

2. Write one word for the following :

- i. The longest bone in our body. _____
- ii. The process by which gas changes to a liquid. _____
- iii. The smallest bone in our body. _____
- iv. The process by which liquid changes to its solid form. _____
- v. The process by which solid directly changes into gas. _____

- vi. The process by which gas directly changes into solid. _____
- vii. One solid soluble in water. _____
- viii. One Liquid miscible in water. _____
- ix. Muscle present in the heart. _____
- x. Example of good conductor. _____

3. Answer the following questions:

- i. What is matter made up of ?
- ii. List any three processes to show that matter changes from one state to other.
- iii. What is thermal conductivity?
- iv. What is electrical conductivity? Explain with examples.
- v. Write two examples of magnetic substances.
- vi. What is an atom?
- vii. What are molecules?
- viii. Why the handles of vessels are made up of plastics?
- ix. Why combustion is considered as a chemical change?
- x. What is a skeleton system?

4. Differentiate between:

- i. Solid and Liquid.
- ii. Liquid and gas.
- iii. Solid and gas.
- iv. Reversible and Irreversible. - change
- v. Physical and chemical. - change
- vi. Miscible and Immiscible. - liquid
- vii. Conductor and Insulator.
- viii. Elements and compounds.
- ix. Compounds and mixtures.
- x. Atoms and molecules



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GRADE - 5

SOCIAL STUDIES

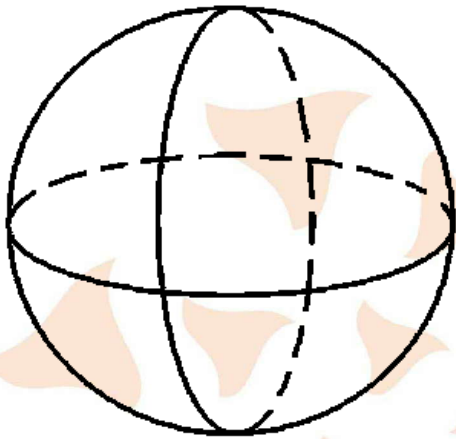
- Chapter :
1. Continents and Oceans
 2. Latitudes and Longitudes
 3. Movements of The Earth
 4. The Temperature Zones

Answer the following questions

1. Fill in the blanks:
 - i. The point at which longitudes join in the south is the _____ pole.
 - ii. The 0 degree longitude is known as the _____.
 - iii. The Tropic of Cancer lies at _____ North latitude.
 - iv. The climatic zones are also called _____ zones.
 - v. The amount of moisture in the air is known as _____.
 - vi. The climate in the areas near the sea is _____.
 - vii. The latitude of a place determines how much _____ the place receives.
 - viii. The main use for the grid of meridians and parallels is to _____ places.
 - ix. The _____ zone extends from the Tropic of Cancer to the Tropic of Capricorn.
2. Write true or false :
 - i. The Great Barrier Reef is in North America _____
 - ii. The two major parts of the Indian Ocean are the Bay of Bengal and the Arabian Sea _____
 - iii. The Java Trench lies in the Arctic Ocean. _____
 - xiv. Yellowstone national Park is in Asia. _____
3. Quick Quiz
 - i.. 'Eurasia' is a combined term used for which two continents? _____,
 - ii. Which canal separates continents of North America and South America? _____
 - iii. What percentage of the Earth does water cover? _____
 - iv. How much land area of our planet does Asia cover? _____
 - v. Mt. Mckinley's highest point is in which continent? _____
4. Match the following:

a) Days in a leap year	i. Spring
b) Days for a full revolution of the Earth	ii. 21 June
c) Summer solstice in the Northern Hemisphere	iii. 366
d) Two Movements of the Earth	iv. 365 ¼
	v. Revolution & Rotation

5. Name any 2 Harvest Festivals _____, _____
6. Name any two Temperature Zones _____, _____
7. Name the two poles of the Globe with their degrees _____, _____
8. Unscramble the following letters from the Topic Latitudes and Longitude
 - a) DINMERIA _____
 - b) ROEQTUA _____
9. Locate Prime Meridian, International Date line and Equator in the following figure (refer figure 2.4 of page 17 of textbook):



ANSWER THE FOLLOWING :

- i. Name the seven continents in ascending order of their size.
- ii. Name the four oceans of the world in the descending order of their size.
- iii. What do you understand by a "Hot Spring"?
- iv. Draw the different Climatic Zones from your text book. (Color it also)
- v. How is a Leap Year calculated?
- vi. How do we have Day and Night? Explain.
- vii. Draw the important lines of latitude.
- viii. 2016 is a leap year, when was the previous leap year and when will be the next leap year?
- ix. Which is the smallest continent in respect of area ? Describe its features.
- x. Which is the largest continent in respect of area ? Describe its features.
- xi. Which is the coldest continent? Why?
- xii. "Africa is surrounded by water ." Explain the statement.
- xiii. Which is the deepest trench in the world? Where is it located?
- xiv. What are glaciers? Name any two glaciers of India.
- xv. What is a Gulf? Give two examples.
- xvi. Why is the Torrid Zone hotter than the Temperate Zone?
- xvii. "The Torrid Zone contains many dense forests". Elucidate it.
- xviii. Which are the two important movements of the Earth? Describe them.
- xix. Write the extent of temperate zone.
- xx. Write about three cities of India that have different kinds of climate.



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HINDI

1. दिए गए विषय पर लगभग 50 से 60 शब्दों में एक अनुच्छेद अपनी व्याकरण की उत्तर पुस्तिका में लिखें।
विषय - 'मेरा प्रिय खिलौना'
2. एक अलग उत्तर पुस्तिका में प्रतिदिन एक पृष्ठ सुलेख लिखें।
3. संज्ञा एवं उसके भेदों की परिभाषा उदाहरण सहित व्याकरण की उत्तरपुस्तिका में लिखें। (व्याकरण लतिका-पेज नं-16 और 17 देखें)
4. अपनी कल्पना से एक सुंदर चित्र बनाकर उसके आधार पर एक छोटी-सी कहानी अपनी व्याकरण उत्तर पुस्तिका में लिखें और कहानी का शीर्षक भी लिखें। (उदाहरण के लिए व्याकरण लतिका - पृष्ठ संख्या-100 देखें)
5. हिन्दी साहित्य - वितान पाठ्य पुस्तक के पढ़ाए गए पाठों - 'ये पल जाते यहीं ठहर' और 'सुबह' के कठिन शब्द, शब्दार्थ एवं प्रश्नोत्तर याद करें।

GRADE - 5

SANSKRIT

1. 'वन्दना' पाठ को याद करें।
2. 'वन्दना' पाठ-1 के शब्दार्थ लिखकर याद करें।
3. लिंग एवं वचन के रूपों को याद करें।

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