



OPEN MINDS

A BIRLA SCHOOL
KANKARBAGH, PATNA



HOLIDAY HOMEWORK

SESSION : 2017-2018

GRADE 9

NAME : _____

SECTION : _____ **ROLL NO.** : _____

Name : _____

Grade & Sec : _____

GRADE - 9

English Language Arts {ELA}

To be done in a separate line thin single line notebook.

1. Write a book review in about 200 words of the book "Three Men in a Boat"
2. Write the following diary entries in about 120 words:
 - a. Imagine yourself as the 'Brook' and share your experience about the journey.
 - b. You are the grandmother. How did you feel when your granddaughter gave you the novel "Kashi Yatra"? Write your feelings.
 - c. You recently went to an adventure camp with your friends. Tell your diary about it.
 - d. You incidentally happened to meet your favorite writer in a Shopping Mall. Tell your diary what you spoke about.
 - e. Your father gifted you a smartphone for your birthday. Write your feelings.
3. Write the following articles in about 100 words:
 - a. You are Deepak/Deepika, head of the health club. Write an article highlighting the benefits of a balanced diet and regular exercise.
 - b. You are Suresh. Cell Phones have become an important part of your life. Write about its boons and banes.
 - c. You are Rohit/Meena. Life is boring without adventure. Write about it.
4. Write the following letters:
 - a. To the Principal asking him to organize summer camp in the school.
 - b. To Editor of the newspaper expressing your concern regarding the health hazards caused by junk food and its long lasting effects.
 - c. To the Bank Manager to stop the payment of a check issued by you.
 - d. To the Post Master enquiring about a missing parcel.
5. Answer the following questions:
 - a. Who wrote Kashi Yatre? In which form did it appear first?
 - b. What surprised the author the most when she came back from the village?
 - c. What was Kashi Yatre about?
 - d. How did the grandmother prove that she was a good student?
 - e. Did the grandmother accomplish her desire? How?
 - f. What is the message of the poem The Brook?
 - g. Why has the word 'chatter' been repeated in the poem?
 - h. Write two similarities between the brook and a human being.
 - i. What effect does the refrain in the poem 'The Brook' create?

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j. Why do you think Wordsworth has chosen the song of the nightingale and the cuckoo, for comparison with the solitary reaper?

6. Complete the paragraph using suitable words:

Children are individuals in _____ own right. They _____ a mind of their own and know _____ they want. _____ when adults deal _____ them, they have a condescending attitude _____ them. We often speak _____ having to go down _____ the level of a child, so that they can understand what we are saying. We forget that children understand very well and much better _____ we do and they are also very sensitive _____ everything that happens _____ them.

7. The following passage has not been edited. There is one error in each line. Underline each error and write your correction in the space provided:

- a. It is not official but the sports
- b. ministry has decision not to allow _____
- c. the Indian cricket team for take _____
- d. part to next month's triangular _____
- e. tournament from Pakistan and _____
- f. Sri Lanka at Sharjah. A formal _____
- g. announcement to this is to be made _____
- h. after sports minister Uma Bharathi
- i. returns to New Delhi before Varanasi _____
- j. later this week.

8. Rearrange the jumbled words to form meaningful sentences:

- i. spiders/are/not/many/dangerous
- ii. very/helpful/infact/they're/eat/they/because/fly/mosquitoes/ants/others/and/insect/pests
- iii. don't/get/caught/spiders/own/in/their/webs
- iv. are/they/to/walk/careful/the/on/only/nonsticky/of/their/threads/web

9. Complete the paragraph using suitable words:

The colour of your skin _____ on how much pigment, or colouring matter, you have in it. All people _____ some brown and some yellow pigments in _____ skins. But different people have different amount _____ each pigment. The amount you have depends on _____ amount your parents have. _____ people have such different amounts of the two pigments, many shades of skin colour exist in the world. "Black" people have a lot of brown pigment in their skin, and not _____ yellow. "White" people have a small amount of _____ pigment in their skin. Oriental people have a lot of yellow and a small amount of brown pigment.

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SCIENCE

Instruction : Write Physics, Chemistry, Biology in A4 size paper separately

Chemistry

1. Define latent heat of vapourization and fusion.
2. What does the boiling point and melting point indicates ?
3. Convert into celsius :
37K and 678K
4. Give reasons :
 - a. Why does the temperature of the substance remains constant during its melting point and boiling poing ?
 - b. Steam produces more severe burns than boiling water.
 - c. Evaporation causes cooling.
5. What is dry ice ?
6. What are the factors that affects evaporation ?
7. What is common among three states of matter ?
8. Why evaporation is called surface phenomenon ?

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BIOLOGY

1. State the postulates of cell theory.
2. Differentiate between
 - i) Prokaryotes and eukaryotes
 - ii) Hypotonic, isotonic and hypertonic medium
3. Draw the diagram of the structure of the nucleus.
4. List two functions of Endoplasmic reticulum.

PHYSICS

GRADE 9

1. Motion is a relative concept . Comment. Give examples of the relativity of motion.
2. Watch the video on youtube link <http://youtu.be/pyBNImQkRuK>

Now comment in at least 10 sentences that

- (i) motion is a relative concept.
- (ii) Frame of reference
3. A point traversed half the distance with a velocity v_0 , the remaining part of the distance was covered with velocity v_1 for half the time and with velocity v_2 for other half of the time. Find the mean velocity of the point averaged over the whole time of motion.

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4. Find the displacement of the point of contact of a wheel initially in contact with the ground when the wheel rolls half the revolution forward.
5. If a car covers $\frac{2}{5}$ th of the total distance with speed v_1 , $\frac{3}{5}$ th with v_2 . find the average speed of the car.
6. Write the difference between distance and displacement. Why is it trivial to say -5km distance a body covered? What is the sense of putting a minus sign before displacement?
7. Explain the concept of instantaneous speed and average speed with examples.
8. Watch the BBC Documentary: History –Sir Isaac Newton LINK : <http://youtu.be/KUB-xcAbsVY> and hence prepare the question from the documentary you want to discuss with your physics teacher in classroom.
9. Graphically derive equation of motions.
10. Explain the characteristics of velocity –time graph and displacement time graph.

MATHEMATICS

GRADE 9

CCE Test paper - 1 Real Number (Question no. 1 to 33 & 40 to 55), Unit test paper 1, Solve all the sums of unit test paper of real number (Page No 44, 45, 46)

Do all the factorisation given in Ex 2(E) revision in R . S. Aggarwal Page no. 62.

Instruction : Solve all the questions in the practice notebook.

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SOCIAL STUDIES

GRADE 9

Instructions : Answers must be done in a single thin line note book.

Geography

1. Draw the map of India and show the following:
 - a. All the mountain ranges
 - b. All the physiographic divisions of India
2. On the world map show the different tectonic plates.
3. Define the following and show them with clear diagram:
 - a. Converging plate
 - b. Diverging plate
 - c. Transformed boundary
4. Name the continents made of Gondwana Land and Angara Land.
5. What do you mean by Princely states and Provinces?
6. What are the features of Ganga Basin, where you are living?
7. Write about the features of oldest landmass of Indian subcontinent.

Economics

1. What do you mean by factor of production? Mention the four factors of production and explain them.
2. Describe the village Palampur in respect to its location, medical facilities, education, transport and electric facilities.
3. Write the difference between traditional and modern method of farming.
4. Visit any farming area near by your residence. Prepare a report on the following:
 - i. What kind of farmers there are?
 - ii. Which kind of agricultural practice are they performing?
 - iii. What problems are they facing?
 - iv. Mention the different sources of loan these farmers can avail.

Mention your views on the above mentioned questions on an A4 size paper.

Make your presentation attractive by adding some snaps of the visited place.

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History

1. Draw a well labelled diagram of Constitutional democracy in France during 1791 on a chart paper. Apply colours and make it attractive.
2. Name the commodities on which taxes were imposed by Louis XVI in France.
3. Define about Guillotine system.
4. Explain subsistence crisis. Is it related to the contemporary society? Discuss.
5. How did Napoleon emerge as the Emperor of France? Collect and paste few pictures of Napoleon Bonaparte.
6. Draw and explain the meaning of few symbols used during French Revolution.

Civics

1. Explain the contemporary condition of Myanmar.
2. State how democracy was established in Nepal in year 2006.
3. Do you think there is democracy in the decisions of UN? Support your answer with any one example from the today's world.
4. How was democracy overthrown in Pakistan in 1999?
5. Mention any three contributions of Michelle Bachelet.

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ICT

GRADE 9

{To be done in ICT notebook}

- 1) What do you mean by the term input?
- 2) What is an output device?
- 3) Name at least five input devices?
- 4) Name at least two output devices that you know.
- 5) Write a short note on VDU.
- 6) What is the use of keyboard?
- 7) Suppose your friend wants to start a new line, Which key he/she should press?
- 8) What is the use of Mouse in computer?
- 9) How many types of printers are available?
- 10) What is the difference between impact and non-impact printers?
- 11) What is the difference between laser and dot matrix printers?
- 12) How many types of Light pen do you know?
- 13) Write the difference between OCR and OMR.
- 14) How does MICR work?
- 15) Which machine reads the bar code information?
- 16) What is the use of Scanner?
- 17) Write any two pointing devices.
- 18) Which device is used to check your examination papers?
- 19) Write short notes on the use of the following:
 - i. Mouse
 - ii. Joystick
 - iii. MICR
 - iv. OMR
 - v. Scanner
 - vi. CD
 - vii. Blue-ray disk
 - viii. Memory card
 - ix. Pointing device
- 20) Write the differences between:
 - (i) RAM and ROM
 - (ii) Primary memory and Secondary memory
- 21) Create an IT report file on the following:
 - (i) Create a Power Point presentation on the topic input/output devices. (No. of slides 15)
 - (ii) Create a chart on the topic "data representation in memory."
 - (iii) Create a word document on the topic "printer".

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HINDI

GRADE - 9

साहित्य

पाठ - धूल

पाठ - गिल्लू

पाठ - दुख का अधिकार

पाठ - रैदास

पूरा कार्य याद करें तथा प्रत्येक पाठ से तीन-तीन प्रश्नोत्तर (50-60 शब्दों वाले) लिखें।

व्याकरण

1. पाँच अनौपचारिक पत्र लिखें।
2. अनुच्छेद लिखें (100 - 150 शब्दों में)
 - क. राष्ट्र के प्रति विद्यार्थियों का कर्तव्य
 - ख. हमारे त्योहार और उनका महत्त्व
 - ग. महिला सशक्तीकरण
 - घ. इन्टरनेट का विद्यार्थियों के मानसपटल पर प्रभाव
 - ङ. आत्मनिर्भरता
3. कोई भी तीन संवाद लिखें।
4. चित्र चिपकाकर या बनाकर 20-30 शब्दों में उसका वर्णन करें।
 - क. प्रातःकाल का दृश्य
 - ख. जंगल का दृश्य
 - ग. विद्यालय के खेल मैदान का दृश्य
 - घ. जन्मदिन उत्सव का दृश्य
 - ङ. वार्षिकोत्सव का दृश्य

नोट - ग्रीष्मावकाश गृहकार्य एक लम्बी-पतली उत्तर पुस्तिका में करें।

SANSKRIT

GRADE - 9

साहित्य

पाठ - 1, 2 के शब्दार्थ एवं अभ्यास लिखकर याद करें।

व्याकरण

शब्दरूप - बालक, लता, फल, मुनि नदी मति, मातृ, पितृ, तत्, किम् (तीनों लिंगों में) लिखकर याद करें।

धातुरूप - भू, पठ्, हस्, नम्, यच्छ्, अस्, क्रुध्, (लट्, लृट् एवं लङ् लकार में) लिखकर याद करें।

स्वर संधि के नियमों को उदाहरण सहित लिखकर याद करें।

नोट - सभी कार्य संस्कृत साहित्य एवं व्याकरण उत्तरपुस्तिका में करें।

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