



**OPEN MINDS**

**A BIRLA SCHOOL**  
**KANKARBAGH, PATNA**



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**HOLIDAY HOMEWORK**

**SESSION : 2017-2018**

**GRADE 8**

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**NAME** : \_\_\_\_\_

**SECTION** : \_\_\_\_\_ **ROLL NO.** : \_\_\_\_\_

Open Minds - A Birla School, Kankarbagh

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Name : \_\_\_\_\_

Grade & Sec : \_\_\_\_\_

**GRADE - 8**

**English Language Arts {ELA}**

1. Write a letter to your Principal highlighting your concerns about the ever increasing noise pollution levels and request him/her to grant you permission to organise a noise pollution awareness campaign within and around the school premises.
2. Write a letter to the Principal of your school requesting him to permit you to change your special activity from music to dance.
3. Junk food has become an addiction and teenagers are falling prey to it. Little children no longer want salads and fruits and would prefer to eat burgers and pizzas instead. This has led to rampant life style disorders and health crises. Write a letter to the editor of a national daily expressing your concerns over this matter.
4. Write a letter to your mother saying that you want to bring a friend along with you for the summer holidays.
5. Write a letter to your friend congratulating him/her on his/her success in the Senior Secondary examination.
6. Morning walks are pleasant and refreshing and have many benefits associated with health. Write a paragraph of 120-150 words on the benefits of going on regular morning walks.
7. Youngsters these days spend too much time watching television. Write a short article in 120-150 words highlighting the disadvantages of watching television.
8. Obeying traffic rules is very important, especially for children. These days many accidents happen due to negligence. Write an article in 100-120 words highlighting the importance of road safety.
9. Sports are very important for the growth and development of children. They teach us many things. Children should be encouraged to participate in sports. Write a paragraph highlighting the importance of sports in 120-150 words.
10. Cooking is a skill every person should cultivate within themselves. It is important for the sustenance of the individual. Write a paragraph in 120-150 words.
11. Change the following Assertive sentences into Interrogative form.
  - a. They have gone to the Market.
  - b. They have given the Exams.
  - c. They hate going to Dominos.
  - d. The day was boring.
  - e. They are going to the party.
  - f. History is her favourite subject.
  - g. She is our new neighbour.
  - h. He is playing with them.
  - i. Janu and Manu will come to the wedding.
  - j. Mitu has invited you to the party.

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Parent's Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Grade & Sec : \_\_\_\_\_

12. Find out the nouns in the following sentences and state whether they are common, proper, collective or abstract.
- a) Always speak the truth.
  - b) Never tell a lie.
  - c) King Solomon was famous for his wisdom.
  - d) A committee of five was appointed.
  - e) We saw a fleet of ships in the harbour.
  - f) Love begets love.
  - g) Our class consists of thirty pupils.
  - h) Ron is a notorious boy.
  - i) The class is studying grammar.
  - j) He gave me a bunch of grapes.
13. Answer the following questions based on 'Three Men In A Boat' and 'Communicate in English'
- a) What is your opinion of the three friends after reading the chapter?
  - b) Why is life compared to a boat? How do men over load their "boat of life"? How does it affect their nature in the long run?
  - c) What are actually wrong with the friends? How did they decide to cure themselves?
  - d) Why does Ruskin Bond say that India is an atmosphere?
  - e) How did narrator conclude that he had a liver ailment?
  - f) Why is a sea journey not beneficial for a week? Give examples
  - g) How did Uncle Podger get everyone involved in his work?
  - h) What opinion did the three friends finally form about the main cause of illness?
  - i) Give the central idea of the poem, 'In the Bazaar of Hyderabad.'
  - j) What is the difference between getting one's rights and doing one's duty? Explain with an example for each.
  - k) How is the market of today different from the bazaars of Hyderabad?
  - l) Write 5 words that you would use to describe a local mall or super market.
  - m) What does , 'Unity in Diversity' mean?
  - n) Name a few items that were being sold in the bazaars of Hyderabad.
14. Write the review of your favourite book which you have read recently.

**Instruction : All the things should be done in a single line thin notebook.**

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**GRADE - 8****SCIENCE****Chemistry**

1. What is the monomer of Polythene and Polyester?
2. Write any four characteristics of synthetic fibres.
3. What is the cause of acid rain? Write two of its harmful effects.
4. 'Careless disposal of plastics causes many hazards' explain it?
5. Explain 4R<sup>s</sup>.
6. Write two uses of bakelite.
7. State two uses of Melamine.
8. How is rayon made ?
9. What is acrylic ? State one important property of acrylic.
10. Name the natural polymer of which cotton is made.

**Biology**

Answer the following questions

1. Draw flowchart to show how cells form an organism.
2. Write the shape of these cells and how the shape helps it to perform its function?
  - a. Muscle cell
  - b. RBC
  - c. Nerve cell
3. Mitochondria is also known as the power house of the cell. Why?
4. Why lysosome called the suicidal bag of cell ?
5. Write four differences between plant and animal cells.
6. Describe the function of nucleus.
7. Why is plasma membrane called selectively permeable membrane ?
8. Name and explain the different types of plastids present in plant cell.
9. Draw a neat and well labelled diagram of animal cell.
10. Write any three differences between Eukaryotic and Prokaryotic cell.

**PHYSICS****GRADE - 8**

Answer the following questions :

1. Define the following terms :
  - a. Muscular force
  - b. Gravitational force
  - c. Electrostatic force
2. What is Resultant force ? Explain with the help of examples.
3. What are the effects of Force ?
4. Differentiate between Magnetic Force and Gravitational Force.
5. Explain the significance of atmospheric pressure.
6. How does friction stop a body ? Explain with diagram.

Name : \_\_\_\_\_

Grade & Sec : \_\_\_\_\_

7. What is contact and non contact force ? Explain.
8. Define SI unit of pressure.
9. What is a manometer ? Draw a diagram.
10. Show with examples liquid exert pressure on the wall of the container.

**Instruction : Do it in A4 Size paper separately.**

### **MATHEMATICS**

**GRADE - 8**

Ex - 1H, Ex - 6E, CCE Test paper - 1 and Worksheets page no.- 5,6,7

**Instruction : All the questions to be done in Test Notebook**

### **GRADE - 8**

### **SOCIAL STUDIES**

1. Prepare 20 one - word or one sentence answer - question from the first two chapters of History, first chapter of Civics and Geography. Learn each one of them.
2. Label all the States and their capitals along with the Union Territories on a Political Map of India.
3. Write short notes on the following :
  - a. Battle of Plassey
  - b. Battle of Buxar
  - c. Subsidiary Alliance
  - d. Doctrine of Lapse
  - e. Policy of Paramountcy

**Instruction : All the questions need to be done in a single line thin notebook.**

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**GRADE - 8****ICT**

1. Fill in the blanks:-
  - a. Java is an \_\_\_\_\_ language.
  - b. Java is developed by \_\_\_\_\_.
  - c. \_\_\_\_\_ and \_\_\_\_\_ are feature of computer.
  - d. \_\_\_\_\_ , \_\_\_\_\_ and \_\_\_\_\_ are type of java program.
  - e. JVM stand for \_\_\_\_\_.
2. Write true or false
  - a. Java is case sensitive language.
  - b. The value of variable is fixed.
  - c. Java is a platform dependent language.
  - d. Source code is also known as byte code.
  - e. Java is a portable language.
3. Write the name of:-
  - a. Java compiler
  - b. Java interpreter
  - c. Extension of Java class
  - d. Extension of Java program
4. Write five features of java programming language.
5. Draw the diagram to show the compilation of Java program.
6. Draw the diagram to show the different types of Java program.
7. Write a program in Java for the following:
  - a. To print the area and perimeter of a rectangle if one of the sides is 25 and the other is 30. Area of a rectangle is length \* breadth and perimeter of a rectangle is  $2 * (\text{length} + \text{breadth})$ .
  - b. To print the sum of three numbers 5,60 and 9.
  - c. To print the difference of 41, 28 and 44.
  - d. To print the sum of 26 and 32 in one line and product of 26 and 32 in next line.
  - e. To print average of 55 and 65.
  - f. To print the square and cube of 2 on different lines.
  - g. To print the cost of 9 shirts if each costs Rs. 500 only.
  - i. To print the equivalent of 10 meters in centimeters.  
**Hint: 1 meter means  $1 * 100$  ,i.e., 100 centimeters.**
  - j. To print the amount to be paid to purchase a LED TV with selling price of Rs.50000 and having a seasonal discount of Rs. 30000.
  - k. To print the area of a circle with radius of 15. Area of a circle is calculated using the formula  $3.14 * \text{radius} * \text{radius}$ .

**Instruction : All the questions need to be done in ICT notebook.**

Name : \_\_\_\_\_

Grade & Sec : \_\_\_\_\_

**GRADE - 8**

**HINDI**

**साहित्य**

पाठ - दानबल

पाठ - जहाँनारा

पाठ - दीवानों की हस्ती

पाठ - कामचोर

पाठ - ऐनफ्रैंक की डायरी पाठ का पूरा कार्य याद करें तथा दीर्घउत्तरीय प्रश्नोत्तर में से हर पाठ से 3-3 प्रश्नों के उत्तर लिखें।

**व्याकरण**

1. उत्तरपुस्तिका में करवाए गए कार्य याद करें।
2. तीन अनौपचारिक और दो औपचारिक पत्र लिखें।
3. अनुच्छेद लिखें - (100-150 शब्दों में)

क. परिश्रम का महत्त्व

ख. सत्संगति

ग. भ्रष्टाचार

घ. विज्ञान वरदान या अभिशाप

**नोट : प्रत्येक गृहकार्य लम्बी-पतली उत्तरपुस्तिका में करें।**

**GRADE - 8**

**SANSKRIT**

**संस्कृत साहित्य**

वन्दना, वर्णविचार एवं पाठ-1 पढ़ें एवं शब्दार्थ याद करें।

**संस्कृत व्याकरण**

1. बालक, फल, लता, तत् (पु०, स्त्री, नपु०) शब्दरूपों को संस्कृत उत्तरपुस्तिका में लिखें एवं याद करें।
2. भू, स्था, कृ, अस् धातु का रूप लट्, लङ् एवं लृट् लकार में लिखें एवं याद करें।
3. स्वर संधि के सभी भेदों से पाँच पाँच उदाहरण को लिखें।
4. वर्णमाला पाठ को याद करें।
5. 'एक' से 'चालीस' (1 से 40) तक संख्या को संस्कृत में लिखें एवं याद करें।

**नोट : ये सभी कार्य संस्कृत उत्तरपुस्तिका में करें।**

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## GRADE -8

## HINDI

## वर्तनी सूची

1	प्रकृति	26	दुर्भाग्यशाली	51	आत्मसमर्पण	76	स्थापित
2	आत्मदान	27	काँतिमीय	52	पूँजीपतियों	77	समाप्ति
3	स्वस्थ	28	स्वर्गीय	53	परमात्मा	78	तर्कसंगत
4	आत्मघात	29	निर्देश	54	मुद्रास्फीति	79	स्थानांतरित
5	स्वत्व	30	नेपथ्य	55	तर्कसंगत	80	ब्रिटिश
6	अनल्प	31	मूर्तिमयी	56	गिरफ्तार	81	स्वच्छंद
7	जगज्जीवन	32	तपस्विनी	57	सूचनाएँ	82	मस्ती
8	व्यर्थ	33	सामाज्य	58	प्रमाणिक	83	भिखमंगों
9	सर्वस्व	34	व्यतीत	59	अकल्पनीय	84	मनुवाँ
10	सुपूरित	35	बहुमूल्य	60	अज्ञातवास	85	म्यान
11	पुरस्कृत	36	ऋषिकन्या	61	गुसलखाना	86	सुमिरन
12	रत्नजडित	37	बेशर्मी	62	रामांचकारी	87	आँखि
13	शाहजहाँ	38	इज्जत	63	प्लंबर	88	तनख्वाह
14	व्यतीत	39	मुसाहिबों	64	पूर्वाशा	89	धुआँधार
15	काँतिमयी	40	सूत्रधार	65	लोमहर्षक	90	बटालियन
16	अकर्मण्य	41	वात्सल्य	66	उल्लास	91	व्याकुल
17	नापाक	42	सुगंधित	67	यहूदियों	92	मार्शल
18	पाषाण-हृदय	43	निर्वाह	68	फोल्डिंग	93	निश्चय
19	जहाँआरा	44	सन्नाटा	69	प्रकाशित	94	संयुक्त
20	नामाकूल	45	समर्पित	70	निश्चित	95	विरूद्ध
21	वात्सल्य	46	पुरस्कार	71	इस्तेमाल	96	तर्बमान
22	निकम्मा	47	अलंकार	72	षड्यंत्र	97	कुहनियाँ
23	अश्रुजल	48	विश्वास	73	लिपिबद्ध	98	कष्टसाध्य
24	तख्त ताउस	49	हत्याकांड	74	कार्टून	99	दुश्मन
25	हुक्मनामा	50	यंत्रणाओं	75	विश्वयुद्ध	100	साखियाँ

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