



OPEN MINDS

A BIRLA SCHOOL
KANKARBAGH, PATNA



HOLIDAY HOMEWORK

SESSION : 2017-2018

GRADE 7

NAME : _____

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

Name : _____

Grade & Sec : _____

GRADE - 7

English Language Arts {ELA}

1. Design a formal invitation for the annual sports day of your school to be held in November. Provide necessary information.
2. Write an application to the principal of your school asking for leave since you are suffering from typhoid.
3. Write an application to concerned authority in the nearby police station reporting about the theft of your bicycle.
4. Write a letter to your grandmother thanking her for a lovely birthday gift.
5. Write a letter to your cousin inviting him/her to spend the vacation with you.
6. Write a paragraph in about 100-120 words on the topic 'The development of hospitals'.
7. Write a paragraph on the 'Olympic flame- a symbol of the Olympic Games'.
8. Write a paragraph on 'noise pollution' in about 100-120 words.
9. Write a paragraph on 'The restaurant I would like to visit'.
10. Write a paragraph on the 'History of Mc Donald's and its reputation.
11. Answer the following questions based on 'Beyond the Blue River' and 'Communicate in English'
 - a) Who were the Predars?
 - b) Who was Zrooh?
 - c) What was Grace's number?
 - d) Describe the Blue River as seen by Sushi.
 - e) Who was Rani?
 - f) Whom are the heroes and heroines compared to?
 - g) Why did Nandu not like staying with Beeji?
 - h) What was Nandu preparing for?
 - i) List the activities Amy learnt in the year when she was not watching television.
 - j) Who was KaruthAarg?
 - k) Who was Blue Beyond?
 - l) What did Guru's grandfather say about the Blue River?
 - m) How did Nandu realize the importance of her grandmother?
 - n) Explain the encounter of Grace with the city bus, rt.no. 41A.
 - o) What secret did Grace tell to Rani?
12. Change the following Assertive sentences into Interrogative form.

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- a) Mary has come to visit her parents.
- b) They sit quietly.
- c) Amelia sings beautifully.
- d) He is ready for the party.
- e) I am good.
- f) She saw the play last week.
- g) They were drowning.
- h) It is safe this way.
- i) This dog has a name.
- j) You eat properly.

13. Correct the following sentences and name the kinds of sentences they fit into.

- a) Tells me your name.
- b) I love you dearly!
- c) Snowflakes are whitened in colour.
- d) What are you doing in Mexico?
- e) Blake has attended his interview.
- f) Please keep the books off the table.
- g) What a lovely weather!
- h) Are you ready to go?
- i) Pour me a glass of water.
- j) Birds sing in the morning.
- k) Did you clean your room?
- l) Come here now!

14. Write the review of your favourite book which you have read recently.

Note : All questions should be done in a thin notebook.

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MATHEMATICS

Ex - 1D, Ex - 2D, Ex - 4G, CCE Test paper - 1 & 2

Note : All questions should be done in Maths Practice Notebook.

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SCIENCE

Answer in one word or one line :

1. Define Nutrients.
2. Name the nutrients present in the food.
3. What type of relationship is shown by lichen ?
4. What is saprophyte?
5. What is the function of Rhizobium bacteria?
6. Define assimilation.
7. What are ruminant ?
8. Write the function of tongue in humans.
9. Name the largest gland present in human being and its secretion.
10. Write the end product of protein, fat and carbohydrate.

Answer the following in two or three lines :

11. How do insectivorous plant like pitcher plant obtain their food ?
12. Write differences between autotrophic and heterotrophic mode of nutrition.
13. What do you mean by symbiotic relationship? Give an example.
14. What are parasites? Give example.
15. Define stomata.
16. Mention various steps of holozoic nutrition
17. Write the role of following -
 - a) Incisor
 - b) Canine
 - c) Premolar
 - d) Molar
18. Write the role of mucous in stomach.
19. What is saliva? Write its function.
20. What is the role of villi in human being?

LONG ANSWER TYPE QUESTION

21. How would you detect the presence of starch in leaves ?
22. Define photosynthesis. What are the raw materials needed for it? Write its equation.
23. Draw a flow chart showing different types of nutrition.
24. How nutrients are replenished in the soil ?
25. Mention the various steps of holozoic nutrition in Amoeba with diagram.
26. Write in short about the digestion of food in grass eating animals.
27. Draw a well labelled diagram of human digestive system.
28. Define the following terms - Rumen, Enzymes, Ingestion, chlorophyll, mastication.
29. Draw the complete set of human teeth with proper labelling.
30. What is saprophytic mode of nutrition? Give an example. How does it differ from parasitic nutrition ?

Note : Do the answer in a thin single line copy.

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ICT

1. Fill in the blanks with the correct words.
 - a. Octal numbers have a base of _____ .
 - b. The binary number system is a _____ value system.
 - c. A machine with a 16-bit word is _____ than the one with a 32-bit word.
 - d. In 4875, _____ is the MSD and _____ is the LSD.
 - e. To convert a decimal number to another number system, it has to be _____ repeatedly by the new base.

2. Match the following:

a. The number base	i. word-size
b. A group of four bits	ii. Byte
c. A combination of 8 bits	iii. Nibble
d. Length of a Computer word	iv. Hexadecimal
e. The number system with base 16	v. Radix

3. Very Short Answer Questions.
 - a. Convert 11111011 to its binary equivalent.
 - b. In what form is information in a computer stored?
 - c. What is meant by radix?
 - d. Name two memory units larger than a terabyte but smaller than a zettabyte.
 - e. Write two examples each of system and application software.

4. Short Answer Questions.
 - a. Explain word and word size.
 - b. Convert following numbers into its decimal equivalent

i. 111011	ii. 101011
iii. 110010	iv. 001001
v. 101010	vi. 010101
 - c. Convert following numbers into its binary equivalent.

i. 1522	ii. 3452
iii. 6547	iv. 3421
v. 6543	vi. 8791

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SOCIAL STUDIES

History

Answer the following questions :

1. Who were scribes?
2. Why was the ritual of "hiranya garbh" performed?
3. Name a Rashtrakuta chief who overthrew his Chalukya overlord.
4. Which place became the hub of social, economic, cultural activities during Chola empire?
5. Who were Samantas?
6. How did Samantas help their rulers?
7. "The rulers of this period used high sounding titles". Give one example
8. In which region Rastrakutas were ruling?
9. For which region Gurjara- Pratiharas and Palas were struggling and wanted to control it?
10. Locate the following on a political map of India:
 - a) Regions where Palas were ruling
 - b) Regions where Cholas were ruling

Civics

1. Which article of Indian Constitution states prohibition on discrimination on the basis of socio-economic background of a citizen?
2. What do you understand by Universal Adult Franchise?
3. Who was Rosa Parks?
4. Who were discriminated in America till the year of 1964?
5. In which country Civil Rights Movement started?
6. Who was the writer of "Joothan"?
7. "Nothing is more disgraceful for a brave man than to live life devoid of self respect"
Who has given the above statement?
8. "I am a girl who scored highest marks in class 12 in the district. I wanted to go New Delhi for higher studies but my parents are not ready. They are sending my brother there for better coaching who is studying in class 10."
In the above case which kind of discrimination has been shown?

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9. What can you do to eliminate discrimination from the society you observe in day to day life?

Geography

1. Make a collage of Newspaper cutting of weather forecast of 20 days on a chart paper.
2. Collect 5 different specimens of Rocks and try to find their types.

[Instruction : Samples to be collected in transparent bags.]

SANSKRIT

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संस्कृत साहित्य

पढ़ाए गए पाठों के शब्दार्थ एवं अभ्यास याद करें।

संस्कृत व्याकरण

1. बालक, लता एवं फल शब्द का रूप लिखें।
2. पठ्, नम्, हस्, अस् धातु का रूप लट्, लङ् तथा 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 'तीस' (1 से 30) संख्या को संस्कृत में लिखें एवं याद करें।

नोट - सभी कार्य संस्कृत उत्तर पुस्तिका में करें।

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HINDI

साहित्य

1. पाठ 4 तथा पाठ 5 का शब्दार्थ लिखें ।
2. पाठ 1 से 4 तक के दो दो दीर्घ उत्तरीय प्रश्नोत्तर लिखें ।
3. 'गजमुक्ता की तलाश' उपन्यास के पाँच प्रमुख चरित्रों के नाम लिखें ।
4. 'गजमुक्ता की तलाश' से 5 उर्दू शब्दों को ढूँढकर लिखें ।

व्याकरण

1. अनुच्छेद लिखें (80 से 100 शब्दों में)
 - क. बिजली की आत्मकथा
 - ख. स्वावलंबन
 - ग. भारतीय संस्कृति और साहित्य
 - घ. संगति का प्रभाव
 - ङ. हमारा विद्यालय
2. तीन औपचारिक पत्र लिखें ।
3. तीन अनौपचारिक पत्र लिखें ।
4. व्युत्पत्ति के आधार पर शब्द-भेद उदाहरण के साथ लिखें ।
5. उपसर्ग का प्रयोग करके पाँच शब्द लिखें ।
6. प्रत्यय का प्रयोग करके पाँच शब्द लिखें ।
7. संज्ञा की परिभाषा तथा भेद लिखें ।
8. सर्वनाम की परिभाषा तथा भेद लिखें ।
9. पाँच मुहावरे लिखें तथा उसका अर्थ लिखकर वाक्य में प्रयोग करें ।

नोट : सभी कार्य पतली लम्बी उत्तर पुस्तिका में करें ।

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HINDI

वर्तनी सूची

1	महत्त्व	16	घोषणा	31	प्राण-पखेरू	46	गुलदस्ते
2	वनस्पतियों	17	शब्दालंकारों	32	ग्रामीणों	47	रिसाले
3	ग्रीष्म	18	आश्चर्य	33	दराँती	48	निस्स्वार्थ
4	छत्तीसगढ़	19	आशीर्वाद	34	प्रार्थना	49	प्रताप
5	सम्मेलन	20	परिश्रमपूर्वक	35	विश्वास	50	खुराफात
6	अभिभावक	21	प्रकाशित	36	भाग्यशाली	51	निर्देशक
7	उपलब्धियाँ	22	डॉक्यूमेंट्री	37	साक्षात	52	हिंडोले
8	भविष्य	23	निर्माता-निर्देशकों	38	किस्त	53	उपेक्षा
9	प्रोत्साहित	24	दुल्हन	39	कनखियों	54	व्यक्तियों
10	रिपोतार्ज	25	मुश्किल	40	मिज़ाज	55	ज़िक्र
11	सिंदूला	26	जन्मोत्सव	41	व्यंग्यकार	56	निस्स्वार्थ वृत्ति
12	प्रपौत्र	27	निश्चिंत	42	इस्तेमाल	57	पूर्वज
13	प्रताडित	28	अंत्येष्टि	43	मेहमानदारी	58	क्रियाकलाप
14	बदकिस्मती	29	सूत्रधार	44	स्थिति	59	फ़र्क
15	प्रोफ़ेसर	30	नेपथ्य	45	उन्नीसवीं	60	उँगलियाँ

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