



OXFORD PUBLIC SCHOOL, RANCHI

SUMMER HOLIDAY ASSIGNMENT (2018-19)

CLASS - VIII

ENGLISH

- Join each pair of the following sentences by means of Conjunctions given in the brackets
 - The Principal was speaking . Everyone was listening carefully. (while)
 - The cock crew .The farmer got up. (when)
 - You will fail in the examination. You work hard. (unless)
 - We must take a taxi. We may catch the first train. (so that)
 - I make a promise. I keep it. (if)
- Fill in the blanks with suitable determiners.
 - Leaving _____ wounded man, _____ king went out of _____ hut and looked around for _____ hermit. Before going away he wished once more to get the answer to _____ questions. The hermit was on _____ knees sowing seeds in _____ bed that had been dug _____ day before.
- Fill in the blanks with suitable articles.
 - _____ tiger is on _____ verge of extinction.
 - _____ ship sank in _____ Bay of Bengal.
 - _____ morning was cool.
 - Where is _____ luggage?
 - _____ city has _____ few good eateries.
- State whether the following sentences are Simple, Complex, or Compound?
 - I dreamt that I lived in marble house.
 - People who are given to quarrelling cannot be happy.
 - He worked as if he was in a hurry.
 - An honest man is loved by all.
 - He is too exhausted to walk.
- Write a letter to your friend telling him about the place you are going to visit during your summer break.

COMPUTER

- What do you mean by operating system? Explain with example.
- Name and explain different functions of operating system.
- Explain CUI and GUI with example.
- Explain briefly, the following terms:
 - Single User OS
 - Multithreading OS
 - Multuser OS
 - Batch Processing OS
 - Multiprocessing OS
- Convert binary to its decimal equivalent:
 - $(10010)_2 - (?)_{10}$
 - $(11111)_2 - (?)_{10}$
 - $(10000)_2 - (?)_{10}$
 - $(100110)_2 - (?)_{10}$
 - $(100000)_2 - (?)_{10}$
- Convert decimal to its binary equivalent:
 - $(15)_{10} - (?)_2$
 - $(20)_{10} - (?)_2$
 - $(25)_{10} - (?)_2$
 - $(17)_{10} - (?)_2$
 - $(49)_{10} - (?)_2$

SCIENCE PHYSICS

Answer the following question:--

- Why frictional force is said to be a contact force?
- Calculate the pressure when a force of 200N is exerted on an area of 5m^2 ?
 - When a force of 5N acts on a surface it produces a pressure of 500 Pa. Calculate the area on which pressure is exerted.
- Give reasons:-
 - Why wooden sleepers are kept below railway line?
 - Why the tip of sewing needle is sharp?

4. What do you mean by gravitational force and electrostatic force ? Give examples.
5. Draw a labelled diagram to show the existence of atmospheric pressure.

CHEMISTRY

1. Draw a labelled diagram of a candle flame.
2. Write a balanced equation for the reaction of zinc metal with copper sulphate.
3. Collect the photos of any five articles made of thermosetting plastics and paste them in your home work copy.
4. Explain why, thermoplastics become soft on heating but thermosetting plastics do not become soft on heating. Draw a labelled diagrams to illustrate your answer.
5. State the characteristics of synthetic fibres.

BIOLOGY

1. What is the process of 'transplantation' in agriculture? What are the advantages of transplantation?
2. Draw and colour four agricultural implements used in agriculture.
3. Collect at least two types of seeds of the following and show in small polythene bags:-
(a) Cereal crops (b) Pulses (c) Oil seeds (d) Vegetables (e) Fruits
4. Write differences between clayey soil and sandy soil. Collect it and show for demonstration.
5. Draw two traditional methods of irrigation on A-4 page and colour it.

SOCIAL SCIENCE

HISTORY

1. Why do you think the modern period is also referred as colonial period in the history of India?
2. What were the administrative changes that were brought about with the advent of East India Company in India?
3. What were the causes and results of the Battle of Plassey?
4. Write a short note on the 'Tiger of Mysore' - Tipu Sultan
5. Prepare a **timeline** on various historical events occurred with the advent of East India Company (like- Battle of Plassey, Battle of Buxar, Subsidiary Alliance, Doctrine of Lapse etc)

CIVICS

1. Prepare a life sketch of Dr.B.R.Ambedkar and his contributions towards the making of Indian Constitution in about 200 words.
Cover the following areas:
(a) Life sketch (b) Education (c) Voice against untouchability (d) Contributions

GEOGRAPHY

1. Prepare a project on 'Land Resource' covering the following sub-topics:
(a) Introduction (b) Uses of land (Physical and Human factors) (c) Conservation of land (d) Conclusion

विषय :- संस्कृतम्

1. निर्देशित संधेः दश-दश उदाहरणानि लिखत ।
दीर्घ- गुण- यण्- वृद्धि - अयादि- पूर्वरूप - पररूप -
2. अकारान्त, आकारान्त शब्दरूपाणि लिखित्वा स्मरन्तु - बालक, देव, राम, लता, गीता, रमा च ।
3. धातु रूपाणि पंच लकारेषु लिखित्वा स्मरन्तु - पठ्, गम्, नम्, अस्, दृश्
4. स्वभगिन्याः विवाहे निमन्त्रणम् दातुम् स्वमित्रं प्रति पत्रम् पूरयत ।
5. पाठ्य पुस्तकात् पाठ-प्रथमः द्वितीयः च एकवाक्येन प्रश्न-उत्तराणि लिखित्वा स्मरन्तु ।
6. निम्न अव्ययपदानिनां वाक्य-रचना कुरुत ।
अद्य - उपरि - तत्रैव -
अपि - तर्हि - यदि -
अत्र - क्व -
7. निम्न क्रिया पदयोः स्त्रीलिङ्गो परिवर्तयित्वा लिखत ।
कथितवान् शासितवान् गतवान्
आनीतवान् पठितवान् हसितवान्
अधीतवान् स्वीकृतवान्

HINDI

1. भारत देश के प्राकृतिक सौंदर्य को बनाए रखने के लिए आप क्या-क्या करेंगे?
2. प्रत्येक भारतीय नागरिक का भारत के प्रति क्या कर्तव्य होना चाहिए?
3. आपके विचार से एक सर्वश्रेष्ठ राजा में कौन-कौन से गुण होने चाहिए?
4. 'केरल के बाद सबसे अधिक साक्षरता मिजोरम में है।' इस कथन से सभी भारतवासियों को क्या संदेश मिलता है?
5. 'मेरे प्रिय अध्यापक' पर लगभग 225 शब्दों में एक निबंध लिखिए।
6. तुलसीदास द्वारा रचित विख्यात महाकाव्य का नाम बताते हुए उसकी भाषा का नाम भी लिखिए।
7. दक्षिण भारत में प्रयुक्त होने वाली भाषाओं के नाम लिखिए।
8. निम्नलिखित शब्दों को पढ़कर नुक्ते के कारण आए अर्थ भेद को लिखिए—
जरा— ज़रा—, दफा — दफ़ा, राज—राज़—
9. वैदिक भाषा से हिन्दी तक की यात्रा के विभिन्न पड़ावों को लिखें।
10. किसी कवि अथवा लेखक का सचित्र जीवन परिचय एवं उनकी रचनाओं के नाम लिखिए।
(परियोजना कार्य)

MATHEMATICS

1. The sum of two rational numbers is -5 . If one of them is $-\frac{13}{6}$, find the other.
2. Evaluate: (a) $\sqrt{98} \times \sqrt{162}$ (b) $\sqrt{10.0489}$ (c) $\sqrt{\frac{441}{961}}$ (d) $\sqrt{1.0816}$
3. Write three rational numbers between (a) $\frac{-1}{2}$ and $\frac{-1}{3}$ (b) $\frac{1}{4}$ and $\frac{1}{3}$
4. Represent the following rational numbers on a number line
(a) $5\frac{5}{7}$ (b) $-5\frac{4}{5}$
5. Find the cube of the numbers by short method: (a) $(25)^3$ (b) $(47)^3$
6. Find the product: (a) $(2x^2 + 3x - 7) \times (3x^2 - 5x + 4)$
(b) $(x^4 + \frac{1}{x^4}) \times (x + \frac{1}{x})$
7. Divide: (a) $(2x^3 + x^2 + 5x - 2)$ by $(2x + 3)$
(b) $(10x^4 + 17x^3 - 6x^2 + 30x - 3)$ by $(2x + 7x - 1)$
8. Divide the sum of $\frac{13}{5}$ and $\frac{-12}{7}$ by the product of $\frac{-31}{7}$ and $\frac{1}{-2}$
9. If $(x + \frac{1}{x}) = 4$, find the value of (a) $(x^2 + \frac{1}{x^2})$ (b) $(x^4 + \frac{1}{x^4})$
10. Find the value of $\frac{198 \times 198 - 102 \times 102}{96}$
11. Using rearrangement property, find the sum.
(a) $\frac{-6}{7} + \frac{-5}{6} + \frac{-4}{9} + \frac{-15}{7}$ (b) $\frac{-8}{3} + \frac{-1}{4} + \frac{-11}{6} + \frac{3}{8}$
12. Complete the magic square.

	14		0
8		6	11
4			7
	2	1	12
