



OXFORD PUBLIC SCHOOL, RANCHI

SUMMER HOLIDAY HOMEWORK (2019-20)

CLASS-VIII

SUBJECT-ENGLISH

- Fill in the blanks with appropriate determiners:
 -people are in need of medical help.
 -work is being done now.
 - We gavechild a toy.
 -of the boys know how to play football.
 - You must do.....homework.
 -who want to take part in the competition, register your names now.
 - She is.....MA in English.
 - May I have.....biscuits?
 - There aren'tbiscuits.
 -English is spoken by.....English.
- Join these sentences using appropriate Conjunctions:
 - I like papaya. I like watermelon.
 - He is lazy. He is smart
 - Water the plants every day. They will die.
 - The girl was crying. She lost her pen
 - Be careful. You will hurt yourself.
- Write an article for your school magazine in about 100 -120 words with the title "My dream school". You are Aryan/Aditi.
- English Project Work - Comics Making
Note: English H.H.W is to be done in a separate thin notebook.

SUBJECT-HINDI

निम्नलिखित प्रश्नों के उत्तर दें :-

- राष्ट्रभाषा किसे कहते हैं?
- वैदिक भाषा से हिन्दी तक की यात्रा में मुख्य पड़ाव कौन-कौन से हैं? संक्षिप्त उत्तर लिखें।
- तुलसीदास द्वारा रचित विख्यात महाकाव्य का नाम बताते हुए उसकी भाषा भी लिखिए।
- निम्नलिखित के संधि विच्छेद कीजिए :-

| | | |
|-------------|--------------|---------------|
| क. कारावास | ख. सुरेन्द्र | ग. विवाहोत्सव |
| घ. लोकोपचार | ङ. देवर्षि | च. मात्राज्ञा |
- निम्नलिखित के संधि कीजिए-

| | | |
|----------------|---------------|--------------|
| क. पुष्प+अंजलि | ख. जगत्+ईश | ग. राम+अवतार |
| घ. उमा+ईश | ङ. योग+अभ्यास | च. दुः+गम |
- विद्यालय के मुख्य द्वार पर बैठे खोमचेवालों की शिकायत करते हुए प्राचार्य को एक आवेदन पत्र लिखें।
- 'भारत के पर्व एवं त्योहार' पर लगभग दो सौ पच्चीस (225) शब्दों में एक निबंध लिखें।
- 'हिन्दुस्तान हमारा है' कविता को पढ़कर आपके मन में क्या भाव उठते हैं?
- हमारा आज का समाज सुविधाओं से भरा-पूरा है। फिर भी अधिकतर लोग तनावग्रस्त क्यों रहते हैं?
- राजा अपने दल से कैसे भटक गया?
- राजा की खीझ का क्या कारण रहा होगा?
- राजा ने क्या घोषणा करवाई थी?

Note:- For Hindi/Sanskrit download font-' Kruti Dev 010'.

SUBJECT-MATHEMATICS

- Evaluate up to two decimal places (a) $\sqrt{2}$ (b) $\sqrt{5}$
- Evaluate ; (a) $\sqrt{98} \times \sqrt{162}$ (b) $\sqrt{10.0489}$ (c) $\sqrt{1.0816}$ (d) $\sqrt[3]{5324}$
- Write three rational numbers between (a) $\frac{-1}{2}$ and $\frac{-1}{3}$ (b) $\frac{1}{4}$ and $\frac{1}{3}$
- Represent the following rational numbers on a number line
(a) $5\frac{5}{7}$ (b) $-5\frac{4}{5}$
- Find the cube of the numbers by short method: (a) $(25)^3$ (b) $(47)^3$
- Find the product: (a) $(2x^2 + 3x - 7) \times (3x^2 - 5x + 4)$ (b) $(x^4 + \frac{1}{x^4}) \times (x + \frac{1}{x})$
- A two digit number is 3 more than 4 times the sum of its digits. If 18 is added to the number, its digits are

reversed. Find the number.

8. Divide the sum of $\frac{13}{5}$ and $\frac{-12}{7}$ by the product of $\frac{-31}{7}$ and $\frac{1}{-2}$

9. Test the divisibility of (a) 568711 by 11 (b) 73016349 by 7

10. Add: $4x^2 - 7xy + 4y^2 - 3$, $5 + 6y^2 - 8xy + 2x^2$ and $6 - 2xy + 2x^2 - 5y^2$

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 |

13. Solve all the questions from:

(a) Test Paper-1 (Q.1 to Q.9) Page No.-27.

(b) Test Paper-3 (Q.1 to Q.6) Page No.-62

(c) Test Paper-4 (Q.1 to Q.4) Page No.-70.

(d) Test Paper-5 (Q.1 to Q.7) Page No.-82.

SUBJECT-SCIENCE

PHYSICS

1. What force acting on an area of 0.5m^2 will produce a pressure of 500 Pa?
2. Explain why, the tip of a sewing needle is sharp?
3. Define pressure. What is the relation between pressure, force and area? State the units in which pressure is measured.
4. Define: - (i) Gravitational force (ii) Muscular force (iii) Force (iv) Atmospheric pressure
5. With the help of neat and labelled diagram show pressure in a liquid increases with depth.

CHEMISTRY

1. Which type of shirts should we buy for summer: cotton shirts or shirts made from synthetic materials? Give reason for your answer.
2. Name any four articles made of thermoplastics. Write one use of each article.
3. Write short notes on following: - (i) Acrylic (ii) Nylon
4. Draw structure of thermosetting plastics.
5. Write any four useful properties of plastics.

BIOLOGY

1. Write the short notes and draw the diagram related to the method of irrigation
a) Chain pump b) Sprinkler system
2. What is a 'combine' which is used in agriculture? State its advantage.
3. What is vaccine? How does a vaccine work?
4. Draw a label diagram of the following micro-organisms : a) Protozoa (Amoeba) b) Viruses
5. Name any two animal diseases and two plant diseases caused by micro-organism.

SUBJECT-SOCIAL SCIENCE

HISTORY

1. Explain the setting up of the first English factory on the banks of the river Hugli in 1651.
2. Describe the conflicts between the Bengal Nawabs and the East India Company .
3. In which famous battle Tipu Sultan was defeated by the East India Company?
4. How many Anglo Maratha Wars were fought? Mention the years.
5. Which were the two warfare technologies introduced by the East India Company?

CIVICS

1. Write a short note on Indian Constitution.
2. Explain any two features of Indian Constitution.
3. Describe the six Fundamental Rights written in the Indian Constitution.
4. How many members were there in the Constituent Assembly?

5. In which year the Constituent Assembly was formed?

GEOGRAPHY

1. Make an Assignment on “ Natural Vegetation and Wildlife of India”.

SUBJECT-SANSKRIT

- 1 दीर्घः सन्धेः पंच-पंच उदाहरणानि लिखत ।
 - 2 गुण सन्धेः पंच-पंच उदाहरणानि लिखत ।
 - 3 वृद्धिः सन्धेः पंच-पंच उदाहरणानि लिखत ।
 - 4 यण् सन्धेः पंच-पंच उदाहरणानि लिखत ।
 - 5 शब्द रूपाणि – नदी लिखत ।
 - 6 शब्द रूपाणि – मुनि लिखत ।
 - 7 शब्द रूपाणि – मधु लिखत ।
 - 8 नम् धातोः रूपाणि पंचलकारेषु लिखत ।
 - 9 चल् धातोः रूपाणि पंचलकारेषु लिखत ।
 - 10 चाणक्यस्य चित्रं निर्माय, तस्य श्लोकं त्रयं अपि लिखत!
 - 11 तव मित्रम् कक्षायां प्रथम स्थानं प्राप्तवान् । तम् प्रति वर्धापन-पत्रं लिखत ।
 - 12 स्वविद्यालयस्य वार्षिकोत्वसम् वर्णयन् मित्रम् प्रति पत्रं लिखत ।
 - 13 पर्यायाः शब्दाः लिखत –
सुरः, पदार्थः, सूक्ष्मः, सर्वः, कलत्रम्
 - 14 प्रथम पाठस्य प्रश्न संख्या – 2 हिन्द्यानुवादं कुरुत ।
 - 15 द्वितीय पाठस्य प्रश्न संख्या – 2 हिन्द्यानुवादं कुरुत ।
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SUBJECT-COMPUTER

1. What do you mean by Computer Networking? What is its use in the IT Industry?
2. Name and explain different types of computer network.
3. What is network topology?
4. Explain the different types of network topologies along with block diagrams.
5. In simple words explain the difference between peer-to-peer network and server-based-network.
6. Create a project on a chart paper, explaining Network Topology, all its types and draw the labelled diagram of all the types of Topologies.
