OXFORD PUBLIC SCHOOL, RANCHI
SUMMER HOLIDAY ASSIGNMENT (2018-19)
CLASS – VII

ENGLISH
Literature
1. Learn and write the word meanings of Lesson – 1and 2 in H.H.W copy.

Grammar
2. Write abstract nouns for the following:-
   Arrive, absent, boy, carry, child, obedient, equal, bear, act, protect, invite, vacant, popular, honest,know.
3. Write fifteen collective nouns in H.H.W copy.
4. You are Anupam, the editor of the school magazine, and want to hold an interschool competition to collect poems and drawings for the magazine before 30th June. Draft a notice for the students, inviting entries. Mention all details required like dates, prizes etc.
5. Write about Ruskin Bond in an A4 size paper and decorate beautifully.

COMPUTER
1. Differentiate between Internal and External Hardware with example.
2. Why is motherboard important in computer?
3. What is SMPS ?
4. What do you mean by the term Mail Merge? Write the three advantages of Mail Merge.
5. Write the steps for doing Mail Merge.

MATHEMATICS
1. Add the product of (-16) and (-9) to the quotient of (-132) by 6.
2. What should be divided by (-7) to obtain 12?
3. Evaluate using property
   (a) 25 X (-33) + 25 X (-17)   (b) (-19) X (-25) + (-19) X (-15)
4. Simplify $9\frac{5}{6}$ - $4\frac{3}{8}$ + $2\frac{7}{12}$
5. The cost of $5\frac{1}{4}$ kg of mangoes is Rs. 189. At what rate per kg are the mangoes being sold?
6. Each side of a square is $5\frac{2}{3}$ cm. Find its area.
7. A bus can cover 64.5 km in an hour. How much distance can it cover in 18hrs?
8. Each bag of cement weighs 49.5kg. How many such bags will weigh 2231 kg?
9. Each side of a polygon is 3.8cm in length and its perimeter is 22.8cm. How many sides does the polygon have?
10. Find 5 rational numbers between $\frac{-3}{5}$ and $\frac{-1}{2}$.
11. Divide   (i) 0.8085 by 0.35   (ii) 16.578 by 5.4
12. If a= -8 , b= -7 and c=6
    Verify that a x (b+c) = (axb) + (axc)
    Name the property used.

SCIENCE
Physics
1. Define the following terms:-   a) Heat   b) Temperature
2. State and explain sea breeze with a suitable diagram.
3. Differentiate between clinical thermometer and laboratory thermometer.
4. Why it is better to wear white clothes in summer?
5. Convert normal human body temperature from ^{0}C to ^{0}F.

CHEMISTRY
1. Collect and paste the different kind of Natural fibres (cotton, wool and silk) and artificial fibres (polyster, Nylon).
2. Write short notes (about 4-5 lines) on the above natural fibres and artificial fibres collected.
3. Write and learn the chemical formula of the following compounds:
   (a) Hydrochloric acid   (b) Sulphuric acid   (c) Nitric acid   (d) Sodium hydroxide
   (e) Potassium hydroxide   (f) Sodium chloride   (g) Sodium sulphate   (h) Potassium nitrate
   (i) Sodium carbonate   (j) Sodium hydrogen carbonate

4. Write the definition of the following terms:
   (a) Natural silk   (b) Shearing   (c) Sericulture   (d) Reeling of silk   (e) Acid rain

BIOLOGY

1. Define the following:
   (a) Parasites   (b) Saprophytes   (c) Insectivorous plants
   (d) Symbiotic plants   (e) Autotrophs   (f) Heterotrophs
2. Draw a plant and animal cell and write two points of difference between them.
3. Write the function of the following cell organs:
   (a) Cell membrane (b) Nucleus   (c) Mitochondria   (d) Cytoplasm   (e) Vacuole (f) Cell wall.

SOCIAL SCIENCE
History

I. Answer the following questions in your own word
   1. What were the three technological developments that took place during the medieval period?
   2. In what ways the meaning of the term Hindustan has changed over the centuries?
   3. Write short notes on the following
      (a) Travelogue   (b) Rajputra   (c) Cartographer   (d) Archives
      (e) Manuscript   (f) Inscriptions (g) Prashasti
   4. What were the three religious developments of the medieval period?
   5. How was the periodisation of history done by British and Indian historians?

Civics
II. Make a comprehensive project on Public and Private health care services in India in the scrap book.

Geography
III.   On an outline Physical map of India mark the following rivers of India
   (a) Ganga   (b) Brahmaputra   (c) Indus   (d) Narmada
   (e) Tapti   (f) Krishna   (g) Kaveri   (h) Godavari   (i) Yamuna

विषय – हिन्दी

निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार दें :–

1. आप ऐसे कौन–से कार्य करते हैं जिससे आपका देश–प्रेम प्रकट होता है?
2. अलबर्ट श्वाइट्ज़र के व्यक्तित्व की ऐसी कौन–सी विशेषताएँ हैं, जो उन्हें 'मसीहा' बनाती हैं?
3. जीवन में सफलता प्राप्त करने के लिए व्यक्ति का गुणवान होना जरूरी है। सफलता प्राप्ति के लिए आप किन–किन गुणों को अपनाना चाहेंगे?
4. भाषा और लिपि का क्या संबंध है? लिपि के न होने पर क्या–क्या हो सकता है?
5. इन भाषाओं की लिपि लिखिए –
   कश्मीरी –   स्पेनिश –   पंजाबी –   कन्नड़ –   फ्रेंच –   संस्कृत – उर्दू – जर्मन – अंग्रेजी –
6. वर्ण किसे कहते हैं?
7. मानव अंग से संबंधित दस मुहावरे लिखकर वाक्य में प्रयोग करें।
8. 'मेरे सपनों का विद्यालय' पर एक अनुच्छेद लिखें।
9. 'विज्ञान और मानव जीवन' पर एक निबंध लिखें।
10. क्रियाकलाप :– 'योग शिक्षा' पर एक विज्ञापन तैयार कीजिए।

विषय :– संस्कृतम्

1. उच्चारण स्थानानि स्मरणं कृत्वा तेषां सूत्राणां लिखत।
2. निर्देशित सन्धेः षड्–षड् उदाहरणानि लिखत – दीर्घ, गुण, यण् , वृद्धि, अयादि
3. अकारान्त, आकारान्त शब्द रूपाणि लिखित्वा स्मरन्तु – अज, राम, देव, लता, रमा
4. धातु रूपाणि (पंच लकारेषु) लिखित्वा स्मरन्तु – लिख्, पठ्, अस्, खाद्, चल्
5. पाठ्य पुस्तकात् शुल्क क्षमापनाय प्राचार्य प्रति पत्रं लिखत।
6. प्रदत्त पदानां मूलशब्दः, विभक्ति, वचनं, लिंगानि च लिखत।
   चक्षुः   मातरम्   प्रदानस्य   सदाचारात्   कर्मणः   ज्ञानाय   कपटेन   विवादाय
7. प्रथम द्वितीयेन पाठेन प्र०सं०–2 हिन्द्याम् अनुवादं कृत्वा लिखत।
8. पाठ्य–पुस्तक सहायतया अष्ट–सूक्तिपदानि लिखित्वा स्मरन्तु।

****