HOLIDAY HOMEWORK FOR WINTER VACATION
Class VIII

Subject : Biology | Subject Teacher: Mr. Sudip Chakraborty
1. Define Reproduction? What do you mean by sexual Reproduction ? Why sexual Reproduction is known as true Reproduction?
2. Describe male Reproductive system of human with diagram.
3. Define syngamy, Conjugation and viviparous types of germination.
4. What are menarche & menopause?
5. Write importance of Hormone on Reproduction?

Subject : Chemistry | Subject Teacher: Mr. Alok Kumar
1. What are the features for degrading the quality of water in India? Write notes on 150 words.
2. Make a project for condition of water in different states of India.

Subject : Physics | Subject Teacher: Mr. Koushik Roy
1. Star & Solar System – Ex. Solve.
2. Some Natural Phenomenon – Ex. Solve.

Subject : English | Subject Teacher:
1. Why didn't the narrator pay the school fees on the day he brought money to school?
2. What were the coins saying to the narrator?
3. Why didn't the narrator take the coins advice? Give two or three reasons?
4. What did the oldest coin tell the narrator?
   Did the narrator follow the coins advice? If not, why?
5. The narrator reached home with the coins in his pocket. What happened then?
6. Why didn't the narrator eat all the jalebis he had bought? What did he do with the jalebis?
7. The fear was killing me. What was the fear?
8. Children's stomachs are like digestion machines. What do you understand by that? Do you agree?
9. How did the narrator plan to pay the fees the next day?
10. When it is time to pay the fees, what does the narrator do? How is he disobeying the elders by doing so?
11. You have been caught in the basketball ground playing without permission. Write an application to the joint Director apologizing for the same.
12. Write a paragraph on 'Importance of spoken English' in about 100 words.
13. Write a letter to your mother asking about her well-being.

Subject : Geography | Subject Teacher: Mr. Sanjay Kumar Singh
1. What are the similarities & difference between Information technology industry in Bengaluru and California?
2. Cotton textile industry rapidly expanded in Mumbai. Why?
3. Why Osaka is known as the 'Manchester' of Japan.
4. On an outline of the world map mask the places which provide raw material to cotton textile industry (On the chart paper).

Subject : History | Subject Teacher: Mr. Sanjeev Ranjan
1. Who led the revolts of 1857 at Jhansi?
2. Name any five centers of revolt along with the name of the leaders.
3. Who was the first to declare the mutiny against the British?
4. Which reforms were resented by the Indian people and why?
5. Name any two women leaders of the revolt of 1857.
6. Why did the revolt of 1857 fail in achieving its objectives?
7. What was the importance of the revolt of 1857 ?

Subject : Civics | Subject Teacher: Mr. Sanjeev Ranjan
1. What do you understand by the term reservation in the context of upliftment of the backward classes ?
2. What is manual scavenging?
3. What is the supreme court's ruling on reservation ?
4. What are the difference between the fundamental rights and Directive principle of state policy ?
5. List on fundamental rights in sequence.
6. Why the right to constitutional remedies is know as the soul of Indian constitution ?

विषय :– हिन्दी | Subject Teacher: Mr. Alok Pandey

प्रश्न १. शब्द भंडार के अंतर्गत तत्सम, तत्भव, समानार्थी शब्द,पर्यायवाची शब्दों की परिभाषा तथा अभ्यास कार्य करके लाना है।

प्रश्न २. समास किसे कहते है ? उनके भेदों को परिभाषा एवं उदहारण सहित लिख ।

प्रश्न ३. हिंदी के महत्व पर निबंध लिखें ।

प्रश्न ४. वसंत के अध्याय १५-१६ का अभ्यास कार्य करना है।

Subject : Math (N.C.E.R.T Book) | Subject Teacher: Mr. Prem Prakash Mishra

Q. No.	Page No.
1, 2, 4, 9	208
3	209
1	213
7 and 10	214

Subject: Math | Subject Teacher: Mr. Sanjay Kumar Jha

Q.1.

i. Evaluate: $\frac{-100a^3}{20a}$

ii. Divide : $(32x^4y^3 - 16x^3y^4)$ by $(-8x^2y)$

iii. Factorize: $a^3b - ab^3$

iv. Factorize: $x^2 + xy - 2xz - 2yz$

v. Multiply: $(a - b)(a^2 + ab + b^2)$

vi. Find the factors of $(x^2 + \frac{1}{x^2} + 2 - 2x - \frac{2}{x})$

vii. If 32= 2P, then the sum of digits of 'P'.

viii. If $\frac{x^6}{x^2} = x^a$, then find the value of "a"

ix. 1 cubic meter ($1m^3$) = $\cdots$ … … .. liters.

x. 1 cubic centimeter (1 cm^3) = ……… ml.

xi. How many cubes of 10 cm edge can be put in a cubical box of 1m edge?

Q.2.

(I) Find the capacity of a tank of dimension $(8m \times 6m \times 2.5m)$ in liters.

(II). The difference between length and breadth of a rectangle is 23 meter. If its perimeter is 206m, find its area.

(III). "A" and "B" can do a piece of work in 6 days working together which 'B' alone can do in 9 days, in how many days 'A' alone can complete the work ?

(IV). "A" works twice as fast as "B". If both of them can together finish a piece of work in 12 days, then in how many days "B" alone can do it?

(V). The rates of working 'A' and 'B' are in the ratio 3:4, find the number of days taken by them to finish the work in the ratio.

(VI). 'A' alone can finish a piece of work in 10 days which 'B' alone can do in 15 days. If they work together and earn wages of Rs. 3000, find the share of each.

विषय :– संस्कृत | Subject Teacher: Mr. Devvrat Mishra

१. एकादशः अध्याय में वर्णित सावित्रीबाई फुले के बारे में व उनके योगदान के सम्बन्ध में हिन्दी में लिखें ।

२. एकादशः अध्याय के अभ्यास को अपने से स्वयं करें ।

३. विसर्ग सन्धि स्वयं से पठकर उन्हें लिखें —

   क) विसर्जनीयः सः

   ख) रोरि

   ग) हशि च्

४. निम्न के श्ब्द रुप लिखें और याद करें —

- सुधि
- साधु
- विश्वपाः
- मातृ
- गौ

५. निम्न के धातु रुप लिखें और याद करें —

- कृ
- इष्
- नृ
- स्था
- घ्रा

Subject: Computer Science | Subject Teacher: A K Singh

Chapter 7 all exercise questions.

FA: A. Q.No. 1 to 8.

        B. Q.No. 1 to 8.

        C. Q.No. 1 & 2.

SA   A. Q.No. 1 to 6.

        B. Q.No. 1 to 4.

        C. Q.No. 1 to 5.

        D. Q.No. 1

Subject: Creative Writing | Incharge : Mrs. Rita Mishra

- Open an email account on google and email a self-written poem (at least 4 lines) and a self-written story (at least 200 words) in English as mail-text to vvrslitclub@gmail.com. The hard-copy of the e-mail is to be submitted after vacation