HOLIDAY Homework

Class 10

English: 1. Notice writing – The school is going to participate in the Republic Day parade to be held next year in 2021. There will be a dance performance presented by a school from Jaipur. Among all the schools of Jaipur, only three will get an opportunity to perform. The auditions for the dancers will be held on Saturday. As the head girl /head boy of the school, write a notice to inform all the students, above class 5 about it.

2. Paragraph writing – Write a paragraph on the topic "E-learning: an effective learning tool".

3. Essay writing – Write an essay on the topic "What if you get magical powers like Harry Potter."

Maths: Revision of Chapters done. – Practice all exercises in rough copy

Hindi: i) **निम्नलिखित शीर्षक पर निबंध लिखिए** –

1. स्वच्छता का महत्व

2. नारी सशक्तिकरण

3. भ्रष्टाचार की समस्या और गिरते सांस्कृतिक मूल्य

4. विद्यार्थी जीवन में अनुशासन

ii) **पत्र लेखन** –

1. स्वयं को राजकीय उच्च माध्यमिक विद्यालय का छात्र मानते हुए प्रधानाचार्य को विद्यालय में खेल सुविधा बढ़ाने का निवेदन किया गया हो ऐसा प्रार्थना पत्र लिखिए

2. अपने क्षेत्र में विद्युत अभियंता को विद्युत आपूर्ति नियमित एवं पर्याप्त रूप से कराने हेतु अनुरोध पत्र लिखिए

3. अपने स्कूल के प्रधानाचार्य को पुस्तकालय की व्यवस्था सुधार हेतु एक प्रार्थना पत्र लिखिए

SST: Q1. Write about Indira Gandhi canal and Bisalpur project

Q2. Write about Food Grain Crops: Wheat, Rice, Maize, Millet

Science: Chapter- Electric Current

- ➢ All students are informed to watch all the videos again
- ➢ And make proper notes like-as offline classes
- ➢ And solve following questions are given below-

Q1. The rate of flow of charge is known –

Q2. Find the no. of electrons in 1 Coulomb charge.

Q3. Volt is a unit of –

Q4. 10 Coulomb charges are passes through an electrical circuit in 2 sec. Find the value of electric current in ampere.

Q5. How much work is required to transfer a charge of 2 Coulomb between two points with potential difference of 15 Volts?

Q6. In an electrical circuit potential difference is measured by –

Q7. Define OHM's law & draw its V-I characteristics.

Q8. Find the resistance of a conducting wire in which potential difference of 5 Volts is produced when 1.5A current passes through it?

Q9. Write down "dependence of resistance on temperature and material"

Q10. Joule/Coulomb is equivalent to –

Q11. Unit of Resistivity is –

Q12. Symbol of Resistance –

Q13. In the given circuit, find the value of current – 10 Ω 200 V, I -? K-?

Q14. Define relation between resistance and conductivity

Q15. If Q= 200 C

T= 20 Sec

Find I=?

Q16. Write down "dependence of resistance on Area of cross-section 4 length of wire".

Q17. If length of the wire becomes double by stretching then resistance will be –

Q18. Define Resistivity?

Q19. Fill in the blanks –

i) Specific resistance depends only _____

Q20. If length of the wire is 10m and resistance of wire 40 Ω and radius are 20×10^{-6} m. Then find resistivity of wire?

Make a PowerPoint presentation of four resistances showing the following combination and also find their effective resistance. All resistances are of equal value.

1. All four resistances are combined in series connection

2. All 4 resistance are combined in parallel connection

3. Two are combined in series and then 2 are combined in parallel.

4. Three are combined in parallel and then one is combined in series

Computer: Make a PPT on 'Cyber Crime and Cyber Law'

Skill Activities: (Bodily Kinesthetic) Make a video of your ward doing yoga and send the video on WhatsApp no. 8440005050.