Social Science

DISASTER MANAGEMENT PROJECT

ROLL NO. 1-5
FLOOD

ROLL NO. 6-10
EARTHQUAKE

ROLL NO. 11-15
WILDFIRE

ROLL NO. 16-20
DROUGHT

ROLL. NO 21-25
EPIDEMIC

ROLL NO. 26-30
PANDAMIC

ROLL NO. 31-35
CHEMICAL ACCIDENT

ROLL NO. 36-40
LANDSLIDE

ROLL NO. 41-45
CYCLONE

ROLL NO. 46-50
FIRE

ROLL NO. 51-55
VOLCANO

ROLL NO. 56-60
NUCLEAR ATTACK

ROLL NO. 61-65
EPIDEMIC

Topics are divided roll no. Wise. Though each student will prepare his/her own project work individually.
Which should include:

Page 1- Topic (Disaster management)
Page 2 - Sub-Topic (Offered topic name)
3) Index
4) Acknowledgment
5) Introduction
6) About specific topic offered
7) Preparedness
8) Conclusion
9) Bibliography

• Use A4 size file paper (one side ruled)
• Design cover page highlighting your topic clearly
• Include your name class section roll no. on the cover page
• Project should not be less than 10 pages

Class IX (Write in history copy)

What were the factors responsible for American revolution? Examine the effects of the revolution.

Approach:

• Briefly introduce American revolution
• Explain the various factors responsible for American revolution
• Mention the effects / outcomes of the revolution
• Conclude appropriately

Hindi

1 जैनेंद्र कुमार की कहानी 'खेल' पढ़ें और कहानी का सारांश लिखें।

2 अंधों का क्रिकेट की दुनिया के सरताज सुजीत मुंडा के बारे में जानकारी एकत्र करें और लिखें।

अथवा

शिक्षा और सामाजिक व्यवस्था पर किन्हीं बुजुर्ग से बात करें । उनसे हुई बातचीत को संवाद शैली में लिखें।

Hindi

1 कम से कम 10 देश भक्तों की सूची तैयार करें। इनमें से किन्हीं एक के बारे में विस्तार से लिखें।

2 आत्मविश्वास सफलता की कुंजी है।

अथवा

मन के हारे हार है मन के जीते जीत को आधार बनाकर एक कहानी तैयार करें।

English

Read the book 'Wings of Fire' by APJ Abdul Kalam and write a book review for the same-
Creation with Proverb. Describe any of following proverb in your own words. You should also add pictures to make it creative.
* The pen is mighter then a sword.
* 'No pain No gain' Do in A4 Size sheet.
* Write all the poetic devices with examples in the chart paper.

Maths

Q.01- Solve the following and find 3 rational between
 I) 1/3 & ½ II) -2 & 0
Q.02- Write 2 rational numbers between 2/3 & 5/6
Q.03- Which of the following decimal have terminating I) 7/20 II) 2/13 III) 23/7 IV) 133/125 Q.
04- Express these in the form of p/q I) 0.$\overline{6}$ (Bar 6) II) 0.$\overline{27}$ (Bar 27) III) 3.$\overline{7}$ (Bar 7)
Q.05- Identify that following are rational or irrational I) √121 (Root 121) II) (3+√5)-√5 III) 2√27 / √3 (Root 27 & root 3) IV) √135 (Root 135) V) 1.$\overline{21}$ (Bar 21) VI) 1.101001000…….
Q.06- Rationalise I) √5 / √3+√2 II) 2+√3 / √7-√2 III) 4 / √7+√3 Q.07- Find the value of a & b, if I) √3-1 / √3+1 = a+b√3 II) √3+2 / √3-2 = a+b√2 III) √7-1 / √7+1 - √7+1 / √7-1 = a+b√7
Q.08- Simplify the following I) (√2+2)2 II) (2-√2) (2+√2) III) (√2+√3)2
Q.09- Find the remainder when (y3+y2-2y+5) is divided by (y-5) with division method.
Q.10- Find the remainder when polynomial (x4-3x2+2x-5) is divided by (x-2) by remainder theorem.
Q.11 Solve question from NCERT exemplar question from chapter 3, coordinate geometry.

IT

On 8th Nov 2016, the Indian government has announced that the currencies of rupees 1000 and 500 is not acceptable over the Pan India. Due to sudden announcement of demonetisation lots of people had faced several problems even they had money but couldn't buy necessary goods. After some days of demonetisation people were standing in front of bank, ATM & post office since morning to evening to exchange the currencies. During that period lots of people lost their lives. The reason behind the demonetisation to control the fake currencies as well as corruption but now a days fake currencies are active. But due to demonetisation transactions are held with digital payments like UPI, PHONEPAY, Paytm etc. Since demonetisation, digital payments is growing with fastest payments system.
1. What do you mean by demonetisation?
2. Do you think after demonetisation fake currency and corruption are stopped?
3. Do you think demonetisation was right decision to control the corruption and fake currency? If No, what would be the alternate option?
4. What is digital payment system? How it works?
5. Analyse and research how many people lost their lives during the demonetisation?
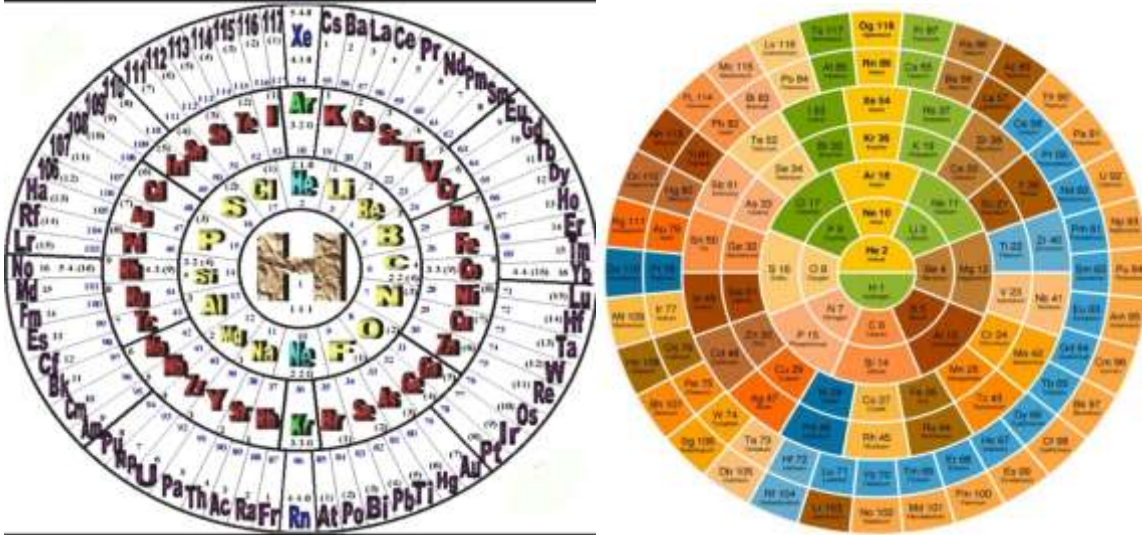
Physics

1) Describe an activity to show that the direction of motion of a body moving in a circular path is different at different position of the circular path.

2) Derive v=u +at, by graphical method.

Chemistry

Find out the latent heat of fusion and vaporization of potable water in your home.

PROJECT WORK - Draw the circular form of the long form periodic table.

Biology

1. In bacteria a nucleus is not observed but do have genetic material. They do not contain membrane covered cell organelles but carry out all the celluar activities like the cells of higher organisms. Some bacteria have photosynthetic pigments but chloroplasts do not occur. A cell wall occurs on the outside but it does not contain cellulose. Flagella can be present but they are quite different from flagella of other organisms.

i) What is the name of genetic material contained in bacteria?

ii) Where are photosynthetic pigments located in photo- autotrophic bacteria?

iii) Bacterial cell wall is formed of which kind of substance?

iv) Bacteria belong to prokaryotes. Justify it.

2. Two beakers A and B contain plain water and concentrated sugar solution respectively. Equal number of dried raisins are kept in them for a few hours and then taken out.

a) Explain the reason for difference in the physical appearance of raisins which were taken out of the two beakers.

b) On the basis of above observation, categorise the two solutions as hypotonic and hypertonic.

3. To prepare stained temporary mount of onion peel and to record observation and draw their labelled diagram. (Do in practical copy)

4. A person takes concentrated solution of salt. After some time he starts vomiting. What is the phenomenon responsible for such a situation? Explain.

5. Write a short biography about famous scientist Rudolf Virchow, expanded the cell theory in 300 words.

Sanskrit

आप गर्मी छुट्टी में ठण्डे प्रदेश का भ्रमण कर रहे है। इस पर एक काल्पनिक[1] यात्रा का मानसिक[1] चित्रण करते हुए अपनी मानसिक[1] यात्रा का वर्णन करें।[3] 500 शब्दों में ´ नोट [1] यात्रा[1] क्षेत्र की जानकारी के लिए गुग्गल अथवा युट्यूब से सहयोग ले सकते है।