



SACRED HEART SCHOOL

Jhumri Telaiya, Koderma

ASSIGNMENTS FOR SUMMER VACATION (2024-25)

CLASS - IX

SUBJECT-HINDI

रसखान ने अपने सवैये में ब्रज और गोकुल की चर्चा की है। पता कीजिए कि ब्रज और गोकुल किस राज्य में है? उस राज्य की राजधानी कहां है और वहां के मुख्यमंत्री कौन हैं? उस राज्य में कौन-कौन से ऐतिहासिक धरोहर हैं? किसी एक पर अनुच्छेद लिखें।

SUBJECT- SANSKRIT

नवम वर्गस्य गृहकार्य :

- 1.) द्वितीय पाठ : स्वर्णकाकस्य कथाम् पंचाशत अधिकोशतम शब्देषु स्वस्मरणेन लिखत ।
- 2.) पठ, खाद, हस, पा धातुनाम् धातुरूपम् पञ्चलकारेषु लिखत ।
- 3.) बालक, लता, फलम् शब्दस्य रूपाणि स्वस्मरणेन लिखत ।

SUBJECT- ENGLISH

1. Revise all the lessons that have been taught so far.
2. Read the Newspaper daily and write only one news article under the given headings like National, International, Sports, Glamour, Business and express your views on it.

Writing Skills

3. Computers are a storehouse of knowledge and wisdom and they are hazardous too. Write an article on the topic 'The benefits and harms of computers'. Word limit is 180-200 words.
4. You encountered two strange people. They were different from normal human beings but they were quite interesting and exciting. As Manish\Manisha, using your ideas, write a story in about 150-200 words narrating your experience with them.

Thinking Skills

5. Write a self composed poetry on the given topics with minimum 4 stanzas

A) Music B) I am blessed C) My school My pride

(NOTE- Do the given homework in A4 size ruled sheet)

SUBJECT- 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 into roll no. wise. Though each student will prepare their 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 and 9) Bibliography

* Use A4 size paper (one side ruled)

* Design cover page highlighting your topic clearly

* Include your name, class, section and roll no. on the cover page.

* Project work should not be less than 10 pages

SUBJECT- MATH

- 1) Solve NCERT exemplar of polynomial**
- 2) Watch the movie Ramanujan and write its analysis in 300 words.**

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

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

SUBJECT-CHEMISTRY

Write and submit the complete procedure of the plantation in stick file.

Topic-observe 10 scientific phenomenon takes place in our daily life.

SUBJECT- PHYSICS

1. Define the following physical quantities: Distance, Displacement, Speed, Velocity, uniform Motion, acceleration,
- 2) Solve given problems by graphical methods from chapter Motion.

SUBJECT-I.T.

1. In the era of digital India, market of online shopping is growing fast. Why people are preferring online shopping more than traditional shopping?
2. What are the advantages and disadvantages of online shopping?
3. How does online shopping impact on offline shopping? (traditional shopping)