

SHREE SANATAN DHARM EDUCATION CENTRE
CLASS – XI
SUMMER VACATION HOMEWORK
SESSION 2018-19

English- Revise all the work done. (Do all the work in your language Notebook)

- Q.1- You are Kamini/Komal of Chanakyapuri, Agra. The main road leading to your locality has three open man holes, causing frequent accidents at night, specially during the rainy season, write a letter to the Editor, The Times of India, drawing attention of the Municipal Commissioner to this problem.
- Q.2- Write an article in 150-200 words on the topic 'Poverty is the Cause of All Evils'.
- Q.3(a) You are Vinita/Vikram, the Head Boy/Girl of St. Thomas School, Faridabad, Write a notice informing students about the 'Cancer Awareness' camp to be organized in your school. (50 words)
- (b) You are the Secretary of Rotary club Meerut. You are going to organize a cultural programme in aid of the victims of the recent floods in Assam. Write a notice inviting the members of the club to participate. (50 words)
- Q.4- Vocabulary : Pg. 1 – 10, Revise all covered in Literature and Grammar so far.

Maths – Sets, Relation And Function, Trigonometry from R.D. Sharma/M.L. Agarwal.

Physics – Worksheet based on chapters units and Measurements and Motion in straight line, project on these topics – Bernoulli's Theorem, viscosity of Fluids, Heat Engine, S.H.M.(Simple Harmonic Motion)Waves

Chemistry

- Q.1- On the basis of VSEPR theory give the geometry of the following molecules:-
(i) BeF₂ (ii) SO₂ (iii) SiF₄ (iv) NCl₃ (v) SF₄ (vi) ClF₅
- Q.2- Read Chapter 14 – 'Environmental Chemistry' and answer the following question:-
I. Write a short note on water pollution.
II. Distinguish between classical and photochemical smog.
III. What is BOD.
IV. What are pesticides and herbicides? Explain giving examples.
V. What do you understand by the term Green Chemistry?

Biology- (1). Complete the project as well as practical Record.
(2). Learn the given sheet.

Accountancy– Do the given Sheets in Accounts Register.

B.St. - Do the given application based Questions.

Economics – Do the given Ques. in separate sheets.

1. What does the slope of PPF/PPC indicate?
2. "An economy always produces on, but not inside, a PPC". Defend or refute.
3. What is MOC? Explain with an example.
4. Why does the problem of 'what to produce' arise? Explain.
5. State the problems relating to 'allocation of resources in an economy.
6. Does a rise in price of other goods have same effect on demand for a commodity?
7. What is the relation between good X & good Y in each case, if with a fall in price of X demand for good Y (i) rises and (ii) falls? Give reason.
8. Differentiate between micro and macro economics.
9. Give the various reasons for shift in production possibility curve.
10. State the assumptions on which PPC is based.

Statistics – Do the given Sheet in Statistics Register.

MM- Do the given sheets in C.S Register.

IP – Do the given Sheets in I.P notebook.

P.Ed.- Athletics chapters – Theory, project work – Chess board.

हिन्दी –

क. पत्र लेखन –

1. आपके जिले के जनगणना आयुक्त को वर्ष 2018-19 की जनगणना के लिए कुछ सहायकों की आवश्यकता है। अपनी योग्यता, रुचि आदि का विवरण देते हुए एक आवेदन पत्र लिखिए।
2. सार्वजनिक स्थानों पर धूम्रपान निषेध नियम के उल्लंघन को लेकर राज्य के पर्यावरण मंत्री को पत्र लिखें।

ख. निबन्ध लेखन –

1. खेलकूद में उभरता भारत
2. किशोर में बढ़ती अपराध वृत्ति

ग. आलेख – लेखन –

1. मैली हो रही गंगा
2. गरीब व्यक्तियों को चिकित्सा सुविधाओं का अभाव (नोट – पत्र, निबंध, आलेख, व्याकरण, पुस्तिका में लिखें)

घ. गतिविधि –(परियोजना)

आपके शहर या कस्बे के सामाजिक जीवन, संस्कृति और मानवीय संबंधों आदि में पिछले दो वर्षों में परिवर्तन आए हैं, यह जानने के लिए ऐसे पाँच वरिष्ठ लोगो से बातचीत कीजिए जो पिछले दो-तीन वर्षों से उसी शहर व कस्बे में एक शिक्षक, दुकानदार, वकील, डाक्टर और सरकारी कर्मचारी के रूप में काम कर रहे हो। एक प्रश्नावली बनाकर उनसे साक्षात्कार (इन्टरव्यू) कीजिए। उससे यह जानने की कोशिश कीजिए कि पिछले दो वर्षों में आपका यह शहर या कस्बा कितना बदल गया है? इस बदलाव का वहाँ के सामाजिक एवं सम्बन्धों पर क्या असर पड़ा है। इन बदलावों के क्या कारण हैं, इसे एक परियोजना के रूप में तैयार कीजिए।