

KAMLA NEHRU HR. SEC. SCHOOL (C.B.S.E.)

HOLIDAY HOMEWORK SESSION 2018-19

CLASS – XI (SCIENCE)

INSTRUCTIONS :

(1) All have to do Holiday H.W. in proper way in good hand writing. (2) Activity based of H.W. should be done by the child with his/her own creativity. (3) Theoretical part should be done after understanding it well. (4) During holidays students should follow day schedule. (5) Students must pay proper attention towards their diet and hygiene during summer break. (6) If going to visit some places then make this moment memorable and make for the same record. (7) If hand writing is not good then write daily one page of cursive writing. (8) Try to improve your spoken as well as written English. (9) Submission of Holiday Home Work after reopening of school. (10) All these questions must be done in fair copy (Note Book)

ENGLISH

- Q.1 Define the following term :- Satire, Metaphor, Simile, Personification, Irons.
- Q.2 Write an article in about 100 words on the need for holidays in modern stressful times.
- Q.3 In modern times the old people are not loved but neglected it the duty of the young to look after their old parents and grandparents. Share your views.
- Q.4 you are Seema/Sandeep of 25 A Vasant Vihar, Dehli. Write a letter to the manager of ABC Company Complaining about the mobile telephone, which in not functioning well and the voice is not clearly audible.
- Q.5 Prepare a poster about the importance of books for putting up in a library.

CHEMISTRY

- Q.1 One of the active areas of research in chemistry is Supramolecular chemistry. Prepare a project on Supramolecular Chemistry on loose A4 sheets spirally bound elaborating on the following points (a) Synthesis (b) Structural Units.(c) Applications as a catalyst (d) Application as a drug delivery agent (e) Application as molecular switch.
- Q.2 Disinfectants are substances which are applied on inanimate objects to kill microbes (like floor cleaners). You can easily prepare a disinfectant on your own. Take a litre plastic bottle. To it add 3 tbsp borax powder & then add 700 ml warm water & shake it well. Then add 4 tbsp of white vinegar & shake to combine. You can add some more things to make it more effective like neem oil, 1 tbsp of liquid dish washer or tea-tree oil you can search for other methods but do not use any which may be corrosive. Choose a small corner of your house where you can apply it & observe its effectiveness. Compare it with the disinfectant you normally use like domex and lizol. Is it more effective? Justify your answer with arguments.
- Q.3 Green Chemistry encourages the design of products and processes that minimize the use and generation of hazardous substances. Think of ways to introduce Green chemistry in the practicals that are performed in chemistry lab. Submit your suggestions and the best ones may be introduced in the next academic session.

BIOLOGY

- Q.1 Which group comprises of single celled eukaryotes only?
- Q.2 Give the characteristics of porifera with examples and diagram.
- Q.3 What is mesogloea? Where is it found?
- Q.4 What is the difference between class Amphibian and class Reptilian?
- Q.5 Write-down detail classification of phylum arthropod.
- Q.6 Who gave five kingdom classification ? What was the criteria used for such classification
- Q.7 List the characteristic features of class Mammalian.
- Q.8 Who gave five kingdom classifications? What was the criteria used for such classification
- Q.9 List the characteristic features of class pices.
- Q.10 Which phylum consists of organisms with cellular level of organization ?

MATHS

- Q.1 Write and learn all the trigonometric formula.
- Q.2 Draw the graph of quadratic, cubic, greatest integer, rational and trigonometric functions.

COMPUTER SCIENCE

- Q.1 What is a computer?
Q.2 What is applications software? Explain its types.
Q.3 Convert following Decimal Numbers to Binary. 486, 267, 314, 9245, 211
Q.4 Convert following Binary Numbers to Decimal. 10111011, 11100101, 11110, 11110001, 10101
Q.5 Convert following Hexadecimal Numbers to Decimal. A6E, BDE, 7AB4, FACE, CAB

HINDI

- प्र.1 मिसाइल मैन डॉ. ए.पी.जे. अब्दुल कलाम पर निबंध लिखो।
प्र.2 किसी आँखो देखा प्राकृतिक दृश्य पर प्रतिवेदन लिखो।
प्र.3 डाक अधीक्षक भोपाल को एक प्रार्थना पत्र लिखिए जिसमें पोस्ट मैन द्वारा डाक वितरण में अनिमितता की गई हो।
प्र.4 कबीर ने अपने को दीवाना क्यों कहा है?
प्र.5 नमक का दरोगा कहानी में कौन-से दो पहलू उभर कर सामने आते हैं, स्पष्ट कीजिए।

PHYSICAL EDUCATION

PART - A

UNIT - 1

- Q.1 Define Physical education? Q.2 What is sports bio-mechanics?
Q.3 What is sports management? Q.4 Explain about dynamic friction?
Q.5 What do you understand by projectile? Q.6 Discuss about importance of physical education?
Q.7 Discuss about misconceptions of PE? Q.8 Explain the laws of motion?
Q.9 Briefly explain about advantages & disadvantages of frictions?

UNIT - 2

- Q.1 "CAREER ASPECTS IN PHYSICAL EDUCATION" Give your comments in brief? (500 words)

UNIT - 3

- Q.1 What is Olympic movement? (1000 words)

PART - B

UNIT - 1

- Q.1 COMPREHENSION :- BASKET BALL & BADMINTON
1- History of game?
2- Latest general rules of the games?
3- Specifications of playfields & related sports equipments?
4- Important of tournaments & venues?
5- Sport personalities?
6- Proper sports gear & its importance
Q.2 Prepare your practical file in you specialization?

PHYSICS

- Q.1 Make project report on units and dimensional formula of various physical quantities.