

D.A.V. BURHAR PUBLIC SCHOOL ,BURHAR

HOLIDAY HOMEWORK (2017-18)

Class-IXTH (A+B)

PHYSICS

- State whether speed is scalar or vector quantity. Give reason for your choice.
- Bus X travel a distance of 360 km. in 5 hrs. where as bus Y travel a distance of 476 km in 7 hrs. which bus travelled faster .
- Write the formula of acceleration . give the meaning of each symbol which occurs in it.
- A train travel the first 15 km at uniform speed of 30 km per hrs, the next 75 km at uniform speed of 50 km per hrs and the last 10 km at uniform speed of 20 km per hrs. calculate the average speed for the entire train journey.
- What is of the S.I. unit of the given physical quantities:-
 1. Displacement
 2. Speed
 3. Velocity
 4. Acceleration
 5. Average speed.

Biology

1. Prepare a chart /table (in your note book) of comparative study of all the cell organelles included in the syllabus. The table or chart will include the name of cell organelles, structure, function and special features.
2. NCERT in text and end of the chapter, questions of the taught lesson.
3. Note book completion.

Social science

1. Write 20 very short, 15 short and 5 long answer type questions and answers from the following chapters.

a. History of Sports (History)

b. Constitutional design (Democratic politics)

c. The story of village Palampur (Economics)

2. Complete your copy and learn 'Physiographic division of India' and 'Physical features of India' for periodic test (Geography)

3. Prepare a Model / Project on physiographic division of India and show flow of rivers using cotton, clay, sand, paper pulp or any other innovative idea /creativity.

Or

Prepare a Model / Project on India's extents, states, neighboring countries, national and international boundaries etc. by using cotton, clay, sand, paper pulp or any other innovative idea /creativity.

Teacher: Mr. R.K.Tiwari (For any query, Cont. 8965962030)

Maths

1. Solve the examples of chapter 1 and 2.
2. History of **Archimedes, Aryabhata and S.Ramanujan** (any one) and include the following points:
 - Date of birth
 - Birth place
 - Country
 - About family and education
 - Achievements
 - Famous for
 - Death
2. To make the chart of the process of successive magnification.
3. To make the chart of formulas and identities and learn them
(From all chapters)
4. Write the role of Geometry in our daily life.
5. Prove geometrically these identities
 1. $(a+b)^2 = a^2 + b^2 + 2ab$
 2. $(a-b)^2 = a^2 + b^2 - 2ab$
 3. $a^2 - b^2 = (a+b)(a-b)$
 4. $(x+a)(x+b) = x^2 + (a+b)x + ab$

Teacher: Mr. H.K.Shukla (For any query, Cont. 9165232477)

हिन्दी

1 निबंध कश्मीर की समस्या और देश में बढ़ता आतंकवाद

या

राजनीति में बढ़ता भ्रष्टाचार

2 पत्र

कक्षा नवमी की पाठ्य पुस्तकें मँगवाने हेतु अपने नगर के किसी पुस्तक विक्रेता को एक पत्र लिखिए जिसमें पुस्तकों की रुचि भी संलग्न हो।

3 यमक एवं श्लेष और रूपक तथा उपमा अलंकार में अंतर स्पष्ट कीजिये

4 बहुब्रिही एवं कर्मधाराय समास में अंतर स्पष्ट कीजिये

5 मैंने गर्मी की छुट्टियाँ कैसे बिताईं लगभग 100 शब्दों में लिखिए

English

1. Question no 11 of page 11 from main course book, do in file.

2. Read biography of Dr A.P.J.Abdul kalam and jot down the inspiring facts in file.

3. Make ppt on important poets with their one poem, present in literature book and make the ppt for at least 10 figure of speech with example.

4. Read novel Gulliver's travel and write at least 5 main characters from part 1 and 2 and similarly 5-5 important facts from the same chapter.

5. Everyday reading, writing and listening to be done.

6. Write 1-1 letter (formal and informal) and a story with moral and title in file.

1- Project should be done on A- 4 size sheet.

2- Make cover page and write your name, class, section, school, subject, topic,

Under guidance, on the front cover.

3- Use sketch pens, marker, gel pens, crayons etc. to make your project effective.

4- The Project Report will be handwritten and credit will be awarded to original drawing.

5- Collect and paste the related pictures and photographs.

Sanskrit

1. चित्रकथा लेखनम् 2

2. शब्दरूप लेखनम् – कुल 29

(गच्छत् , विद्वस, भवत्, राजन्, पयस्, मनस , मति, गुरु, नदी, पितृ, मातृ, कवि, लता, राम, धेनु, अस्मद्, युष्मद्, तत्, एतत्, इदम्, किम्, तीनों लिंग में याद करने के उपरांत कॉपी में लिखें)

3. धातुरूप लेखनम्

पंचलकारेषु नम्, स्था, दृश, गम्, पा, भू, रक्ष, कृ, अस्, पठ) पर० पद

आत्मनेपद-(सेव,लभ ,रुच, वन्द ,शुभ ,मुद)

4 संख्यालेखनम् – 1 से 100 (1 से 4 तक शब्दरूप)

5 अव्यय लेखनम्

6 प्रथम एवं द्वितीय पाठ का व्याकरणगत अभ्यास कार्य अतिरिक्तप्रश्न प्रत्येक पाठ से 10 -10

7 चार्ट पेपर पर --वर्णफूल , महेश्वर –सूत्राणी ,वर्णोच्चारण
