

Guru Gobind Singh Public School

Sector V/B, B.S.City
Holiday Homework
English

1. Write ten new words from the dictionary everyday and learn the spellings and word meanings.
2. Write a report on "Annual Sports Day"
3. Do comprehensions from the Grammar book.

Note: Do the above homework in a file.

Mathematics

1. Evaluate:

$$\left\{ \left(\frac{1}{2} \right)^{-3} - \left(\frac{1}{3} \right)^{-2} \right\} \times \left(\frac{1}{4} \right)^{-3}$$

2. If $a+b=12$ and $ab=14$. Find the value of a^2+b^2
3. Factorise the numerator and simplify

$$\frac{y^2 - 6y - 40}{y - 10}$$

4. A sum of money was lent for 2 years at 20% interest, compounded annually. If the interest is compounded half yearly, the interest would be Rs. 241. Find the sum.
5. A certain piece of work can be completed by 108 men in 30 days. After 5 days, 8 men leave the job but 35 more men are employed. How long will the job take to be completed?
6. A car travels 54km in 45 minutes. Express its speed in meters/sec.

Science

Physics

1. Draw and label the (a) "Structure Of Human Eye" and described all its parts .
(b) Structure of earth.
2. Draw "A view of lightning striking a building" and write 5 lines on it.
3. There are three small bones in the middle ear.
 - (a) Name the three bones.
 - (b) Which of these bones is in touch with oval window?
 - (c) Which of these bones is in touch with ear drum?
 - (d) Which bone is in touch with the other two bones?

Note: do all work in a chart paper.

Chemistry

1. Write all the Question/Answer of "Chemical Effect Of Electric Current".
2. Draw a diagram of candle flame and its different zones on a chart paper.

3. Learn answers of coal and petroleum.

Biology

1. Write 100 spellings from the chapters taught.
2. Write all the answer for chapter "Reaching the age of adolescence"
3. Draw male reproductive system and female reproductive system in chart paper.

Social Science

History & civics

1. Paste the pictures of moderates and extremists leaders of congress and write five lines on them.
2. Give reasons why
 - a) Bengal was partitioned
 - b) the Muslim league was set up.
 - c) The revolutionaries did not achieve success.
 - d) The civil disobedience movement was called off.
3. On a political map of India mark five centres of nationalist movement.
4. On an outline map of India mark major centres of the Civil Disobedience Movement.
5. Prepare a poster on the social evils related to the condition of women. (civics- ch- 8)
(Note: do in a thin copy.)

Geography

1. Collect some samples of cereal grasses or grain of wheat, rice and maize and mention the countries where they grow.
2. With the help of pictures compare the farm of USA and India.
3. On an outline map of the world show:
 - a) Osaka
 - b) Silicon valley
 - c) Pittsburg
 - d) Densely populated areas
 - e) Sparsely populated areas
 - f) Moderately Populated Areas
4. On the outline map of India, show:
 - a) Ahmedabad
 - b) Bengalur
 - c) Jamshedpur
 - d) state having high literacy rate
 - e) state having high population rate

Computer

1. Write a program to enter a number (between 1 to 12) and prints its months name.
2. Write a program to check whether the number is divisible by 4 and 8.
3. Write a program to perform arithmetical operation as per given user's choice
press:
 - a. Addition
 - b. Subtraction
 - c. Multiply
 - d. division
4. Write a programme to input marks of 5 subject of a student and calculate total, percentage and print the grade as per given condition. if
 - present > 90 % "A1" Grade
 - Present > 80 % "A2" Grade
 - Present > 70 % "B1" Grade
 - Present > 60 % "B2" Grade
 - Present > 50 % "C1" Grade
 - Present > 40 % "C2" Grade
 - Present > =33 % "D" Grade
 - Present < 33 % "Fail"

हिन्दी

1. हाथियों की अनेक प्रजातियाँ होती हैं। उनके बारे में जानकारी एकत्रित कर चित्र के साथ लेख प्रस्तुत करें
 2. साइकिल बनानेवाली मुख्या कंपनियों के नाम बताएँ।
 3. सम्राट अशोक ने बौद्ध धर्म के प्रचार-प्रसार के लिए क्या क्या किया? चित्रों का संकलन कर उनके बारे में लिखें।
1. जमा करने की तिथि :- 05.01.2018
2. कार्य फाईल पेपर में करे।

संस्कृत

1. वाराणसी नगरी का वर्णन करते हुए वाराणसी नगरी का चित्र बनाकर "वाराणसी नगरी" विषय पर संस्कृत में एक लघु अनुच्छेद लिखें। (चार्ट पेपर पर)
2. "गीतोपदेशाः" पाठ पर आधारित पाँच श्लोक तथा उनके अर्थ लिखकर एवं श्रीकृष्ण अर्जुन का उपदेशात्मक चित्र चॉर्ट पेपर पर बनायें।
3. व्याकरण पुस्तक से कोई भी दो चित्रवर्णन पुस्तक में ही पूरा करे। (पेन्सिल से)
4. व्याकरण पुस्तक से कोई भी दो पत्रलेखन पुस्तक में ही पूरा करे। (पेन्सिल से)
5. शब्द रूप- इदम्, तत्, किम् का तीनों लिंगों में याद करे।
6. धातुरूप - गम्, अस्, भू, कृ का लट्, लृट्, लङ्, लोट् लकार में याद करें।