

ENGLISH

- Q1. To make an art integrated project on Lakshadweep, Andaman and Nicobar Island.
- Q2. Suppose that you were on a morning walk and caught in a heavy storm, how did you manage to save yourself? Compose a story within 150 words.
- Q3. Write a letter to the editor of an English daily, making a plea to the common people to switch over to solar energy to conserve electricity and limit electricity bills.
- Q4. Do reading of the chapters OF PERIODIC TEST – I syllabus and make the summary of each.
- Q5. Learn and revise all the syllabus of PERIODIC TEST-I.

MATHS

1. A seminar is being conducted by an Educational Organisation where the participants will be educators of different subjects. The number of participants in Hindi, English and Mathematics are 60, 84 and 108 respectively.

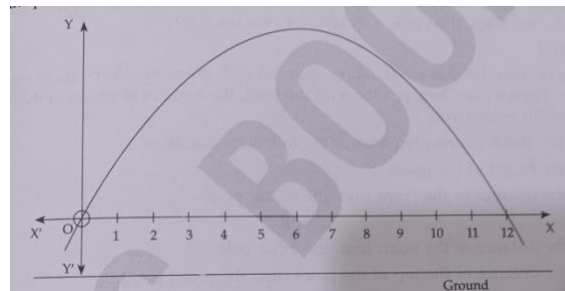
Based on above information answer the following questions:

- Express 108 as product of its prime?
- In each room the same number of participants are to be seated and all of them being of the same subject. Find the maximum number of participants that can be accommodated in a room.
- Find the product of HCF and LCM of 60, 84 and 108.

2. During an inter school competition, a shot put event was organized. The objective of this game is to throw a heavy spherical ball as far as possible. The graph given below depicts the path covered a shot put by a player.

Based on above information answer the following questions:

- what is the shape of the path covered by the shot?
 - Find the number of zeroes of the polynomial.
 - If S denotes the sum and P denotes the product of the zeroes, the form a quadratic polynomial in terms of S and P .
3. The sum of a two digit number and the number obtained by interchanging the digits is 132. If the two digits differ by 2, find the number.
4. Two coins are tossed simultaneously. What is the probability of getting
- atleast one head
 - atmost one tail
 - a head and a tail
5. Do activities in Lab Mannual as discussed in class.



SOCIAL SCIENCE

General Instruction

Do all the homework in your subject notebooks and project on Coloured A-4 size sheets in a separate file.

- Q1. How Growth and Development are different? Discuss.
Q2. How powers are being shared in your families?
Q3. Case study- A terrorist attack-Who will handle(State government or Union government)? Why?
Q4. Make an art integrated project where you have to include Andaman and Nicobar islands and Lakshadweep islands. You have to compare these two islands with Delhi on the basis of -
a) Location of these on Political map of India (Map work)
b) Weather and Climate
c) Occupations
d) Crops grown
Q5. Revise full syllabus of Periodic Test-1 covered yet. Learn them properly for assessments.

SCIENCE

1. A battery of 9 V is connected in series with resistors of 0.2 ohm, 0.3ohm, 0.4 ohm, 0.5 ohm and 12ohm. How much current would flow through the 12 ohm resistor?
2. A resistor has a resistance of 176 ohms. How many of these resistors should be connected in parallel so that their combination draws a current of 5 amperes from a 220 volt supply line?
3. When metal X is treated with a dilute acid Y, then a gas Z is evolved which burns readily by making a little explosion.
 - (a) Name any two metals which can behave like metal X.
 - (b) Name any two acids which can behave like acid Y.
 - (c) Name the gas Z.
 - (d) Is the gas Z lighter than or heavier than air?
 - (e) Is the reaction between metal X and dilute acid Y exothermic or endothermic?
 - (f) By taking a specific example of metal X and dilute acid Y, write a balanced chemical equation for the reaction which takes place. Also indicate physical states of all the reactants and products.
4. Make a project report on kidney dialysis including
 - a) What is meant by dialysis?
 - b) What type of patient is put on dialysis?
 - c) Explain the principle of dialysis with the help of a labelled diagram.
5. Draw 3D charts/working model on any one of the following topics
 - a) Pumping of heart
 - b) Digestive system
 - c) Respiratory system
 - d) Excretory system
 - e) Human brain
 - f) Nervous system
6. Prepare an art integrated project.

कक्षा - दसवीं

प्रश्न 1. जो लोग अशिक्षित या कम पढ़े लिखे होते हैं, क्या वे जीवन की समस्याओं को हल करने में असमर्थ होते हैं?

पाठ 'बड़े भाईसाहब' के आधार पर स्पष्ट कीजिए।

प्रश्न 2. अपनी साखियों द्वारा कबीर क्या संदेश दे रहे हैं?

प्रश्न 3. मीरा के पदों व्याख्या अपने शब्दों में कीजिए।

प्रश्न 4. वर्तमान समय संयुक्त परिवार की आवश्यकता विषय पर लगभग 120 शब्दों में अनुच्छेद लिखिए।

प्रश्न 5. दस सरल वाक्य लिखिए तथा उन्हें संयुक्त और मिश्र वाक्य में रूपांतरित कीजिए।

प्रश्न 6. कला एकीकृत परियोजना (Art Integrated Project)

दिल्ली - अंडमान निकोबार व लक्षदीप

की संस्कृति वेशभूषा एवं जीवन शैली का तुलनात्मक अध्ययन कीजिए तथा परियोजना तैयार कीजिए।