

English Assignment 1
Class- 9th
Ch-1 (The Lost Child)
(MOMENTS)

Short answer questions

1. Why did the child not ask for his favourite burfi?
2. The child knew that his parents would not buy him a garland of gulmohur. Why?
3. What made the child resist his desire to ask for a balloon?
4. How did the mother distract the child's mind from the toy seller?
5. How did the snake-charmer perform his tricks?
6. What happened when the "lost child" entered the grove? How did he enjoy there?
7. How was the child separated from his parents?
8. Who rescued the lost child? What did he offer to buy him?

Long Questions

- 1) What changes do you notice in the behaviour of the child, once he is separated from his parents in the story "The Lost Child"?
- 2) What all things did the child get attracted to, once he entered the fair? Was he able to get all the things he desired? What happened when he made a bold request to his parents?

ENGLISH ASSIGNMENT-2

CLASS – IX

Ch: Adventures of Toto (Moments)

SHORT QUESTIONS:

- Q1 “Toto was a pretty monkey.” In what sense is Toto pretty?
- Q2 How does Toto take a bath? Where has he learnt to do this?
- Q3 How does Toto almost boil himself alive?
- Q4 Where was Toto kept immediately after grandfather got him? Why?
- Q5 Who was Nana? How did Toto tease Nana?
- Q6 Why did Grandfather give away Toto, the monkey?
- Q7 Why did grandfather decide to take Toto along with him to Dehradun?

LONG QUESTIONS

- Q1 How can you say that Toto was a mischievous pet?
- Q2 Write your views in the form of a short paragraph on the topic “Should animals be kept as a pet’.

MATHS ASSIGNMENT-1
Class-9
CH-1 Number System

Very Short answer Questions

(2)

- Q1. Find three rational no. between $\frac{1}{5}$ & $\frac{1}{3}$.
- Q2. Express in the form p/q , where p & q are integers and $q \neq 0$. $0.\overline{57}$.
- Q3. Add $2\sqrt{2} + 5\sqrt{3}$ & $\sqrt{2} - 3\sqrt{3}$.
- Q4. Rationalise the denominator of $17 + \sqrt{3}$.

Short Answers question

(3)

- Q5. If $\sqrt{2} = 1.414$ then find the value of $\sqrt{18} 2\sqrt{32} - 3\sqrt{128} + 4\sqrt{50}$.
- Q6. Simplify: $\frac{3+\sqrt{7}}{3-\sqrt{7}} + \frac{3-\sqrt{7}}{3+\sqrt{7}}$
- Q7. If $x=2+\sqrt{3}$ then find the value $x^2 + \frac{1}{x^2}$.
- Q8. Represent $\sqrt{5}$ on the number line.
- Q9. Simplify $\{5(16^{1/4} + 27^{1/3})\}^{1/4}$.
- Q10. What can maximum number of digit be in repeating block of digits in the decimal expansion of $\frac{1}{17}$? Perform the division to check your answer.

MATHS ASSIGNMENT-2
Class-9
CH-2 Polynomials

Very Short answer Questions (2)

- Q1. Check whether -2 & 2 are zero's of polynomial $x + 2$.
- Q2. Find zero's of polynomial $p(x) = 2x + 5$.
- Q3. Find the remainder when $x^4 + x^3 - 2x^2 + x + 1$ is divided by $x - 1$.

Short Answers Questions (3)

- Q4. Divide the polynomial $3x^4 - 4x^3 - 3x - 1$ by $x - 1$.
- Q5. Find the remainder when $x^3 - ax^2 + 6x - a$ is divided by $x - a$.
- Q6. Check whether $7 + 3x$ is a factor of $3x^3 + 7x$.
- Q7. Factorise: $2x^2 + 7x + 3$.
- Q8. Show that $p - 1$ is a factor of $p^{10} - 1$ and $p^{11} - 1$.

Long answers Questions (4)

- Q9. Factorise: $x^3 - 23x^2 + 142x - 120$.
- Q10. Factorise: $27x^3 + y^3 + z^3 - 9xyz$.

SCIENCE ASSIGNMENT -1
Class 9
Subject - Science
The Fundamental Unit of Life

1. Why does the skin of your finger shrink when you wash clothes for a long time? (2)
2. If cells of onion peel and RBC are separately kept in hypotonic solution, what will happen to each of them? Explain with reason. (2)
3. Write two differences between plasma membrane and cell wall. (2)
4. "A cell is the building block of an organism". Explain this statement. (2)
5. How is bacterial cell different from onion peel? Give four points. (2)
6. What is endocytosis? Why is endocytosis found in animals only? (2)
7. What are chromosomes made up of? How are chromatids, chromatin and chromosomes related to each other? (3)
8. What is the importance of meiosis in bringing variation and maintenance of chromosome number in a progeny? (3)
9. What will happen if Rheo leaves are boiled in water first and then a drop of sugar syrup is put in it? (3)
10. Draw a diagram of plant cell and label the following: -
 - a) Provides rigidity and turgidity to the cell
 - b) Gives shape to the cell
 - c) Power house of the cell
 - d) Kitchen of the cell. (5)

SCIENCE ASSESMENT 2
Class 9
Matter in Our Surroundings

1. Is evaporation and boiling same? Why or why not? Justify. (2)
2. Substance A has high compressibility and can be liquified. Predict the nature of substance A. Enlist four properties of this state of matter. (3)
3. In hot summer day, Priya and Ali are wearing cotton and nylon clothes respectively. Who do you think would be more comfortable and why? (3)
4. Explain interconversion of three states of matter with the help of a flow chart and name each process also. (3)
5. When 50g of sugar is dissolved in 100g of water, there is no increase in the volume. What conclusion do you draw from this observation? (3)
6. To which state of matter do the following statements apply? (2)
 - a) Incompressible, no fixed shape
 - b) Compressible, no definite volume
7. Why do we see water droplets on the outer surface of a glass containing ice cold water? (2)
8. Comment on the following statement. (2)
 - a) Evaporation causes cooling
 - b) Sponge though compressible is a solid
9. Name and define the process which occurs when a drop of dettol is added to water? (2)
10. Which of the following diffuses faster and why? (2)

-wax, water vapour and alcohol.

Social Science Assignment-1
Class-IX
Subject: Geography

Chapter -1 India- Size and Location

(2 Marks Questions)

- Q.1 Name of the group of islands lying in the Arabian Sea?
- Q.2 Name the countries which are larger than India.
- Q.3 Which Island group of India lies to its South-East?
- Q.4 Which Island countries are our Southern neighbors?

(5 Marks Questions)

- Q.5 The Sun rises two hours earlier in Arunachal Pradesh as compared to Gujarat in the West but watches show the same time. How does it happen?
- Q.6 The Central location of India at the head of the Indian Ocean is considered of great significance. Why?
- Q.7 The land routes of India have helped in exchange of goods and commodities since ancient times. Explain?
- Q.8. Explain the size and location of India.

Social Science Assignment-2
Class-IX
Economics

Chapter -1- The Story of Village Palampur

(2 marks questions)

- Q.1 What do you mean by multiple cropping?
- Q.2 Name any two Rabi crops.
- Q.3 How did the spread of electricity help farmers in Palampur?
- Q.4 How can we increase production from the same plot of land?
- Q.5 What do you mean by Physical capital? What are its types?

(5 marks questions)

- Q.6 Explain the different factors of production. Which is the most important factor?
- Q.7 How do medium and large farmers obtain capital for farming? How is it different from the small farmers?
- Q.8 Explain the non-farming activities of the village Palampur.
- Q.9. State any five points that shows that Palampur is a developed village.