

## **Class 10, Summer Vacation Assignments, Computer**

1. WAP to display “Hello, World” in C language.
2. WAP to take two numbers input from the user and display sum, difference, multiplication, and division.
3. WAP to take three numbers from the user and display it's average.
4. Write a program that asks any two numbers and find their sum.
5. Write a program that asks Principal Amount, Rate and Time and calculates Simple Interest.
6. Write a program that asks length & breadth of a room and calculates its area and perimeter.
7. Write a program that asks any two numbers and displays the smaller one.
8. Write a program to check whether the supplied number is divisible by 7 or not.
9. Write a program that asks your marks in Computer Science and checks whether you are pass or fail if the pass mark is 40.
10. Write down C program to generate the below series:
  - i) 5, 10, 15, ..... up to 50th terms
  - ii) 1,2,3,4,5,.....up to 10<sup>th</sup> terms
  - iii) 2, 4, 6, 8, 10, ..... upto 50<sup>th</sup> terms
  - iv) 1, 3, 5, 7, 9, .... Upto 50<sup>th</sup> terms
11. WAP to calculate sum of numbers up to 10<sup>th</sup> ( $1+2+3+4+5+\dots+10^{\text{th}}$ )
12. WAP to calculate multiplication of numbers up to 10<sup>th</sup> ( $1*2*3*4*5*.....*10^{\text{th}}$ )

## **Class 9, Summer Vacation Assignments, Computer**

1. What is HTML and CSS? Write any 2 differences between them.
2. What is the structure of HTML document? Write the boilerplate code in structured format.
3. Create 5 HTML ordered and unordered lists.
4. Create a simple form in HTML specifying (Name, Email, Number, Gender, submit button and reset button).
5. Create a HTML table with the header (S.No, Name, Class, Section, GPA) also mention some random table data on it.
6. How to add comment in HTML? Write its syntax.
7. Write the tags in HTML which make text bold, italic, and underline.
8. Write the formula of  $(a+b)^2$  using HTML. Also write for the  $(H_2O)$ .
9. How to make a hypertext in HTML. Write its tag.
10. How to insert image in any web document. Write its tag.
11. Name the commonly used web browsers for viewing the HTML pages.
12. Name the tags for breaking paragraph and line.
13. What are the components of a CSS Style?

## **Class 8, Summer Vacation Assignments, Computer**

1. Explain why the computer is powerful working tool?
2. Who is known as the father of modern computer technology?  
And why?
3. Who is considered as the first programmer? And why?
4. Explain in short about Abacus with drawing.
5. Name the various computer generations with its time period and major components.
6. What is Artificial Intelligence? Explain in short.
7. Explain the working principal of computer with picture.

# **Class 7, Summer Vacation Assignments, Computer**

1. Explain why the computer is powerful working tool?
2. Who is known as the father of modern computer technology?  
And why?
3. Who is considered as the first programmer? And why?
4. Explain in short about Abacus with drawing.
5. Name the various computer generations with its time period and major components.
6. What is Artificial Intelligence? Explain in short.
7. Explain the working principal of computer with picture.
8. Write the algorithm for calculating sum, difference, multiplication, division. Also draw flowchart.
9. Write algorithm to calculate area of rectangle. Also draw flowchart.
10. Write algorithm to calculate simple interest. Also draw flowchart.

# **Class 6, Summer Vacation Assignments, Computer**

1. What is computer? Write its features.
2. List any 5 places where computers are used.
3. What are computer hardware? List some examples.
4. What are input devices? List some input devices.
5. What is computer software? Write its types.
6. What are output devices? List some output devices.
7. Write the differences between RAM and ROM.
8. Write the difference between softcopy output and hardcopy output.

# Class 9, Project work

*Dear students, stay safe and hydrated this summer.*



- 1.** Discuss about “Role of computer in education and entertainment’.
- 2.** During this summer vacation, keep a list of your encounters with computer of various kinds. Your list should include the time of the encounter, the type of interaction you had with the technology and the result of the interaction. Make a list and share as soon as school opens.
- 3.** Collect some examples of analog, digital and hybrid computers.
- 4.** Draw on a chart paper the types of computers on the basis of working principle and paste in your classroom. [We’ll present the best chart out there in our classroom – Class 9]

# Class 8, Project work

*Dear students, stay safe and hydrated this summer.*



- 1.** Discuss about “Role of computer in education and entertainment’.
- 2.** During this summer vacation, keep a list of your encounters with computer of various kinds. Your list should include the time of the encounter, the type of interaction you had with the technology and the result of the interaction. Make a list and share as soon as school opens.
- 3.** Draw on a chart paper the generation of computer, time periods, major component and two features. [We’ll present the best chart out there in our classroom – Class 8]
- 4.** List the mobile apps used on daily basis on your family.

# Class 7, Project work

*Dear students, stay safe and hydrated this summer.*



- 1.** Discuss about “Role of computer in education and entertainment’.
- 2.** During this summer vacation, keep a list of your encounters with computer of various kinds. Your list should include the time of the encounter, the type of interaction you had with the technology and the result of the interaction. Make a list and share as soon as school opens.
- 3.** Draw on a chart paper the generation of computer, time periods, major component and two features. [We’ll present the best chart out there in our classroom – Class 7]
- 4.** List the mobile apps used on daily basis on your family.