

## SUMMER HOLIDAYS HOMEWORK

### ENGLISH

1. International Tobacco Control Programme is an Organization that is working worldwide to spread awareness about the hazards of tobacco use. Create a poster for the organization highlighting the harmful effects of smoking and tobacco consumption in other forms. Include a helpline number for quitting tobacco and a website address for more information on quitting smoking/tobacco.
2. SAHASTRADHARA – A Water conservation organization needs a poster to promote water conservation.  
You may draft the poster highlighting the following points:
  - a. Water crisis facing the country
  - b. Need of water conservation
  - c. Simple tips to save water
3. Collect five display advertisements of different school's summer camps and prepare one display advt. for your school's summer camp. Invent all necessary details.

### ECONOMICS

#### **INSTRUCTIONS:**

- a. Assignment should be done in Economics register only.

#### **Chapter-9 Measures of Central Tendency – Arithmetic mean**

1. The following figures are the heights in cm of 7 children chosen at random  
64, 59, 67, 69, 65, 70, 68  
Calculate the simple arithmetic mean of the heights by (i) direct method (ii) step deviation method and (iii) short-cut method.

2. Compute the arithmetic mean from the following frequency table

Height in cm	58	60	62	64	66	68
No. of plants	12	14	20	13	8	5

3. Find mean for the following data by using (i) direct method (ii) short cut method

(iii) Step deviation method.

x	100-200	200-300	300-400	400-500	500-600
y	10	18	12	20	40

4. The following table shows the age of workers in a factory. Find out the average age of workers.

Age in years	20-29	30-39	40-49	50-59	60-69
workers	10	8	6	4	2

5. Calculate the mean from the following data

Mid value	10	20	30	40	50
Frequency	8	12	15	9	6

6. Find the average age from the following data:

Age in years	Less than 10	10-20	20-30	30-40	More than 40
No. of persons	5	8	12	6	4

7. Calculate Median from the following data:

Marks	46-50	41-45	36-40	31-35	26-30	21-25	16-20	11-15
No of students	5	11	22	35	26	13	10	7

8. Suppose mean of a series of 5 items is 30. Four values are 10, 15, 30 and 35 respectively. Explain the missing 5<sup>th</sup> value of the series.

### **Chapter- 10 Measures of central tendency-Median and Mode**

9. Calculate the value of median from the following data

Income	1200	1800	5000	2500	3000	1600	3500
No. of persons	12	16	2	10	3	15	7

10. Find out the median size from the following

size	10-20	20-30	30-40	40-50
Frequency	42	25	58	40

11. Find the median from the following

Marks(more than)	0	10	20	30	40	50	60	70
No. of students	100	92	78	44	32	18	15	13

From the following data, calculate the value of mode.

<b>Salary in Rs.</b>	2000	2100	2400	2900	3100	3300
<b>No. of workers</b>	3	5	10	19	8	4

13. Calculate the mode from the following data:

<b>Marks</b>	10-20	20-30	30-40	40-50	50-60	60-70
<b>No. of students</b>	8	11	9	25	12	16

14. Find out modal value from the following data:

<b>Marks</b>	0-9	10-19	20-29	30-39	40-49	50-59
<b>No. of students</b>	3	7	15	25	10	4

Q.15. Calculate Mode from of the following data:

<b>Class Interval</b>	0-10	10-20	20-30	30-40	40-50
<b>Frequency</b>	2	5	7	5	2

### **HISTORY**

#### **A. Answer the following questions:-**

1. What is the contribution of the Mesopotamian civilization to the world?
2. Discuss the features of urbanization in Medieval Islamic world?
3. What was the position of Women in the Roman World? Compare the situation of the Roman family with the family in India today ?
4. Describe the stages of development of early societies giving approximate periods of their existence ?

#### **B. Prepare the following project . Any one:**

1. Prepare a clay model of Mesopotamian tablet ?
2. Prepare a clay model of Harappan seals

3. Prepare a power point presentation on the evolution of Modern Human Sapien?
4. Prepare a power point presentation on the city layout & drainage system of Harappan.

### **POLITICAL SCIENCE**

1. Describe the ten fundamental Duties as prescribed by the Indian Constitution.
2. What benefits will people get from Right to Education Act?
3. What do you think are the 'achievements' of our constitution?
4. Why do we need a secular country in modern times?
5. What are the major recommendations for bringing about election reforms?
6. Mention four differences between Directive Principles and Fundamental rights.
7. What is meant by social constraints? Are constraints of any kind necessary for enjoying freedom?
8. What is equality? Describe the various kinds of equality.
9. "Vigilant citizens are a must for the successful working of a democracy".  
Comment
10. What is preamble? Why is it so important?

### **PHYSICAL EDUCATION**

- Q1.** Define physical fitness and wellness. Elaborate the importance of physical fitness and wellness in detail.
- Q2.** Narrate the Components of positive lifestyle in detail.
- Q3.** Define physical education and explain its aim and objectives in detail.
- Q4.** Name the careers available in the field of physical education in India. Discuss the performance related careers in detail.
- Q5.** Elucidate about the development of values through Olympic movement..
- Q6.** Explain about Rajiv Gandhi Khel Ratna Award in detail.

### **COMPUTER**

#### **Answer the following questions:**

- Q1. What are tokens in python? How many types of tokens are allowed in python?  
Name them
- Q2. How are keywords different from identifiers?
- Q3. Name the various types of literals in python? Give examples of each.

- Q4. What are operators? What is their functions ?
- Q5. What is the difference between a statement and an expression?
- Q6. What are variables? How are they important for a program?
- Q7. What is dynamic typing?
- Q8. What all components can a python program contain?
- Q9. Enumerate the rules for naming an identifier?
- Q10. What is a comment line? How do you write a comment that extends beyond a single line?

### **PRACTICE THE FOLLOWING PYTHON PROGRAMS**

1. Write a simple python program to get the input from the user interactively using the built-in function input ().
2. Write a simple python program to get the input from the user and use int () or float () function with the read value to change the type.
3. Write a python program to print the area of a circle of radius 3.75meters.
4. Write a simple python program to obtain length and breadth of a rectangle and calculate the area.
5. To obtain temperatures of 07 days and then display average temperature of the week.
6. WAP to find no is even and odd
7. WAP to find elder person in 2 persons
8. WAP to find given year is leap year or not
9. Write a program to compute simple interest.
- 10.WAP to find which no is greater no in 2 numbers
- 11.WAP to find which no is greater no in 3 numbers
- 12.WAP to input marks in 3 subjects, compute average and then calculate grades as per following guidelines: