

**CLASS- XI**  
**HOLIDAYS HOME WORK**  
**ENGLISH**

1. Read lesson Portrait of A Lady and create a magazine mentioning five old women in your neighbourhood giving their life style.

2 Read the play Mother's Day and make a project giving reference of 5 celebrities who apart from being a mother have made their place in the society.

3 Paste 5 classified advertisements on A4 sheet and prepare 2 display Advertisements on A4 sheet.

4 Do the given assignment in notebook.

- a) Why were the girls smiling at the camera?
- b) What happened on 2nd January.?
- c) How did Sue try to lighten the atmosphere?
- d) What was the reaction of Jonathan when the father asked him about his fear?
- e) How did the sparrows mourn the death of grandmother?
- F) How many years earlier did the poet's mother die?
- g) Describe the author 's grandfather?
- h) What do you mean by terribly transient feet?
- I) What happened at the end of the story " We are not afraid to Die"?
- j) How did Aram fair in his solo ride?

**MATHS**

**: Write the following sets in the roster form.**

**(i)  $A = \{x \mid x \text{ is a positive integer less than } 10 \text{ and } 2^x - 1 \text{ is an odd number}\}$ (ii)**

**$C = \{x : x^2 + 7x - 8 = 0, x \in \mathbb{R}\}$  (1)**

**Q.2: Given that  $N = \{1, 2, 3, \dots, 100\}$ , then**

**(i) Write the subset A of N, whose elements are odd numbers.**

**(ii) Write the subset B of N, whose elements are represented by  $x + 2$ , where  $x \in N$ . (1)**

**Q.3: Let  $X = \{1, 2, 3, 4, 5, 6\}$ . If n represent any member of X, express the following as sets:**

**(i)  $n \in X$  but  $2n \notin X$**

**(ii)  $n + 5 = 8$**

**(iii) n is greater than 4 (2)**

Q.4: Let  $U = \{1, 2, 3, 4, 5, 6\}$ ,  $A = \{2, 3\}$  and  $B = \{3, 4, 5\}$ .

Find  $A'$ ,  $B'$ ,  $A' \cap B'$ ,  $A \cup B$  and hence show that  $(A \cup B)' = A' \cap B'$ . (3)

Q.5: Use the properties of sets to prove that for all the sets  $A$  and  $B$ ,  $A - (A \cap B) = A - B$

Q.6: Let  $U = \{1, 2, 3, 4, 5, 6, 7\}$ ,  $A = \{2, 4, 6\}$ ,  $B = \{3, 5\}$  and  $C = \{1, 2, 4, 7\}$ , find

(i)  $A' \cup (B \cap C')$

(ii)  $(B - A) \cup (A - C)$

Q.7: In a class of 60 students, 23 play hockey, 15 play basketball, 20 play cricket and 7 play hockey and basketball, 5 play cricket and basketball, 4 play hockey and cricket, 15 do not play any of the three games. Find

(i) How many play hockey, basketball and cricket

(ii) How many play hockey but not cricket

(iii) How many play hockey and cricket but not basketball

Q.8: Let  $U = \{x : x \in \mathbb{N}, x \leq 9\}$ ;  $A = \{x : x \text{ is an even number}, 0 < x < 10\}$ ;  $B = \{2, 3, 5, 7\}$ . Write the set  $(A \cup B)'$ .

Q.9: Let  $A$  and  $B$  be two sets, if  $A \cap X = B \cap X = \phi$  and  $A \cup X = B \cup X$  for some set  $X$ , prove that  $A = B$ .

Q.10: If  $A$  and  $B$  are subsets of the universal set  $U$ , then show that:

- (i)  $A \subset A \cup B$
- (ii)  $A \subset B \Leftrightarrow A \cup B = B$
- (iii)  $(A \cap B) \subset A$

(6×3=18)

## HISTORY

1\*Prepare a collage on the writing system of Mesopotamia.

2\*.Prepare the history project as per the topic/ instructions given in class. Students should prepare the project under the following headings

\*Cover page

\*project synopsis

\* index

\*acknowledgement

\*data/map work

\*explanation and interpretation

\*bibliography\*

3. Read News paper daily and collect any historical information published during holidays.

4. Write and learn all the que.given in assignment

Assignment ---1

Ch.1 History

Do all que.in your note book.

Q1 Give main geographical features of Mesopotamia.

Q2What was story of the flood mentioned in the Bible ?

Q3 What is the importance division of labour in urban life?

## POL SCIENCE

Prepare the project file on any topic of both books with the following guidelines.

1. The total length of the project report should not be more than 15-20 pages.  
Written pages of A4 sizesheet.
2. The project report should be hand written and credit will be awarded to original drawings, illustrations, and creative use of eco-friendly material.
3. It should be well searched based on facts and figures , newspaper clippingsand pictures.
4. The project report should be presented in a neatly bound simplefolder.
5. The project report should be developed and presented in this order:(other than 15pages)
  - a. Cover page showing title, student information, school andyear.
  - b. List of contents with pageno.
  - c. Certificatepage
  - d. Acknowledgements(Acknowledging the institution, offices and libraries visited and persons who havehelped)
  - e. Chapters with relevantheadings
  - f. Summary and conclusions based onfindings
  - g. Bibliography: should have the title, author, publisher, and if a website used then the name of the website with link
  - h. After bibliography put the page of project evaluation report where the examiner can give marks, sign with datelikewise:
    - (i) Name ofExternalExaminer\_\_\_\_\_Sign\_\_\_\_\_Date\_\_\_\_\_
    - (ii) Name of theInternalExaminer\_\_\_\_\_Sign\_\_\_\_\_Date\_\_\_\_\_

### TOPICS FOR MODEL

(MAKE ANY ONE MODEL)

- A. Statue of Framers of Indian constitution.
- B. Parliamentouse
- C. Fundamental rights
- D. Electronic voting machine.

Do any five cartoon based studies on A4 sheets. Revise whole syllabus.

## ASSIGNMENT 1

1. Who moved the objective resolution in INDIA?
  - a) JawaharLal Nehru
  - b) SardarVallabhBhai Patel
  - c) Sheikh Abdullah
  - d) Harisingh
2. ....acts as a protector of fundamental rights.
  - a) Supreme court of India
  - b) NITIAayog
  - c) Election Commission ofIndia
  - d) Ministry of ExternalAffairs
3. Which of the following statements is not a function of constitution?
  - a) It gives a guarantee of the rights of the citizens.
  - b) It marks out different spheres of power for different branches of government
  - c) It ensures that good people come to power
  - d) It gives expression to some shared values.
4. Which of the statements is best description of fundamental rights?
  - a) All the rights an individual should have.
  - b) All the rights given to citizens by law.
  - c) The rights given and protected by the constitution.
  - d) The rights given by the constitution that can not ever be restricted.
5. Which of the following is not performed by election commission?
  - a)Preparing the electoral rolls
  - b)Nominating the candidates
  - c)Setting up polling booths
  - d)All of theabove
6. Who is the real ruler of INDIA?
  - a) Prime minister
  - b) President
  - c) Both a and b
  - d)Speaker
7. Choose therightstatement:
  - a) FPTP system is only followed for elections to Panchayat,Legislative assembly.
  - b) Election commission does not superwisePanchyat and municipal elections.
  - c) President of India can remove an election commissioner on the recommendation of both the houses of parliament.
  - d) Head of election commission is president.

8. A parliamentary executive means-----

- a) Executive where there is parliament.
- b) Executive where there is no parliament.
- c) Executive that is dependent on support of the majority of parliament.
- d) Opinion polls conducted by media.

9. Which among the following leaders gave the slogan-‘JAI JAWAN JAI KISAN’?

- a) Indira Gandhi
- b) LalBahadurShastri
- c) Morarji Desai
- d) JawaharLalNehru

10. Which among the following is the ceremonial executive?

- a) Constitutional monarchy
- b) Parliament executive
- c) Presidential executive
- d) Semi-presidential executive.

Q-11 Differentiate between LOK SABHA and RAJYA SABHA

Q-12 Write the functions of parliament.

Q-13 Differentiate between different types of executives.

Q-14 Explain the features of constitution.

Q-15 Write fundamental duties of a citizen.

## **I.P**

1. PREPARE A PRACTICAL FILE ON PYTHON PROGRAMS:

- 1. W.A.P TO PRINT “python”
- 2. W.A.P to print sum of two numbers.
- 3. W.A.P to swap of two numbers
- 4.W.A.P to print area and perimeter of square.
- 5. W.A.P to print area and perimeter of rectangle.
- 6. W.A.P to print odd and even number.

Assignment:

Q 1. What do you mean by Escape sequence?

Q 2. Write the output of the following

```
>>> x = 2 + 5j
>>> print(x.real, x.imag)
```

Q 3. What is None data type?

Q 4. Write the output of the following

```
>>> v1 = 10
```

```
>>> v2 = None
```

```
>>> v1
```

```
>>> v2
```

```
>>>print(v2)
```

Q 5. What is the purpose of type() function?

Q 6. Write the output of the following.

```
>>> type(10)
```

```
>>>type('10')
```

```
>>>type(10.0)
```

```
>>>type(True)
```

```
>>>type('False')
```

Q 7. Which function is used to find the data type of variable?

Q 8. Write the output of the following

```
>>> a = "hello"
```

```
>>> b = 10
```

```
>>> c = 9.8
```

```
>>> d = 7 + 3.6j
```

```
>>> print(a)
```

```
>>> print(b)
```

```
>>> print(c)
```

```
>>> print(d)
```

Q9. Identify the variable name, variable type, value and operator used in the following statement.

```
>>> x = 9
```

Q 10. What do you mean by assignment operator?

## PHYSICAL EDUCATION

1. Revise Chapter-1, 2 and 3. Complete your notebook.
2. Do the following Practical in Practical File :
  - SAI Khelo India Test for School Children.
  - Perform any two asanas used to cure Obesity, Asthma, Hypertension, Diabetes and Back pain (2 for each). Paste your pictures on LHS and briefly explain the procedure, benefits and contraindications for them.
3. Evaluate yourself for the following tests and do practice daily:
  - Sit and Reach Test
  - Sit-Ups Test
  - Push-Ups for boys
  - Modified push-ups for girls
  - 50 mts. standing start
  - Partial curl ups
  - 600m run/walk
4. Do **any one** of the following activity:
  - Prepare a model of court of your favourite game.
  - Paste the pictures of you performing 12 phases of Surya Namaskar on Chart Paper. Briefly write about each step involved in Surya Namaskar.
  - Prepare a project file on IPL Teams 2023.

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