

Dr. Virendra Swarup Education Centre, Unnao

XI Commerce, Winter break Homework (2024-25)

• ENGLISH

Q1. Design a graceful poster in A-4 Sheet for the Inter-School Poetic Recitation contest that the English Literary Club of your school is organising to celebrate the birthday of Rabindranath Tagore.

Q2. You have to speak in the school's morning assembly on "The Harm that Mobile Phones and Smartphones are Creating in Students' Lives". Write the speech in 150-200 words. You are Jyoti/Jyotsna of class XI-A/XI-B

Q3 Imagine yourself to be Doris Pearson from the chapter "Birth". Write a dialogue between Doris Pearson and Cyril Pearson in 120 words. Follow the given example:

Doris Pearson: What happen to Momtoday? Why is She behaving in this manner?

Cyril Pearson:Yes,I have also noticed a drastic change in her behaviour.

Doris Pearson: \_\_\_\_\_

Cyril Pearson: \_\_\_\_\_

Q4. Undertake a project on any one of the famous personality in the field of literature/Art from Arunachal Pradesh(10-12 Pages)

The Project should include:

1.Index

2.Certificate

3.Content

4.Biography

5.Literary works

6.Awards

7.Photographs

8.Bibliography

• ACCOUNTANCY

Do the following questions from T.S Grewal Book in your notebook.

Chapter 17: Rectification of errors (q.no 21 to 30)

Chapter 19: Adjustments in preparation of financial statements ( q.no. 15 to 19)

Chapter 20: Single Entry system (q.no 11 to 17)

• BUSINESS STUDIES

1)Write and Learn the steps involved in export and import procedure.

2) List out and explain the important documents used in International Business.

• ECONOMICS

1. Following are the data about the market share of 4 brands of TV sets sold in Panipat and Ambala.

Samsung	480	625
Akai	360	500
Onida	240	438
Sony	120	312

Present the data by a pie diagram.

Items of Expenditure	Food	Clothing	House Rent	Fuel and Lightening	Miscellaneous
Family A	200	100	80	40	80
Family B	252	200	100	48	200

2. Represent the following data, using a percentage bar diagram [in ₹]:

3. Draw the 'less than' and 'more than' ogive on the same graph paper from the following data:

Marks	0 – 20	20 – 40	40 – 60	60 – 80	80 – 100
Number of Students	40	51	64	38	7

4. Calculate the arithmetic mean of the following frequency distribution by Direct Method:

CI	10 – 20	20 – 40	40 – 70	70 – 120	120 – 200
Frequency	4	10	26	8	2

5. Calculate the arithmetic mean from the following data by Assumed Mean Method:

CI	20 – 25	25 – 30	30 – 35	35 – 40	40 – 45	45 – 50	50 – 55
Frequency	10	12	8	20	11	4	5

6. Find out the median of the following series:

Wage Rate [₹]	25 – 30	20 – 25	15 – 20	10 – 15	5 – 10	0 – 5
No. of workers	5	10	20	5	8	2

7. Find out the median of the following series:

Age [Years]	55 – 60	50 – 55	45 – 50	40 – 45	35 – 40	30 – 35	25 – 30	20 – 25
Frequency	7	13	10	15	30	33	28	14

8. Find out the mode from the following data:

CI	5 – 10	10 – 15	15 – 20	20 – 25	25 – 30	30 – 35	35 – 40
Number of Children	4	5	3	2	6	7	3

9. Calculate mode of the following series, using grouping method:

Size	40	44	48	52	56	60	64	68	72	76
Frequency	10	12	14	20	15	20	18	10	8	4

10. Calculate mean, median and mode from the following data:

CI	30 – 40	40 – 50	50 – 60	60 – 70	70 – 80	80 – 90
Frequency	18	37	45	27	15	8

### PHYSICAL EDUCATION

Draw the diagram in kho-kho, Athletics track, Volleyball(any one) on chart paper And its measurements and rules

### COMPUTER SCIENCE ( Do in your notebook)

- 1- Write a program to input a sentence. Count and display the frequency of each letter of the sentence in alphabetical order.
- 2- Write a program to accept a word and convert it into lower case, if it is in upper case. Display the new word by replacing only the vowels with the letter following it.

Sample Input: computer

Sample Output: cpmptfr

- 3- Write a program to accept a string. Convert the string into upper case letters. Count and output the number of double letter sequences that exist in the string.

Sample Input: "SHE WAS FEEDING THE LITTLE RABBIT WITH AN APPLE"

Sample Output: 4

- 4- Find errors and rewrite the same after correcting the following code:

(a) `d1 = {1:10, 2.5:20, 3:30, 4:40, 5:50, 6:60, 7,70}`

(b) `d1 (9)=90`

(c) `del d1 (2)`

(d) `pop d1 [4]`

(e) `d1.item ()`

(f) `d1.key()`

(g) `d1.value ()`

(h) `d1.gets (4,80)`

(i) `d1.len ()`

(j) `d1.clears ()`

5- Write a program to input 'n' classes and names of their class teachers to store them in a dictionary and display the same. Also accept a particular class from the user and display the name of the class teacher of that class.

6- Write a program to store student names and their percentage in a dictionary and delete a particular student name from the dictionary. Also display the dictionary after deletion.

7- Write a Python program to input names of 'n' customers and their details like items bought, cost and phone number, etc., store them in a dictionary and display all the details in a tabular form.

8- Write a program that repeatedly asks the user to enter product names and prices. Store all of these in a dictionary whose keys are the product names and whose values are the price.

When the user is done entering products and price, allow them to repeatedly enter a product name and print the corresponding price or a message if the product is not in dictionary.

9- Write a Python program that accepts a value and checks whether the inputted value is part of given dictionary or not. If it is present, check for the frequency of its occurrence and print the corresponding key otherwise print an error message.

10- Consider the following dictionary state Capital:

```
stateCapital = {"Assam" : "Guwahati", "Rajasthan": "Jaipur", "Bihar": "Patna", "Maharashtra":  
"Mumbai", "Rajasthan": "Jaipur" }
```

Find the output of the following statements:

(a) `print (stateCapital.get ("Bihar"))`

(b) `print (stateCapital.keys ())`

(c) `print (stateCapital.values())`

(d) `print (stateCapital.items())`

(e) `print (len (stateCapital))`

(f) `print ("Maharashtra" in stateCapital)` (g) `print (stateCapital.get ("Assam") )`

(h) `del stateCapital ["Assam"]`

`print (stateCapital)`

## HINDI

### **शीतकालीन अवकाश कार्य**

निम्नलिखित विषयों को ध्यान पूर्वक पढ़कर किसी एक विषय पर सुधारात्मक, प्रेरणात्मक तथा शिक्षाप्रद नाटक लिखिए संवाद पात्रानुकूल देशकाल को ध्यान में रखते हुए प्रभावशाली हों

### **नाटक के विषय**

रूढ़िवादिता, नारी- सम्मान, गौरवशाली भारत, कृत्रिम बुद्धिमत्ता, (आर्टिफिशियल इंटेलिजेंस), मानव -अस्तित्व खतरे में , आज भी हम गुलाम हैं' सभी समस्याओं का समाधान , शिक्षा सर्वधर्म समभाव, आत्मा का विकास समाज का विकास ।

## MATHEMATICS

Complete the following chapters from book

Chapter 13 Statistics

Chapter 15 Taxation

Chapter 16 Utility Bills