

**Class - 11 Arts (2023-24)**  
**HOLIDAY HOMEWORK (2023-2024)**



**English**

1) Prepare a chart on the topics given below:

- |                           |                   |                    |                 |
|---------------------------|-------------------|--------------------|-----------------|
| 1. Tenses                 | (R.N.1 - 10)      | 2. Reported Speech | (R. N. 11 - 20) |
| 3. Prepositions           | (R. N. 21 - 30)   | 4. Conjunctions    | (R. N. 31 - 40) |
| 5. Active - Passive Voice | (R. N. 40 - last) |                    |                 |

2) Write and learn 25 antonyms, synonyms and one word substitutions each. (words may be taken from the text book chapters that are done till now).

3) Write an Acrostic Poem (along with the picture if possible) .on any one topic of your choice:

- LABURNUM TOP
- THE PHOTOGRAPH

(Ornament your poem with the use of literary devices that you learnt in the poem and present your poem beautifully on A. 4 size sheet.)

4)Prepare a debate ( for / against) on the given topic:

- The Internet can not replace a classroom teacher. (R.N.1 - 10)
- Students must wear uniforms. (R. N. 11 - 20)
- Animals should be banned from circuses. (21 - 30)
- Schools should promote the students to join coaching institutes ( R. N. 30 - last)

5)Activity:( to be done on A.3 sheet) - With pictures and examples

a) Poetic Devices -

- Poetic Device - Alliteration (1 - 10)
- Poetic Device - Oxymoron (11 - 20)
- Poetic Device - Transferred Epithet (21 - 30)

b) Slogan writing - about 'Save Water Save Life' / 'Save Trees Save Life' - highlighting the importance of water / trees for life along with poster. (Any one of your choice) (31 - last)

6) Write recapitulating points of all the chapters done in literature. (in the form of Mind - map / Flow chart)

7)Draft Advertisement on the given topics: (A 4 sheet)

- You are General Manager of Arena Export Company, Mumbai. You want to appoint a PA for the company.
- You are the Principal of ABC School, Pune. You require Cricket and hockey coaches for your school. Mention - regarding the age, experience, qualification etc.

8) Twist in the Tale - (Any one of your choice)

- The Address
- The Summer of Beautiful White Horse
- We're not Afraid to Die If we can all be Together

9) Prepare a Wall Hanging of all the SDG's.

## Political Science

- 1) Roll No 1to 5 make a presentation on Lok Sabha /Rajya Sabha on thermocol.
- 2) Roll no 6-10 Make a presentation on Chart/ Thermocol Fundamental Rights -Equality, Right to Freedom
- 3) Roll No 11-20 Make a presentation on Chart Fundamental Rights- Right to freedom of religion
- 4) Roll No- 21-30 Make a presentation on Elections Showing Election Campaign, Or Political Parties, Evms  
etc

5) Roll No40 Onwards Make a pictorial/ Diagrams of Bureaucracy -UPSC,IAS,IPS,IRS

**Note:-** Complete Notes till chapter Legislature, Revise all the chapters done .

## विषय हिंदी

नोट :- सभी प्रश्नों के उत्तर ध्यानपूर्वक और सुंदर लेख में दीजिए।

प्रश्न 1 'नमक का दरोगा' और 'मियां नसीरुद्दीन' पाठ को पढ़कर 10-10 अतिरिक्त प्रश्न - उत्तर 40 से 50 शब्दों में लिखिए।

प्रश्न -2) 'कबीर के पद' और 'मीरा के पद' को पढ़कर 10 - 10 अतिरिक्त प्रश्न- उत्तर 30 से 40 शब्दों में लिखो।

प्रश्न 3) भारतीय गायिकाओं में बेजोड़ लता मंगेशकर पाठ में से 20 बहुविकल्पी प्रश्न- उत्तर लिखो।

प्रश्न 4 'भारत कोकिला' लता मंगेशकर जी के जीवन पर अपने विचार 80 से 100 शब्दों में लिखिए।

प्रश्न 5 निम्नलिखित विषयों पर 100 से 120 शब्दों में अनुच्छेद लेखन कीजिए: -

- 1)सड़क सुरक्षा जीवन रक्षा, 2)शिक्षा का बदलता स्वरूप(3) दिव्यांग और उनकी समस्याएं।
- 4) जीवन की एक अविस्मरणीय यात्रा
- 5) आत्मनिर्भरता की ओर बढ़ते हमारे कदम।

प्रश्न :-6) भक्तिकालीन कवि कबीर की निर्गुण भक्ति धारा (दृष्टिकोण) को प्रदर्शित करते हुए एक मॉडल तैयार कीजिए। (अथवा)

प्रश्न:- 7) भक्ति कालीन कवयित्री ' मीरा' की सगुण भक्ति धारा को प्रदर्शित करते हुए एक मॉडल तैयार कीजिए।

प्रश्न:-8) संचार के तत्व अथवा संचार के प्रकारों पर एक सचित्र चार्ट तैयार कीजिए

प्रश्न :- 9) आधुनिक समय की मांग को ध्यान में रखते हुए जनसंचार माध्यमों पर एक सुंदर मॉडल तैयार कीजिए।

प्रश्न 10) प्रमुख जनसंचार माध्यमों की खूबियां और खामियां लिखिए।

प्रश्न 11) प्रतिदिन के समाचारों को सुनकर अथवा पढ़कर प्रतिदिन 5 मुख्य समाचार लिखें।

## Geography

- 1) Prepare practical file for chapter 1 and 2 from practical book.
- 2) Learn all the chapters covered before vacations.

- 3) Complete notes of chapter 1,2,3&4 from first book and chapter 1 from 2nd book in your fair notebook.
- 4) Write 20 short question answers of each chapter covered before vacations in assignment notebook Geography .
- 5) Make one working model / model from any topic from covered topics till date or any topic from geography syllabus.
- 6) Make a beautiful chart on any one of the topic-
  - a) Geography as a discipline
  - b) Origin of starts and evolution of life.
  - c) Interior of the earth.
  - d) Distribution of ocean and continent
  - e) India - Location

### **Economics**

1. Make Mind Map of Ch- 1,3 and 4 in your notebook with the help of 'Revision of key points' given at the back of every chapter.
2. Write and learn all concepts given in 'Revision of key points'.
3. Read news related to Economy daily and write one news in notebook with the pic.
4. Solve Objective questions given at the back of each chapter(1,3,4)
5. Solve all numericals of Elasticity of demand given in exercise.
6. Collect information for the given Project and prepare case study. Complete work related to survey and analysis of data.
7. Make Modal/Chart on any one topic given below:
  - a) Law of demand
  - b) Factors of production
  - c) Cashless Economy
  - d) Make in India
  - e) G-20 Summit in India
  - f) Law of Supply
  - g) Or any other relevant topic

### **History**

- 1) Make a project report on ch-5 Nomadic Empire.

Note- Project should be handwritten covering at least 20 to 25 pages.

- 2) Learn all the chapters covered before vacations.
- 3) Complete notes of chapter 2, 3 and 5 in your fair notebook.
- 4) Write 20 short question answers of each chapter covered before vacations in assignment notebook of History.
- 5) Make one model from ch-2 Writing and City life or on The great wall of China.
- 6) Make a beautiful chart on any one of the topic-
  - i) Mesopotamian Civilization
  - ii) Roman Empire
  - iii) Mongolia Empire
  - iv) Any relevant topic from History

## विषय- संगीत गायन

नोट - यह अवकाश गृह कार्य संगीत की प्रोजेक्ट फाइल पर ही करें ।

१. भारतीय संगीत के किन्हीं पांच वाद्यों का सचित्र वर्णन कीजिए।
२. राष्ट्रीय गीत किसके द्वारा लिखा गया इसको पूरा कीजिए ।
३. तानपुरे का सचित्र वर्णन कीजिए और २/३ का चित्र बनाइए।
४. अब तक भारतीय संगीत में भारत रत्न , पद्म श्री और पद्म विभूषण किस किसको मिला किन्हीं 12 कलाकारों के विषय में संक्षिप्त जानकारी दीजिए।
५. संगीत की देवी वीणा वादिनी की वंदना लिखें हे हंस वाहिनी ।
६. सरस्वती माता का एक सुंदर चित्र बनाएं।
७. राष्ट्रीय गीत राष्ट्रीय गान के रचयिता कौन कौन हैं राष्ट्रगीत और राष्ट्रगान को स्पष्ट कीजिए ।
८. किन्हीं 12 राज्यों के लोक नृत्य का सचित्र वर्णन कीजिए ।
९. राष्ट्रीय वाद्य कौन सा है और अंतरराष्ट्रीय वाद्य कौन सा है सचित्र वर्णन कीजिए।
१०. संगीत में आपको कौन सा वाद्य अच्छा लगता है उसका चित्र बनाकर स्पष्ट करें ।
११. हमारे 3 देवी देवता कौन-कौन से हैं जिनके हाथों में संगीत का वाद्य यंत्र है उनका चित्र संलग्न करें ।
१२. भारतीय संगीत में प्रसन्नता का वाद्य और दुःख का वाद्य कौन सा है सचित्र वर्णन करें और उसके विषय में दो-दो लाइन लिखें ।
१३. घन वाद्य , तंत्र विद्या, सुशीर वाद्य कौन-कौन से हैं इनके विषय में लिखें ।
१४. कोई एक एक भजन , देशभक्ति गीत और लोकगीत लिखें ।
१५. संगीत क्षेत्र में किन्हीं पांच ख्याति प्राप्त कलाकारों के विषय में लिखें।

## INFORMATICS PRACTICES (065)

1. Answer the following questions:-

- i. What is python.
- ii. What does IDLE stand for? What is Python IDLE?
- iii. Python is cross platform language .How?
- iv. Explain any two features of python.
- v. Is python case sensitive.Explain.
- vi. What are tokens & Keywords?
- vii. What are identifiers and literals?
- viii. What is a variable?What are the naming conventions of identifiers/variables/literals.
- ix. What is the default separator and terminator in print() function in Python? How can we change it?
- x. What are the comments? Declare a single line comment and a multi-line comment.

2. Differentiate between

- i. Interactive mode and Script mode
- ii. Keyword and variable
- iv. Compiler and Interpreter
- v. / and //

iii. = and = =

3. Identify valid and invalid variable names from the following:  
percentage%, 12class, final-exam, Class, For, \_subjects

4. Identify which of the following expressions are correct:

- i. x,y,z=12.5, 170, 'Samarth'
- ii. x,y,z=12.5, 170, 'Samarth', k
- iii. x=y=z=100
- iv. x,y = 10,10, z = 10
- v. x,y = 10

5. Give the data type of the following variables:

i x= 'Raghav'    ii y= 100.56    iii z=10    iv. t=15 +6j    v. num=true

6 .Observe the following script and enlist all the tokens used in it.

```
#Identify tokens in the script
name="Fatima"
cl=eval(input("Enter class: "))
print (name,"studies in", cl,"class")
```

7 .What will be the output of the following code?

```
x , y=2,6
x, y=y, x+2
print (x, y)
```

8 .What will be the output produced by the following code?

```
name = 'Neeru'
age =21
print (name, "you are", 21, "now")
```

9. Write Python command to display a message on the screen – “First python Exam”

10. What is the difference between interactive mode and script mode in Python?

11. Find out the errors and write the correct code:-

- a) z,p=6
- b) temp=90  
print (Temp)

12. What is the output of the following code: print 9//2

- a) 4.5
- b) 4.0
- c) 4
- d) error

13. Identify the type of constants from the following:

(i) "Hello" (ii) 24 (iii) True (iv) 40.89

14. Write a program to find large number between 2 numbers in python.

15. Write a program to print first 10 even numbers.

16. Write a program to accept day number of the week and print day name. I.e

```
Enter day number : 3
Day is Tuesday
```

Project work :

XI-B Make a Chart/Model on Augmented Reality\Virtual Reality

XI-C Make a Chart/Model on Big Data & 5 V

XI-E Make a ppt/Chart on System software(all types)

XI-F(1-20) Make a Chart/Model on Cloud computing

XI-F (21-45) Make a Chart/Model on Application Software

Note: Students who are interested in making animated videos are not required to make charts/ppt/model. The video limit should be 2 minutes.

## MATHEMATICS

SOLVE THE FOLLOWING QUESTIONS IN A SEPARATE NOTE-BOOK.

1. If  $f(x) = x + 1/x$ , prove that  $\{f(x)\}^3 = f(x^3) + 3f(1/x)$ .
2. Find the domain of the function :  $f(x) = \sqrt{4-x} + \frac{1}{\sqrt{x^2-1}}$
3. Find the domain and range of the function :  $f(x) = \frac{1}{2-\sin 3x}$
4. Find the domain of each of the following functions given by
  - (i)  $f(x) = \frac{1}{\sqrt{x-|x|}}$
  - (ii)  $f(x) = \frac{1}{\sqrt{x+|x|}}$
  - (iii)  $f(x) = \frac{1}{\sqrt{x-[x]}}$
  - (iv)  $f(x) = \frac{1}{\sqrt{x+[x]}}$
5. The perimeter of a certain sector of a circle is equal to the length of the arc of a semi-circle having the same radius. Express the angle of the sector in degrees, minutes and seconds.
6. Find in degree and radians the angle between the hour hand and the minute hand of a clock at half past three.
7. Prove that :  $\cos 510^\circ \cos 330^\circ + \sin 390^\circ \cos 120^\circ = -1$
8. Prove that  $\tan 5\pi/12 + \cot 5\pi/12 = 4$
9. If  $\alpha$  and  $\beta$  are acute angles such that  $\tan \alpha = \frac{m}{m+1}$  and  $\tan \beta = \frac{1}{2m+1}$ , prove that  $\alpha + \beta = \pi/4$
10. Prove that :  $\cos 20^\circ \cos 40^\circ \cos 60^\circ \cos 80^\circ = 1/16$

## ART INTEGRATION WITH MATHS

11. CHART MAKING : MAKE 1 BEAUTIFUL AND CREATIVE CHART OF FOLLOWING TOPICS ( HINT : USE MATERIALS LIKE COLOURED THREADS, BANGLES, PULSES ETC)
  - (I) VENN DIAGRAMS ( GANDHI HOUSE STUDENTS)
  - (II) ARROW DIAGRAMS FOR DIFFERENT RELATIONS( SUBHASH HOUSE STUDENTS)
  - (III) GRAPHS OF SIN X, COSX, TANX( TAGORE HOUSE STUDENTS)
  - (IV) GRAPHS OF COSEC X, SECX, COTX ( VIVEKANAND HOUSE STUDENTS)
12. MAKE FOLDABLES FOR DIFFERENT MATHEMATICAL CONCEPTS AND FORMULAS.( FOR EACH STUDENT)
13. MAKE MATHEMATICAL RANGOLI USING DIFFERENT GEOMETRICAL SHAPES.( FOR EACH STUDENTS)
14. PREPARE ONE MATHEMATICS GAME OR PUZZLES USING ANY MATHEMATICAL CONCEPTS.( USE THERMOCOL SHEET OR CARDBOARD SHEET)

## **PHYSICAL EDUCATION**

1. Labelled diagram of 400 metre track and explain 100 metre, 200 metre, 400 metre, 800 metre, and 1500 metre races and show in 400 metre track.

2. Field Events

Shot put          discus throw          javelin throw          long jump          High jump

3. Any one game of your choice out of the list above. Labelled diagram of field and equipment (rules, terminologies and skills) etc.

Badminton          Boxing          Lawn Tennis          Judo          Taekwondo          Archery

4. Pictorial presentation of any five asanas.

..... **XXXXXXXXXXXXXXXXXXXX** .....