



# SHRI GURU NANAK H/S PUBLIC SCHOOL

## Summer Holiday Homework (2024-25)

### Class –XI Humanities

- Holidays homework of all the subjects will be done as directed in each subject.
- Last date of the submission of holiday homework is 4 July 2024.
- School will reopen on 1 July 2024.

### Economics

Prepare a Project File

Steps involved in the conduct of the project:-

1. Take the given topic.
2. Collection of the research material or data.
3. Organization of material or data.
4. Present material or data Diagrams, pictures, tables, graphs etc.
5. Draw the relevant conclusion.
6. Presentation of the project works.
7. Use A4 Sheets (Colourful).
8. Use ring file. Project should be in minimum 15 to maximum 20 pages.
9. Collect all information with their pictures as per project given to you.
10. Paste pictures in front of the information.

TOPICS (According to allotted roll no.)

Introduction of Microeconomics	Roll no. 1 to 7
Introduction of Statistics	Roll no. 8 to 14
PPC and its characteristics	Roll no. 15 to 21
Collection of Data	Roll no. 22 to 28
Consumer's Equilibrium	Roll no. 29 to 36.

### GEOGRAPHY

1. Map Work for all students (In political map of world)

Map A- Display the following oceans on a world map.

- I) Indian Ocean
- II) Pacific Ocean
- III) Atlantic Ocean
- IV) Arctic Ocean
- V) Southern Ocean

Map B-Display the following major hot deserts on a world map:

- I) Mojave Desert- Nevada. US
- II) Patagonian Desert- Argentina
- III) Sahara- Africa
- IV) Gobi Desert- Mongolia, Asia
- V) Thar desert- India
- VI) Great Victoria desert- Australia

Map C-Display the following major seas on a world map

- I) Black see
- II) Baltic sea
- III) Caspian Sea
- IV) Mediterranean Sea
- V) North Sea
- VI) Red sea
- VII) Bay of Fundy (Canada)-Famous for the highest tides in the world

Map D. Display the following ocean currents on a world maps

A-Cold currents

- I) Humboldt c.
- II) California c.
- III) Falkland c.
- IV) Canaries c
- V) West Australian C.
- VI) Oyashlo c
- VII) Labrador c.

B-Warm currents

- I) Alaska c.
- II) Brazilian c
- III) Aughlas c.
- IV) Kuroshio c.
- V) Gulf stream c.

2-Do at least 5 MCQ's, Long answer questions, Short answer question, Assertion reason questions and case based questions from the chapter.

### **ENGLISH**

Q1. Write article on each of the following topics in 150-200 words,

1. Swachh Bharat
2. Internal security
3. Cashless India
4. Indian tourism
5. Social media

### **POLITICAL SCIENCE**

Q1. Write a short note on any two of the Political thinkers mentioned in the book.

Q2. Make a report on importance of freedom for individuals and societies.

Q3. What is the importance of Right to Constitutional Remedies? Explain the various writs issues by both courts (Supreme and High Court).

Q4. Explain the different sources and provisions of Indian constitution.

### **PHYSICAL EDUCATION**

1)Do at least 5 MCQ's, Long answer questions, Short answer question, Assertion reason questions and case based questions from the following chapters.

Chapter 1 Changing trends and career in physical education

Chapter 2 Olympism value education

Chapter 3 Yoga

2) Prepare lab manual (5 games)

3) Prepare 2 Spiral class binded Files (Specific game & Yoga)

4) Practice Physical Fitness activities For 30 minutes daily:

\*Sit ups 100      \*Push ups = 60      \*Duck race & Frog jump = 5 min.

## INFORMATICS PRACTICES

1. Which of the following is correct about Python?
  - A. Python is a high-level, interpreted, interactive and object-oriented scripting language.
  - B. Python is designed to be highly readable.
  - C. It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.
  - D. All of the above
2. Which of the following is correct about Python?
  - A. It supports functional and structured programming methods as well as OOP.
  - B. It can be used as a scripting language or can be compiled to byte-code for building large applications.
  - C. It provides very high-level dynamic data types and supports dynamic type checking.
  - D. All of the above.
3. Which of the following is correct about Python?
  - A. It supports automatic garbage collection.
  - B. It can be easily integrated with C. C++. COM, ActiveX, CORBA, and Java.
  - C. Both of the above.
  - D. None of the above.
4. Is python a case sensitive language?
  - A. true
  - B. false
- 5-Which of the following data types is not supported in python?
  - A. Numbers
  - B. String
  - C. List
  - D. Slice
- 6-Which of the following data types is not supported in python?
  - A. Tuple
  - B. Dictionary
  - C. Generics
  - D. List
- 7- What is the output of print str if str = 'Hello World!'?
  - A. Hello World!
  - B. Error
  - C. str
  - D. None of the above.
8. Is Python case sensitive when dealing with identifiers?
  - a) yes
  - b) no
  - c) machine dependent
  - d) none of the mentioned
9. What is the maximum possible length of an identifier?
  - a) 31 characters
  - b) 63 characters
  - c) 79 characters
  - d) none of the mentioned
10. Which of the following is invalid?
  - a) a = 1
  - b) a = 1
  - c) str -1
  - d) none of the mentioned
11. Which of the following is an invalid variable?
  - a) my\_string\_1
  - c) foo
  - b) 1st\_string
  - d) \_\_
12. Why are local variable names beginning with an underscore discouraged?
  - a) they are used to indicate a private variables of a class
  - b) they confuse the interpreter
  - c) they are used to indicate global variables
  - d) they slow down execution
13. Which of the following is not a keyword?
  - a) eval
  - b) assert
  - c) nonlocal
  - d) pass
14. All keywords in Python are in
  - a) lower case
  - b) UPPER CASE
  - c) Capitalized
  - d) None of the mentioned
15. Which of the following is true for variable names in Python?
  - a) unlimited length
  - b) all private members must have leading and trailing underscores
  - c) underscore and ampersand are the only two special characters allowed
  - d) none of the mentioned
16. Which of the following is an invalid statement?
  - a) abc=1,000,000
  - b) a b c= 1000, 2000, 3000
  - c) a.b.c 1000, 2000, 3000
  - d) a\_b\_c=1,000,000
17. Which of the following cannot be a variable?
  - a) \_\_init\_\_
  - b) in
  - c) it
  - d) on

18. Which is the correct operator for power( $x^y$ )?  
 a)  $x^y$     b)  $x**y$   
 c)  $x^^y$     d) None of the mentioned
19. Which one of these is floor division?  
 a) /    b) //  
 c) %    d) None of the mentioned
20. What is the order of precedence in python?  
 i) Parentheses                                      ii) Exponential  
 iii) Multiplication                                  iv) Division  
 v) Addition    vi) Subtraction
- a) i,ii,iii,iv,v,vi  
 b) ii,i,iii,iv,v,vi  
 c) ii,i,iv,iii,v,vi  
 d) i,ii,iii,iv,vi,v
21. What is answer of this expression.  $22\%3$  is?  
 a) 7    b) 1  
 c) 0    d) 5
22. Mathematical operations can be performed on a string. State whether true or false.  
 a) True    b) False
23. Operators with the same precedence are evaluated in which manner?  
 a) Left to Right                                      b) Right to Left  
 c) Cant say    d) None of the mentioned
24. What is the output of this expression.  $3"1"*3$ ?  
 a) 27    b) 9  
 c) 3    d) 1
25. Which one of the following have the same precedence?  
 a) Addition and Subtraction                      b) Multiplication and Division  
 c) Both a and b    d) None of the mentioned
26. The expression `Int(x)` Implies that the variable x is converted to integer. State whether true or false.  
 a) True    b) False
27. Which one of the following have the highest precedence in the expression?  
 a) Exponential    b) Addition  
 c) Multiplication    d) Parentheses

Descriptive Questions.

- i) Illustrate a program to display different data types using variables and literal constants.
- ii) Show how an input and output function is performed in python with example.
- iii) Explain in detail about the various operators in python with suitable examples
- iv) How the area of circle is calculated explain with an example.
- v) Describe a program to calculate student result based on two examinations, a sports event and three activities conducted. The weightage of the activity 30%, sports =20%, and examination=50%