

HOLIDAY HOMEWORK

SESSION:2020-21

SUBJECT : ENGLISH

ATTEMPT ANY ONE.

1. Childhood is that state of paradise which lies buried deep inside a man's consciousness throughout his life. But there are many children around us who are deprived of their glorious childhood. Write in about 200-250 words how as a student would you contribute in shaping the lives of these underprivileged children.



2. Create a poster on 'environmental awareness'

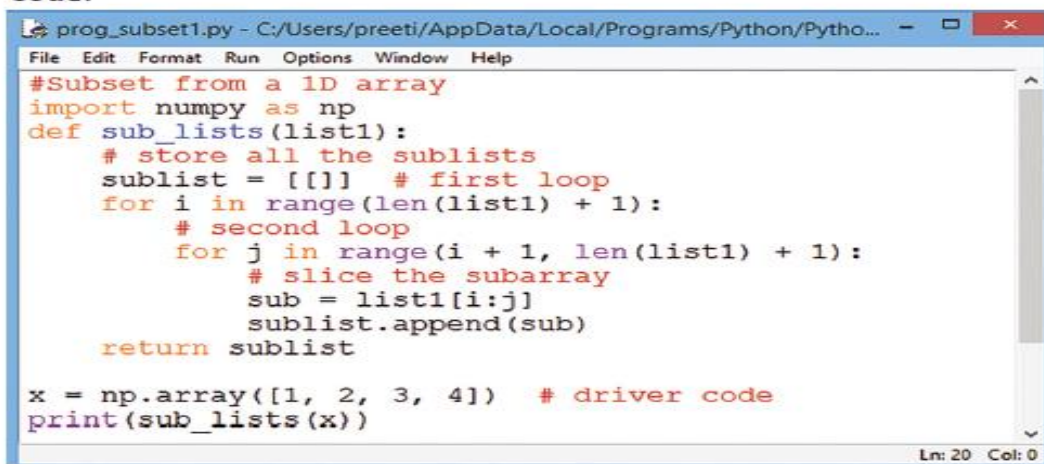
SUBJECT :INFORMATION PRACTICES

CLASS	SUBJECT	TOPIC OF THE PROJECT	GUIDELINE FOR THE PROJECT
XI	INFORMATICS PRACTICES	PROGRAMMING IN PYTHON	<ol style="list-style-type: none"> 1. The practical file should be done in A4 sheets. 2. The file should comprise of an introduction, contents, page number, Label 3. You have to type the question / Program. 4. You have to paste the screen shot of the code along with its output.

Sample

Program 26: Write a method to create subsets from a 1D array.

Code:



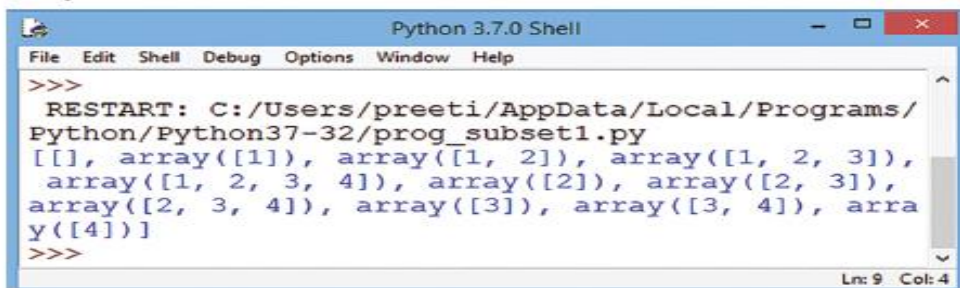
```

prog_subset1.py - C:/Users/preeti/AppData/Local/Programs/Python/Pytho...
File Edit Format Run Options Window Help
#Subset from a 1D array
import numpy as np
def sub_lists(list1):
    # store all the sublists
    sublist = [[]] # first loop
    for i in range(len(list1) + 1):
        # second loop
        for j in range(i + 1, len(list1) + 1):
            # slice the subarray
            sub = list1[i:j]
            sublist.append(sub)
    return sublist

x = np.array([1, 2, 3, 4]) # driver code
print(sub_lists(x))
Ln: 20 Col: 0

```

Output:



```

Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
>>>
RESTART: C:/Users/preeti/AppData/Local/Programs/Python/Python37-32/prog_subset1.py
[[], array([1]), array([1, 2]), array([1, 2, 3]), array([1, 2, 3, 4]), array([2]), array([2, 3]), array([2, 3, 4]), array([3]), array([3, 4]), array([4])]
>>>
Ln: 9 Col: 4

```

No.	Name of Practical
1.	WAP to compute x_n of two given integers x and n.
2.	WAP for calculating the simple interest.
3.	WAP to accept a number from the user and display whether it is an even number or an odd number.
4.	WAP to accept percentage of a student and display the grade accordingly.
5.	WAP to print the Fibonacci series up to a certain limit.
6.	WAP to display prime numbers up to a certain limit.
7.	WAP to accept a number, find and display whether it's an Armstrong number or not.
8.	WAP to accept a number and find out whether it is a perfect number or not.
9.	WAP to print the sum of the exponential series $1+x_1/1!+x_2/2!+.....x_n/(n)!$
10.	WAP to print the following pattern: 1 1 2 1 2 3
11.	WAP to accept a string and display whether it is a palindrome.
12.	WAP that counts the number of alphabets and digits, upper case letters, lower case letters, spaces and other characters in the string entered.
13.	WAP to accept a string (a sentence) and return a string with the first letter of each word in capital letter.
14.	WAP to remove all odd numbers from the given list.
15.	WAP to display the second largest element of a given list.
16.	WAP to display the cumulative elements of a given list.
17.	WAP to display the frequencies of all the elements of a list.
18.	WAP in Python to display those strings which are starting with 'A' in the given list.
19.	WAP in Python to find and display the sum of all the values which are ending with 3 from a list.
20.	WAP to shift the positive numbers to the left and the negative numbers to the right.
21.	WAP to swap the content with the next value divisible by 7.
22.	WAP to accept values from the user and create a tuple.
23.	Write a program to input the total number of sections and stream names in 11 th class and display all information on the output screen.
24.	Write a Python program to input names of 'n' countries along with their capitals and currencies, store them in a dictionary and display them in a tabular form. Also search for and display a particular country.
25.	Write a program to create an array from range 0 to 9.

SUBJECT :HINDI

CLASS	SUBJECT	TOPIC OF THE PROJECT	GUIDELINES FOR THE PROJECT
XI	Hindi	<ul style="list-style-type: none"> गज़ल 	<ul style="list-style-type: none"> पाठ‘गज़ल’ के आधार पर सुप्रसिद्धगज़लकारदुष्यंत कुमारकेगजलों काभावार्थलिखते हुए, आज केशासनव्यवस्थाकोअपनेशब्दों में लिखें। गृहकार्य के लिए एक सफ़ेद चार्ट पेपर, रंगीन पेंसिल तथा रंगों का प्रयोग करना है।

SUBJECT :COMPUTER SCIENCE

CLASS	SUBJECT	TOPIC OF THE PROJECT	GUIDELINES FOR THE PROJECT
XI	Computer Science	Create a database of having a table named as STUD	<ol style="list-style-type: none"> 1. Create a table in MySql named as STUD with the attributes Admission_id, Roll_no, Class, Name, Ph_no, Subjects. 2. Make Admission_id as Primary key. 3. Add at least 10 students details in that table. 4. Display all the data of the table. 5. Take screenshot of each and every command and paste it in a word file. 6. Write all the steps in details after every picture. 7. Create a PDF of it.

SUBJECT :WEB APPLICATION

CLASS	SUBJECT	TOPIC OF THE PROJECT	GUIDELINES FOR THE PROJECT
XI	Web Application	Create a Web page	<ol style="list-style-type: none"> 1. Create a webpage using HTML, CSS and JavaScript. 2. Use <h> tag within the body tag to display the webpage name. 3. Use paragraph to display your name. 4. Use a button with text “Info” written on it. 5. Clicking on that button it will show your class, section and stream in an alert box. 6. Take the screenshot of the webpage.

SUBJECT :PHYSICAL EDUCATION

CLASS	SUBJECT	TOPIC OF THE PROJECT	GUIDELINES FOR THE PROJECT
XI	Physical Education (048)	<p>Record File shall include:</p> <p>1: Labelled diagram of 400 M Track & Field with computations.</p> <p>2:Computation of BMI from family or neighbourhood</p> <p>3: Explain History ,skills,Labelled diagram of field & equipment of any one game of your choice out of the list given.</p> <p>4: List of current National Awardees (Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award.</p> <p>5: Pictorial presentation of any five Asanas for improving concentration.</p>	<p>Write all topics in a single shoe lace file using Colour pens, crayons or sketch pens etc.Pictures can be pasted/drawn if required.</p> <p>Draw and indicate the measurements..</p> <p>Compute data and show in a tabular form with their name and age and BMI catagories.</p> <p>Select any one from following games for explanation:</p> <p>Athletics/Badminton/Chess/Swimming/ Rope-Skipping /Yoga</p> <p>Prepare a complete name list of All awardees of year 2020 with their achievements in different games.</p> <p>Explain process benefits and contradiction both in words and with the help of pictures drawn by you or pictures can be pasted if required.</p>

SUBJECT: BANKING

- 1 What is ATM PIN ? When is it provided by the bank ?
- 2 Write the names of any two Mutual Funds.
- 3 In the absence of RBI branch in a particular city, which Bank acts as the clearinghouse?
- 4 Who is vested with the power to exercise control over Banks in India?
- 5 Explain any two features of demand draft?
- 6 What is meant by 'Cash Reserve Ratio' ?
- 7 What is meant by a Balance Sheet? Why is it prepared?
- 8 What is the full form of CORE.
- 9 What is the difference between a Debit card and a Credit card ? Explain briefly.
- 10 What is internet banking?
- 11 On which date are the final accounts of banks in India prepared?
- 12 MIBOR stands for

SUBJECT: BST

EMERGING MODE OF BUSINESS

1. What does 'e' stand for in e-business?
2. Jyoti wanted to sell her mobile phone but does not get any buyer. On her friends suggestion she posted the mobile on sale on www.olx.com and found a buyer within two days. Name the type of e-business.
3. Ram stays in a hostel in USA and his parents stay in Mumbai. Ram's birthday is in five days and his parents wish to gift him a pair of branded shoes. How can they gift?
4. What do you mean by Intra B Commerce?
5. Distinguish between e-commerce and e-business
 - (i) B2B Commerce (ii) B2C commerce.
 - (iii) Intra B-commerce (iv) C2C commerce
6. Explain any four limitations of electronic mode of doing business. Are these limitations severe enough to restrict its scope? Give reasons for your answer.
7. State three benefits of e-business?
8. Elaborate the steps involved in online trading
9. Why are e-business and outsourcing referred to as the emerging modes of business? Discuss the facts responsible for the growing importance of these trends?
10. www.olx.in, www.quicker.com etc are examples of websites used to conduct business. Dipti's sofa set got spoiled in rain. Her friend suggested that she should change the fabric so that it looks new and put it for sale on www.olx.com Dipti followed her friend's advice and got her sofa repaired so that it looks better and

uploaded nicely clicked pictures on www.olx.com in without disclosing the fact that it was damaged from inside. She found a customer and sold it for Rs. 9,000. After one week the buyer found the real state of sofa

set and called Dipti but she did not answer any of the call.

(i) Name the type of business in above case.

(ii) Which values did Dipti ignore while selling her sofa set?

(iii) Explain two advantages and disadvantages of e-commerce

11. Explain risks involved in e-business in detail?

SOCIAL RESPONSIBILITIES OF BUSINESS & BUSINESS ETHICS

12. Write two examples of business ethics?

13. Explain how labour movement has helped company to fulfill its social responsibility?

14. 'Social responsibility is burden on consumer' Describe the statement?

15. 'To avoid government regulation, businessmen follow the concept of social responsibility' .How much this statement is true?

16. Enumerate any three responsibilities of business towards employees.

17. LMN Ltd. is filing its income tax returns on time. They are also updating their shareholders about their projects and provide for return to them. Towards which interest group are they fulfilling their responsibility?

Which values are being followed by the Co.?

18. ABC Ltd. deals in health drinks. It is found that there are components of pesticides in their drinks. Mention

which 2 kinds of responsibilities and 2 values are missing from this approach?

19. XYZ Co. is providing facilities for their female staff like day care centre for kids and work from home facility.

By doing this they are following social responsibilities towards which interest group? Also, what values are they presenting?

20. MNO Ltd., a renowned computer follows the vision of "reaching new heights with its people on its side". It

not only provides quality products but also provides various facilities to its employees for 5 years of service.

It also provides computer skills to youth in remote areas for free.

(a) What according to you are the business ethics of the company?

(b) It is fulfilling its social responsibilities towards which interest groups?

21. There is a group discussion taking place in class XI regarding social responsibility of business' Ravi feels that a

business should be socially responsible towards the society it exists in while shama is against it as basic objective of a business is to earn project. Whom do you think, you will favour? Write points with respect to

you opinion.

22. State the factors against social responsibility?

23. Describe the role of social responsibility in todays era?

SUBJECT: ACCOUNTANCY

SUMS ON DEPRECIATION

1. On 1st April, 2015, a machinery was purchased for ₹ 20,000. On 1st October, 2016 another machine was purchased for ₹ 10,000 and on 1st April, 2017, one more machine was purchased for ₹ 5,000. The firm depreciates its machinery @ 10% p.a. on the Diminishing Balance Method.

What is the amount of Depreciation for the years ended 31st March, 2016; 2017 and 2018? What will be the balance in Machinery Account as on 31st March, 2018?

2. A Machinery was purchased for ₹ 1,80,000 on 1st July, 2015. Depreciation was charged annually @ 10% on Diminishing Balance Method. 1/4th of this Machinery was sold on 1st October, 2017 for 36,000. Prepare Machinery A/c from the year ended 31st March, 2016 to 2018, if the books are closed on 31st March every year.

3. M/s. P & Q purchased machinery for ₹ 40,000 on 1st October, 2015. Depreciation is provided @ 10% p.a. on the Diminishing Balance. On 31st January, 2018, one-fourth of the machinery was found unsuitable and disposed off for ₹ 5,600. On the same date new machinery at a cost of ₹ 15,000 was purchased. Write up the Machinery account for the years ended 31st March, 2016, 2017 and 2018. Accounts are closed on 31st March each year.

4. A company purchased on 1st July, 2015 machinery costing ₹ 30,000. It further purchased machinery on 1st January, 2016 costing ₹ 20,000 and on 1st October, 2016 costing ₹ 10,000. On 1st April, 2017, one-third of the machinery installed on 1st July, 2015 became obsolete and was sold for ₹ 3,000. The company follows financial year as accounting year. Show how the machinery Account would appear in the books of company if depreciation is charged @ 10% p.a. on Written Down Value Method.

5. On 1st October, 2010, Meenal Sharma bought a machine for ₹ 25,000 on which he spent ₹ 5,000 for carriage and freight; ₹ 1,000 for brokerage of the middle-man, ₹ 4,000 for installation. The machine is depreciated @ 10% p.a. on written down value basis. On 31st March, 2013 the machine was sold to Deepa for ₹ 30,500 and ₹ 500 was paid as commission to broker through whom the sales was effected. Find out the profit or loss on sale of machine if accounts are closed on 31st March, every year.

6. Astha Engineering Works purchased a machine on 1st July, 2015 for ₹ 1,80,000 and spent ₹ 20,000 on its installation. On 1st April, 2016, it purchased another machine for ₹ 2,40,000. On 1st October, 2017, the machine purchased on 1st July, 2015 was sold for ₹ 1,45,000. On 1st January, 2018, another machine was purchased for ₹ 4,00,000 plus IGST @ 12%.

Prepare the Machinery Account for the years ended 31st March, 2016 to 2018 after charging Depreciation @ 10% p.a. by Diminishing Balance Method.

Accounts are closed on 31st March every year.

7. A firm purchased on 1st April, 2015 certain machinery for ₹ 5,82,000 and spent ₹ 18,000 on its installation. On 1st October, 2015, additional machinery costing ₹ 2,00,000 was purchased. On 1st October, 2017, the machinery purchased on 1st April, 2015 was auctioned for ₹ 2,86,000 plus CGST and SGST @ 6% each and a new machinery for ₹ 4,00,000, plus IGST @ 12% was purchased on the same date. Depreciation was provided annually on 31st March at the rate of 10% p.a. on the Written Down Value Method. Prepare the Machinery Account for the three years ended 31st March, 2018.

8. Shakti Cements purchased on 1st April, 2015 a plant for ₹ 80,000. On 1st July, 2016, it purchased additional plant costing ₹ 48,000. On 1st December, 2017, the plant purchased on 1st April, 2015 was sold for ₹ 42,000 plus IGST @ 12% and on the same date a fresh plant was purchased for ₹ 75,000 plus CGST and SGST @ 6% each. Depreciation is provided at 10% p.a. on the Diminishing Balance Method. Accounts are closed on 31st March each year. Show the plant Account for 3 years (along with working notes).

9. Sharma & Co. whose books are closed on 31st March, purchased a machinery for ₹ 1,50,000 on 1st April, 2015, Additional machinery was acquired for ₹ 50,000 on 1st October, 2015. Certain machinery which was purchased for ₹ 50,000 on 1st October, 2015 was sold for ₹ 40,000 on 30th September, 2017. Prepare the Machinery Account and Accumulated Depreciation Account for all the years up to the year ended 31st March, 2018. Depreciation is charged @ 10% p.a. on Straight Line Method. Also, show the Machinery Disposal Account.

SUMS ON JOURNAL ENTRIES

10. PASS NECESSARY JOURNAL ENTRIES FOR THE FOLLOWING TRANSACTION

- i. Received from Insurance Company Rs. 15,000 against a claim of Rs. 25,000
- ii. Sold goods to Sukumar & Co. costing Rs. 6000 at an Invoice Price of 10% above cost less trade discount 5%
- iii. Goods stolen by employee of Rs. 1500(sales price Rs. 2000)
- iv. Rahul who owes us Rs. 6000 becomes insolvent and a final dividend of 40 paise in a rupee is received from his house.
- v. Paid for Broadband Services Rs. 4000(CGST 9%, SGST 9%)