

PM SHRI KV NO2, BOLANGIR
ECONOMICS HOLIDAY HOMEWORK (Autumn Break)
CLASS – XI th (2024-25)

Q.1 ASSERTION -REASON TYPE QUESTIONS

Read the following statements carefully –

Assertion (A) and Reason (R) and choose the correct alternative:

(i) **Assertion (A):** Economic problems involve the problem of making choices.

Reason (R): It arises because of never-ending wants and their alternative uses.

(ii) **Assertion (A):** Statistical results are true only on an average.

Reason (R) Like laws of natural sciences statistical results are exactly valid in all situations.

a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of (A)

b) Assertion (A) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).

c) Assertion (A) is true, but Reason (R) is false.

d) Assertion (A) is false, but Reason (R) is true.

Q.2 Statement-Based Questions

Read the following statements carefully and choose the correct alternative given below:

Alternatives:

a) **Statement 1 is true and statement 2 is false.**

b) **Statement 2 is true and statement 1 is false. c) Both the statements are true**

d) **Both the statements are false**

(i) **Statement 1:** Scarcity is the root cause of all economic problems.

Statement 2: Human wants are limited.

(ii) **Statement 1:** Economic activities involve earning of money.

Statement 2: In the plural sense, statistics deals with the collection, organization, presentation, interpretation, and analysis of data.

Q.3 What is the relation between Good X and Good Y, if with rise in the price of Good X, demand for Good Y rises? (one word)

Q.4 From the set of statements given in column I and column II choose the correct pair of statement.

Column I	Column II
A. Demand	(i) Specific quantity to be purchased against a specific price of the commodity
B. Substitute goods	(ii) Bread and Butter
C. Normal goods	(iii) Income effect is negative
D. Increase in Demand	(iv) More of a commodity is purchased at its existing price

Alternatives:

(a) A – (i) (b) B – (ii) (c) C – (iii) (d) D – (iv)

Q.5 The following news was printed in the Economic Times

Petrol and Diesel prices were cut by 2 per litre as international oil prices slumped into a 5-year low" Use a diagram and economic theory to analyze the impact on the demand for cars in India

Q.6 Represent the following using pie diagram

Item of Expenditure	% of Total Expenditure	Proportionate Angle
Fooding	70	252°
shopping	10	36°
Rent	5	18°
Education	10	36°
Miscellaneous	5	18°

Q.7 What are the essential parts of a statistical table? Explain any four

Q.8. Calculate the median marks of students from the following distribution.

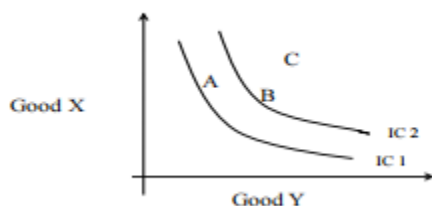
Marks	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70	70 – 80
Number of Students	7	10	10	20	20	15	8

Q.9 .A class consists of 50 students, out of which 30 are girls. The mean of marks scored by girls in a test is 73 (out of 100), and that of boys is 71. Determine the mean score of the whole class.

Q.10 Calculate MOC from the following schedule.

Rice (tones)	0	1	2	3	4	5
Wheat(tones)	150	140	120	90	50	0

Q.11. Read the following diagram carefully and answer the given questions.



1. In the above given indifference curves IC1 and IC 2, which indifference curve will be preferred by the consumer and why?
2. Whether consumer is able to purchase the combination indicated at point C? If so why?

3. Out of the given points A and B, which point will be preferred by the consumer? Why?

Q.12 Application level questions

1. Price of the commodity increases from ₹. 10 to ₹ 12 per unit and expenditure on the commodity

increases by 20% find elasticity. Give logical support to our answer.

2. At Price ₹.4, the demand for the good is 25 units. Suppose the price of the good increases to ₹5 and the

demand for the good falls to 20 units. Calculate the price elasticity

Q13. Explain the law of variable proportion with the help of table & diagram.

Q14.

Q1. MULTIPLE CHOICE QUESTIONS

A) The physical components of the computer are known as

- a) Software
- b) Program
- c) Hardware
- d) Both A and C

B) Which of the following is the fastest memory?

- a) RAM
- b) Cache
- c) ROM
- d) Hard Disk

C) _____ is volatile i.e. as long as the power is supplied to the computer, it retains the data in it

- a) RAM
- b) CD
- c) ROM
- d) Hard Disk

D) Arrange the following units of memory in decreasing order of storage

- i) KB (Kilobyte)
 - ii) GB (Gigabyte)
 - iii) MB (Megabyte)
 - iv) TB (Terabyte)
- a) iv) TB ii) GB i) KB iii) MB
 - b) ii) GB iv) TB i) KB iii) MB
 - c) iv) TB iii) MB i) KB ii) GB
 - d) iv) TB ii) GB iii) MB i) KB

E) Operating System is an example of

- a) System software
- b) Utility program
- c) Application software
- d) None of the above

F) _____ is designed to solve a specific problem or to do a specific task.

- a) System software
- b) Utility software
- c) User
- d) Application software

G) Identify the immutable data type:

- (a) dictionary (b) int (c) list (d) set

H) $a = 5 > 2$

What will be the data type of the variable a?

(a) True (b) int (c) bool (d) None of these

I) Which function displays the memory location of an object/variable ?

J) Python is case-sensitive – True / False

K) Repetition of a set of statements in a program is made possible using _____

- a) Selection Constructs
- b) Sequential Constructs
- c) Looping Constructs
- d) None of the above

L) Consider the loop given below:

```
for i in range(7,4,-2) :
```

```
    break
```

What will be the final value of i after this loop?

- a) 4
- b) 5
- c) 7
- d) -2

M) Which of the following is correct way of creating a dictionary?

- a) Medals={'Gold':12,'Silver':21,'Bronze':32}
- b) Medals={'Gold':12,'Silver':21,'Bronze':32}
- c) Medals=['Gold':12,'Silver':21,'Bronze':32]
- d) Medals=('Gold':12,'Silver':21,'Bronze':32)

Case Based Question-1

Mr Rakesh has eleven CDs each of capacity 700 MB containing MP3 songs of legendary singers of Bollywood. After few years he discovers that the CDs are becoming corrupt. So he wants to transfer the songs to a pen drive for keeping them. How much minimum capacity pen drive should he purchase if pen drives are available in 2 GB, 4 GB, 8 GB and 16 GB sizes?

Case Based Question -2

Ramesh wants to purchase a new PC. He is trying to choose a PC within his budget which will work fast. Which of the following components are compulsory and which are optional and explain why?

- a) Scanner
- b) Keyboard
- c) Printer
- d) Monitor
- e) Mouse

SHORT ANSWER TYPE

A) What is range() function? Give an example

B) Write the output of the following code:

```
val = 10
```

```
total = 0
```

```
for count in range(1,val,3):
```

```
    total = total + count
```

```

    if count % 2 == 0:
        print(count*10)
    else:
        print(count)
print (total)

```

C) Find errors in the following code and write the correct code after underlining it.

```

x = int(input("Enter value"))
for k in range[0,20]
    if x=k
        print(x+k)
    else:
        Print(x-k)

```

D) Write a python statement to create a dictionary 'NationalBird' having following items: (Please don't consider the column headers)

<i>Country</i>	<i>National Bird</i>
India	Peacock
Australia	Emu
Bahamas	Flamingo
Italy	Sparrow
New Zealand	Kiwi

LONG ANSWER TYPE.

A). Vedansh is a Python programmer working in a school. He has written the following code, but it contains mistakes.

```
n1=Int ( input ( "Enter the number")) # statement 1
```

```
2n=int ( input ( "Enter the number")) # statement 2
```

```
rem= n1 % n2 # statement 3
```

```
print("rem" ) # statement 4
```

As a Python expert, help him by answering the following questions:

- Identify the statements that don't contain any errors.
- Write the correct code for the statements containing error.
- Which type of operator is being used in statement 3.
- What will be the output if the input is 10 and 6 respectively for n1 and n2.

B)What do you mean by looping construct in Python? Explain for loop and while loop with their syntax and appropriate examples

C) Rakesh wants to write a program to count the number of vowels from the word 'Alexander' by converting it into a list. But the program does not run due to errors. Help Rakesh to identify and rectify the errors so that program can run:-

```

L=List('Alexander')
count==0
For i in L:
    if i within 'aeiouAEIOU'
        count+=1
print(count)

```