Reasoning

Question 1

Select the option that is related to the third term in the same way as the second term is related to the first term.
Where : Place :: When : ....

A There

B Then

C Why

D Time

Answer: D

Question 2

Six friends, P, Q, R, S, T and U, are sitting in a closed circle facing the centre such that each one is facing another one. P is facing S. R is between P and Q. is between P and T who is sitting right of S. Whois sitting to the immediate right of R?

A P

B T

C Q

D S

Answer: C

Question 3

Read the given statements and conclusion carefully and decide which of the following options is true with respect to the given conclusion.
Statements:
The Gateway of India is in Mumbai.
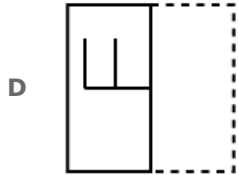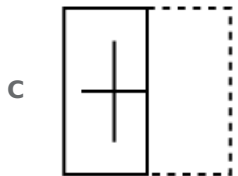Mumbai is in India.
Conclusion:
The Gateway ofIndia is in India.

A Probably false

B True

C False

D Probably true

Answer: B

Question 4

A square transparent sheet with a pattern is given. Select from among the four alternatives how the pattern would appear when the transparent sheet is folded at the dotted line.

A

B

C

D
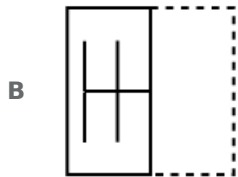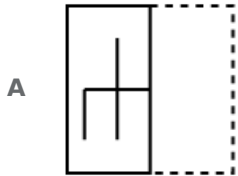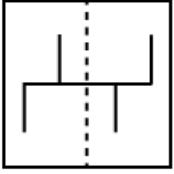
Answer: B

Question 5

Select the fraction that will next in the following series.

$$\frac{2}{3}, \frac{4}{5}, \frac{6}{7}, \frac{8}{9}, \frac{10}{11}, \frac{12}{13}, \underline{\hspace{2cm}}$$

A $\frac{14}{15}$

B $\frac{14}{16}$

C $\frac{13}{15}$

D $\frac{13}{14}$

Answer: A

Question 6

Select the Venn diagram that best illustrates the relationship between the three given classes.
Flowers, Red, Clothes

A

B

C

D
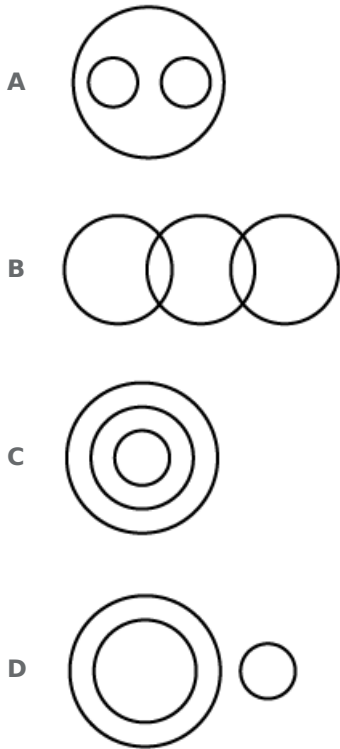
Answer: B

Question 7

U, V, W, X, Y and Z are seated in a circle facing the centre such that each one is facing another one. X is between Z and V. U is second to the left of X and secondto the right of Y. Who is facing X?

A   W

B   Z

C   Y

D   U

Answer: A

Question 8

Select the term that will come in the followingseries.
PC, RF, TI, VL, XO, ...

A   ZQ

B   ZR

C   YQ

D   YR

Answer: B

Question 9

In the following numberseries, two numbers have been put within brackets. Study the series carefully and select the correct alternative with respect to the series.
1, 1, 2, 6, 24, (121), 720, (5040), 40320

A The first bracketed number (from the left) is correct and the second is incorrect.

B The first bracketed number (from the left) is incorrect and the second is correct.

C Both the bracketed numbers are in correct.

D Both the bracketed numbers are correct.

   Answer: B

Question 10

If D = 3, G = 6, and FUN = 38, then PRESIDENT = ...

A 119

B 110

C 100

D 101

   Answer: D

Question 11

If SQUARE is coded as TSXEWK, then TRIANGLE will be coded as ....

A UTLFSMSM

B UTLESNSM

C UTLESMSM

D UTLESMSN

   Answer: C

Question 12

Select the word-pair that is analogous to the given word-pair.
France : Paris

A Iran: Rial

B India : Mumbai

C Cuba : Havana

D China : Yuan

   Answer: C

Question 13

Select the option in which the given figure is embedded.

A

B

C

D
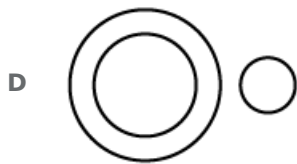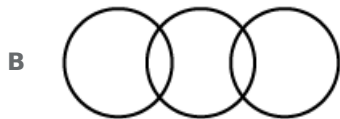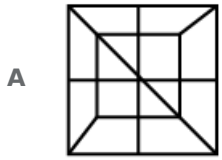
Answer: A

Question 14

Select the number that DOES NOT belong to the following group.
3, 6, 9, 12, 15, 18, 21, 24, 28, 30

A   28

B   30

C   18

D   15

Answer: A

Question 15

Select the number-pair that is different from the rest.

A   7-345

B   5-125

C   9-729

D   3-27

   Answer: A

Question 16

Choose the option that most closely resembles the mirror image of the given word when mirror is placed at right side.
AIM

A   AIM

B   MIA

C   AIW

D   WIA

   Answer: B

Question 17

Four pairs of words have been given, out of which three are alike in some manner, while one is different. Choose out the odd one.

A   Brother : Sister

B   Lion : Lioness

C   Bear : Cub

D   Cock : Hen

   Answer: C

Question 18

The statements beloware followed by three conclusions labeled I, II and III. Assuming that the informationin the statementsis true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:
All balls are boats.
All boats are cars.
Conclusions:
I. Somecarsareballs.
II. All balls are cars.
III. All cars are balls.

A   All the conclusions follow.

B   Only conclusion III follows.

C   Only conclusions II and III follow.

D   Only conclusions I and II follow.

   Answer: D

Question 19

Select the correct option to complete the following pattern.

A

B

C

D
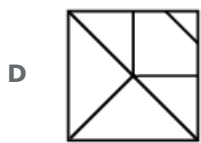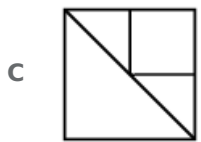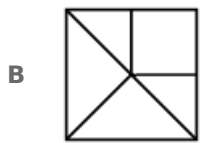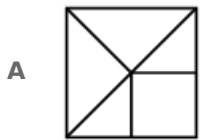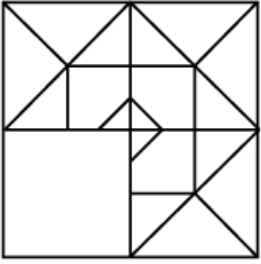
Answer: D

Question 20

Which two signs need to be interchanged to make the given equation correct?

$20 \div 10 \times 100 - 10 + 100 = 910$

A $+ \ and \ -$

B $\times \ and \ -$

C $\div \ and \ \times$

D $+ \ and \ -$

Answer: D

Question 21

Select the figure that will come next in the following series.

A

B

C

D
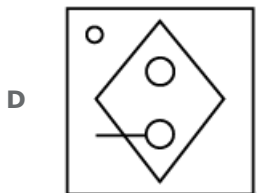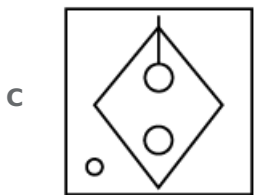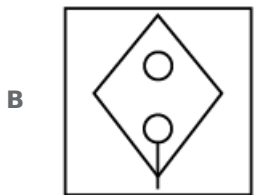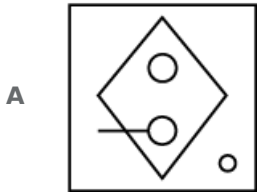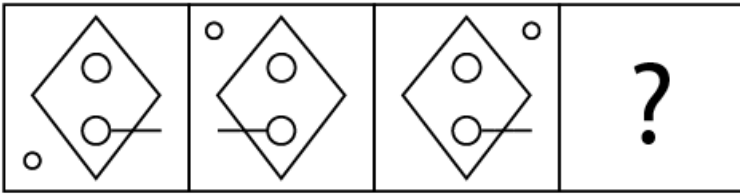
Answer: A

Question 22

Diya have five subjects in her academics namely A, B, C, D and E. She studies them from Monday to Friday of a week. On each day, only one subject will be studied. D or E should not be either the first or last to be studied. E should be immediately followed by C. B should be studied immediately after D. One subject will be studied between A and B.
Then which subject she immediately reads after Monday?

A   B

B   D

C   E

D   A

Answer: C

Question 23

Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A   Volume

B   Force

C   Volt

D   Power

   Answer: C

Question 24

Select the option that is related to the third number in the same way as the second number is related to the first number.
9 : 100 :: 13 : ....

A   130

B   144

C   196

D   169

   Answer: C

Question 25

Identify the odd one from the following.

A   PRT

B   VXZ

C   HJL

D   CFG

   Answer: D

General knowledge

Instructions
For the following questions answer them individually

Question 26

'Tulsidas', a poet who lived during the medieval times of Indian history, wrote "Ramcharitmanas' in which of the following languages?

A   Pali

B   Prakrit

C   Awadhi

D   Sanskrit

   Answer: C

Question 27

What was the capital of the French colony in India?

A   Pondicherry

B   Calicut

C   Cochin

D   Goa

   Answer: A

Question 28

Which famous Indian personality is the founder of 'Paani Foundation'?

A   Shah Rukh Khan

B   Salman Khan

C   Amir Khan

D   Ranveer Singh

   Answer: C

Question 29

With the commencement of the 7th century, who ascended the throne of Thaneshwar and Kannauj?

A   Krishnadeva

B   Harshavardhana

C   Rajendra Chola I

D   ChandraGupta II

   Answer: B

Question 30

Whois the cofounderof IndiGo Airlines?

A   Kiran Majumdar Shaw

B   Pawan Munjal

C   Y C Deveshwar

D   Rahul Bhatia

Answer: D

Question 31

'Vijay Amvitraj' was a legendary Indian player associated with whichof the following sports?

A   Lawn tennis

B   Swimming

C   Rifle shooting

D   Badminton

   Answer: A

Question 32

Whatis India's rank in the World Bank's Human Capital Index (HCI) rankings as of Feb 2019?

A   124

B   115

C   126

D   104

   Answer: B

Question 33

'Talatal Ghar' is a historical monument situated in which of the following Indian states?

A   Assam

B   West Bengal

C   Sikkim

D   Odisha

   Answer: A

Question 34

"Which among the following is the longest river in South India?

A   Narmada

B   Tungabhadra

C   Godavari

D   Krishna

   Answer: C

Question 35

Which disease among the given options spreads via pigs?

A   Nipah

B   Swine flu

C   Zika

D   Plague

   Answer: B

Question 36

Riboflavin present in fish is also known as:

A   Vitamin C

B   Vitamin K

C   Vitamin B12

D   Vitamin B2

   Answer: D

Question 37

Which mountain pass in the world has the highest motorable road in the world?

A   Jelep-La

B   Nathu-La

C   Shipki-La

D   Dhungria-La

   Answer: D

Question 38

The production of a commodity through natural processis an activity associated to which sector of the Indian Economy?

A   Tertiary

B   Secondary

C   Quaternary

D   Primary

   Answer: D

Question 39

As on 2018, which is the world's largest political party in terms of primary membership?

A The Bharatiya Janta Party

B The Conservative Party of UK

C The Democratic Party of the US

D National republican Party US

Answer: A

Question 40

Fiscal policy is based on the economic theory given by which of the following economist?

A John Maynard Keynes

B Adam Smith

C Milton Friedman

D John Nash

Answer: A

Question 41

'Theyyam' is a popular dance form of which of the following states?

A Karnataka

B Kerala

C Gujarat

D Manipur

Answer: B

Question 42

The National Food Security Act was passed in which of the following years?

A 2011

B 2013

C 2014

D 2012

Answer: B

Question 43

The movement of a horse drawn carriage is an example of which principle of physics?

A   Newton's third law of motion

B   Ohm's law

C   Archimedes principle

D   Avogadro's law

   Answer: A

Question 44

Which city will host the upcoming Winter Olympic Games scheduled in 2022?

A   Los Angeles

B   Paris

C   Tokyo

D   Beijing

   Answer: D

Question 45

The festival of 'Hareli' is celebrated in which of the following Indian states?

A   Odisha

B   Chhattisgarh

C   Punjab

D   Madhya Pradesh

   Answer: B

Question 46

The Consumer Protection Bill, 2018 has replaced the Consumer Protection Act of which of the given years?

A   1981

B   1986

C   1991

D   1978

   Answer: B

Question 47

'Azadirachta indica' is the botanical name of which evergreentree foundin the Indian sub-continent?

A   Curry tree

B Pine tree

C Hibiscus tree

D Margosa tree

   Answer: D

Question 48

'The Legend of Laxmi Prasad' was the title of a book written by which one of the following authors?

A Arundhati Roy

B Twinkle Khanna

C Jhumpa Lahiri

D Shobha De

   Answer: B

Question 49

In which layer of the earth's atmosphere is the ozone layer found?

A Troposphere

B Mesosphere

C Exosphere

D Stratosphere

   Answer: D

Question 50

As of January 2019, whatis the number of articles in the Indian constitution?

A 431

B 402

C 448

D 395

   Answer: C

Quant

Instructions
For the following questions answer them individually

Question 51

The Area of a rectangle is $27m^2$ and its length is 3 times of its breadth. The perimeter of the rectangle is:

A 24cm

B 12cm

C 42cm

D 28cm

   Answer: A

Question 52

Study the Table Properly and answer by interpreting the data.
The table shows the percentage population of five districts in a state below poverty line and the proportion of males and females.

District	Percentage of population below poverty line	Propportion of Male and Female	
		Below poverty Line (M:F)	Above poverty Line (M:F)
D1	15	2:3	3:2
D2	18	3:4	7:5
D3	20	2:5	3:4
D4	25	5:2	4:3
D5	12	3:7	2:7

The total population in D_1, is 30,000. The number of female under below poverty line in the district D_1, is:

A 2500

B 3500

C 2700

D 1800

   Answer: C

Question 53

The value of $30 \div 6 \times 5$ of $(2+3) - 12(3 \times 2)$ is equal to:

A 28

B 35

C 82

D 53

   Answer: D

Question 54

Two numbers are less than a third number by 25 and 36 respectively. The percentage of first number less than second number is:

A 61%

B 11%

C 18%

D 52%

   Answer: D

Question 55

The value of 25 **of** $4 - 30 + (2^2 + 18)$ **is:**

A 23

B 84

C 92

D 37

   Answer: C

Question 56

A wheel makes 4000 revolution is covering a distance of 60km. The radius of the wheel is:

A 8m

B 8.25m

C 4.68m

D 2.39m

   Answer: D

Question 57

In class IX, the average of marks in science for six students was 48. After result declared, it was found in case of one student, the marks 45 were misread as 54. The correct average is :

A 46.40

B 46.50

C 76.50

D 64.39

   Answer: B

Question 58

Study the Table Properly and answer by interpreting the data
The table shows the percentage population of five districts in a state below poverty line and the proportion of males and females.

District	Percentage of population below poverty line	Propportion of Male and Female	
		Below poverty Line (M:F)	Above poverty Line (M:F)
D1	15	2:3	3:2
D2	18	3:4	7:5
D3	20	2:5	3:4
D4	25	5:2	4:3
D5	12	3:7	2:7

If the total population of district D_4, is 35000, then what is the number of females above the poverty line in the district D_4 ?

A   10,500

B   14,240

C   11,250

D   12,450

  Answer: C

Question 59

In a class, the average age of 40 students is 12 years when teacher's age is included to it, the average increases by 1. The age of teacher is :

A   53 years

B   51 years

C   48 years

D   68 years

  Answer: A

Question 60

Shopkeeper selling on article for ₹46 loses 8%. In order to gain of 6%, what should be the selling price of the article?

A   ₹65

B   ₹56

C   ₹53

D   ₹85

  Answer: C

Question 61

The areas of two squares are 16:9. Theratio of their perimeter is:

A 9:16

B 9:12

C 12:16

D 16:12

Answer: D

Question 62

The difference between upper limit and lower limit of the class interval is called as:

A Range

B Mode

C Frequency distribution

D Class size

Answer: D

Question 63

Study the Table Properly and answer by interpreting the data
The table shows the percentage population of five districts in a state below poverty line and the proportion of males and females.

District	Percentage of population below poverty line	Propportion of Male and Female	
		Below poverty Line (M:F)	Above poverty Line (M:F)
D1	15	2:3	3:2
D2	18	3:4	7:5
D3	20	2:5	3:4
D4	25	5:2	4:3
D5	12	3:7	2:7

If the total population in the district D3 is 40,000, then what is the population of below poverty line in the district D3, ?

A 10,000

B 5,000

C 8,000

D 12,000

Answer: C

Question 64

In how many years, a sum will be thrice of it at the rate of interest 5% per annum?

A 25 years

B 40 years

C 30 years

D 20 years

Answer: B

Question 65

If $(x + y) : (x - y) = 3 : 2$**, then** $(x^2 + y^2) : (x^2 - y^2)$ **is in the ratio of:**

A 12:13

B 5:12

C 13:12

D 24:5

Answer: C

Question 66

In a university, the number of students studying science, mathematics and language are in the ratio of 2:4:9. If the number of students in Science, Mathematics and Language be increased 10%, 20% and 40% respectively. What will be the new ratio?

A 12:23:63

B 11:24:63

C 24:11:63

D 63:11:24

Answer: B

Question 67

By Selling a TV for ₹8500 a person loses 15%. In order to gain of 5%, Selling price of TV should be:

A ₹10,500

B ₹10,000

C ₹9,500

D ₹9,000

Answer: A

Question 68

'A' pipe can empty a tank in 20 minutes. The second pipe 'B' has a diameter twice as that of 'A'. If both A & B pipe are attached to the tank how much time will be required to empty the tank?

A $10\frac{1}{2}$ minutes

B 25 minutes

C 15 minutes

D $6\frac{2}{3}$ minutes

  Answer: D

Question 69

The HCF and LCM of two numbersare 12 and 240 respectively. If one of the number is 24, what is the another number

A 120

B 228

C 264

D 144

  Answer: A

Question 70

Rama and Hari can together finish a piece of work in 15 day. Rama works twice as fast as Hari, then Hari alone can finish work in :

A 45 days

B 30 days

C 25 days

D 20 days

  Answer: A

Question 71

Two numbers are 20% and 40% more than the third number respectively. The ratio of the first and second number is:

A 7:6

B 7:5

C 6:7

D 5:7

  Answer: C

Question 72

The compound interest on an amount for 2 years at 5% per annum compounded annually is ₹205. The simple interest is:

A ₹250

B ₹220

C ₹200

D ₹210

Answer: C

Question 73

The distance between two stations is 500 km. A train starts from station 'A' at 9 am and travels towards station 'B' at 60 km/hrs. Anothertrain starts from station 'B' at 10 am and travels towards 'A' at 40 km/hrs. At what time both thetrain meet to each other.

A 12.45 PM

B 1.36 PM

C 3.36 PM

D 2.24 PM

Answer: D

Question 74

A trader allows two successive discounts of 5% each on the marked price of a sofa set for ₹24,500. The selling price of sofa set is:

A ₹23,274.75

B ₹23,275

C ₹1,163.75

D ₹22,111.25

Answer: D

Question 75

A train is moving at 72 km/hrs. The distance covers in 15 minutes by the train is:

A 18 km

B 27 km

C 36 km

D 28 km

Answer: A

English

Instructions

For the following questions answer them individually

Question 76

Select the word which means the same as the group of words given.
One who does a thing for pleasure and not as a profession

A Sportsperson

B Amateur

C Volunteer

D Athlete

   Answer: B

Question 77

Select the option that means the same as the given idiom.
To hang together

A To be over telephone with a friend

B To keep holding on to something

C to take a swing in a garden

D To be connected with each other

   Answer: D

Question 78

Select the antonym of the given word.
CONVENE

A Disperse

B Summon

C Request

D Gather

   Answer: A

Question 79

Select the most appropriate word tofill in the blank.
You can master anything by the usual process of learning and practicing it ....

A temporarily

B occasionally

C regularly

D annually

   Answer: C

Question 80

Select the antonym of the given word.
CONCUR

A   Contribute

B   Lead

C   Disagree

D   Distribute

  Answer: C

Question 81

Select the synonym of the given word.
AFFINITY

A   Monotony

B   Beauty

C   Empathy

D   Decency

  Answer: C

Question 82

Select the most appropriate word to fill in the blank.
Your parents may get .... With yourlifestyle and demand a changeinit.

A   fulfilled

B   pleased

C   satisfied

D   annoyed

  Answer: D

Question 83

Select the correctly spelt word.

A   Suplementary

B   Supplementary

C   Suppllementary

D   Supplementery

Answer: B

Question 84

From the given options, identify the segment in the sentence which contains the grammatical error.
While we would like all Indian children to go to school, we need to ponder why they does not.

A why they does not

B While we would like

C Indian children to go to school

D we need to ponder

   Answer: A

Question 85

Select the most appropriate optionto fill in the blank.
My forefinger is still .... where I caughtit in the door this morning.

A burnt

B scorched

C bruised

D damaged

   Answer: C

Question 86

Select the word which means the same as the group of words given.
A person who is indifferent to the pains and pleasures of life.

A Introvert

B Social

C Stoic

D Solitary

   Answer: C

Question 87

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

On the academic front you are likely to outshine others and take up a better career.

A you were likely to outshine others

B you should likely to outshine others

C you are likely for outshine other

D No improvement

Answer: D

Question 88

Select the synonym of the given word.
CUMBERSOME

A Wonderful

B Heavy

C Graceful

D Virtuous

Answer: B

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given.
Passage:

"Success begins in the mind." This is a wonderful quote to explain the powerof having (1).......... in yourself. Since (2).......... wants success, they all try their best. Sometimes they will (3).......... failure, but that's what life is. Ups and downs are a part ofit. All you needis to take that failure in your (4)............. learn from it and neverforgetit. It doesn't matter how or where you come from, success happens to those who (5).......... hands with difficulties.

Question 89

Select the most appropriate option that will fill in the blank number 1.

A doubt

B disgust

C faith

D discard

Answer: C

Question 90

Select the most appropriate option that will fill in the blank number 2.

A everyone

B each

C someone

D anyone

Answer: A

Question 91

Select the most appropriate option that will fill in the blank number 3.

A clash

B encounter

C see

D oppose

Answer: B

Question 92

Select the most appropriate option that will fill in the blank number 4.

A run

B stride

C walk

D wing

Answer: B

Question 93

Select the most appropriate option that will fill in the blank number 5.

A shake

B see

C move

D avoid

Answer: A

Instructions
For the following questions answer them individually

Question 94

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.
Those who are travelling today by train may have delayed in reaching their destinations.

A travelling today in train may get delayed

B No improvement

C travel today by train may get delayed

D travelling today by train may get delayed

Answer: D

Question 95

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Statistical <u>measure which track the money-saving behaviour</u> haven't improved much.

A No improvement

B measure which tracks money-saving behaviours

C measures what track the money-saving behaviour

D measures which track the money-saving behaviour

 Answer: D

Question 96

Select the correctly spelt word.

A Badjet

B Budget

C Budjet

D Bugett

 Answer: B

Question 97

From the given options, identify the segment in the sentence which contains the grammatical error.
In India, the various practices and norms from bank's transactions are laid down by the RBI only.

A are laid down

B norms from bank's transactions

C the various practices

D by the RBI only

 Answer: B

Question 98

Select the option that means the same as the given idiom.
Call it a day

A Decide or agree to stop doing something

B Attempting to do an impossible task

C Disagreeing on everything someone is saying

D Agreeing to reveal some secret information

 Answer: A

Question 99

From the given options, identify the segment in the sentence which contains the grammatical error.
You are invite to build a better community by planting a seed of peace within and tree outside.

A   build a better community

B   within and a tree outside

C   You are invite to

D   by planting a seed of peace

Answer: C

Question 100

Select the most appropriate option to fill in the blank.
Whenever he refers to his friends he is pleased but when he talks of his foes he is ....

A   unhappy

B   possessed

C   serene

D   interested

Answer: A