**TYPE 1**

**Directions: In each question below are given two STATEMENTS followed by two conclusions numbered I and II. You have to take the two given STATEMENTS to be true even if they seem to be at variance with the commonly known facts and then facts and then decide which of the given conclusions logically follows from the two given STATEMENTS disregarding commonly known facts.**

**Give answer**

**a) if only conclusion I follows**

**b) if only conclusion II follows**

**c) if either I or II follows**

**d) if neither I nor II follows**

**e) if both I and II follows**

**1) STATEMENTS**

All cats are dogs

All dogs are pigs

**CONCLUSIONS**

I) All cats are pigs

II) All pigs are dogs

**2)** **STATEMENTS:**

All cakes are pastries

Some pastries are muffins

**CONCLUSIONS**

I) some muffins are cakes

II) All cakes are muffins

**3)** **STATEMENTS**

All bats are balls

All wickets are bats

**CONCLUSIONS**

I) All balls are wickets

II) All wickets are balls

**4)** **STATEMENTS:**

All tables are chairs

All chairs are sofas

**CONCLUSIONS**

I) All sofas are chairs

II) All tables are sofas

**5)** **STATEMENTS:**

Some birds are Animals

All animals are endangered

**CONCLUSIONS**

I) No bird is endangered

II) Some birds are endangered

**6)** **STATEMENTS**

All cats are dogs

No dogs are pigs

**CONCLUSIONS**

I) No cats are pigs

II) some pigs are cats

**7)** **STATEMENTS:**

some guns are bombs

No bomb is bullet

**CONCLUSIONS**

I) some bullets are bombs

II) No bullet is gun

**8)** **STATEMENTS:**

All cats are dogs

Some dogs are not pigs

**CONCLUSIONS**

I) All cats being pigs is a possibility

II) some cats are not pigs

**9)** **STATEMENTS**

All girls are honest

Keerti is honest

**CONCLUSIONS**

I) All honest persons are girls

II) keerti is a girl

**10)** **STATEMENTS**

some pens are pencils

All pencils are rubbers

**CONCLUSIONS**

I) some pens are rubbers

II) All pens being rubbers is a possibility

**11)** **STATEMENTS**

Many cars are bikes

All bikes are busses

**CONCLUSIONS**

I) some cars are busses

II) No bike is a bus

**12)** **STATEMENTS**

All skies are blue

Some blue are clouds

**CONCLUSIONS**

I) No sky is cloud

II) Some skies are clouds

**13)** **STATEMENTS**

All bottles are jugs

Some jugs are mugs

**CONCLUSIONS**

I) No bottle is mug

II) Some bottles are mugs

**14)** **STATEMENTS**

All walls are bricks

Some walls are cement

**CONCLUSIONS**

I) No wall is cement

II) Some cement are walls

**15)** **STATEMENTS**

Some idiots are fools

Some fools are mad

**CONCLUSIONS**

I) some mad are idiots

II) All idiots are mad

**TYPE 2**

**Directions: In each question below there are three of four STATEMENTS followed by conclusions.** **You have to take the two given STATEMENTS to be true even if they seem to be at variance with the commonly known facts and then facts and then decide which of the given conclusions logically follows from the two given STATEMENTS disregarding commonly known facts.**

**1)** **STATEMENTS:**

Some casual are formal

All formal are expensive

All expensive are elegant

**CONCLUSIONS**

All formal are elegant

Some causal are expensive

**2) STATEMENTS:**

All towns are cities

All cities are urban

Some urban are rural

**CONCLUSIONS**

Some towns are rural

All rural are towns

**3) STATEMENTS:**

All roses are red

Some red are colour

All colour are paints

**CONCLUSIONS**

Some red are paints

All red are roses

**4) STATEMENTS:**

Some trains are cars

All cars are branches

All branches are nets

Some nets are dresses

**CONCLUSIONS**

Some dresses are cars

Some nets are trains

Some branches are trains

Some dresses are trains

**5) STATEMENTS:**

All medicines are tablets

Some tablets are tonics

Some tonics are bitter

**CONCLUSIONS**

Some tablets are bitter

No medicine is a tonic

**6) STATEMENTS:**

All incomes are salaries

Some salaries are perks

Some perks are tangible

**CONCLUSIONS**

Some incomes are tangible

At least some perks are salaries

**7) STATEMENTS:**

Some pencils are kites

Some kites are desks

All desks are jungles

All jungles are mountains

**CONCLUSIONS**

Some mountains are pencils

Some jungles are pencils

Some mountains are desks

Some jungles are kites

**8) STATEMENTS:**

All papers are clips

Some clips are boards

Some boards are lanes

All lanes are roads

**CONCLUSIONS**

Some roads are boards

Some lanes are clips

Some boards are papers

Some roads are clips

**10) STATEMENTS:**

All pens are clocks

Some clocks are tyres

Some tyres are wheels

Some wheels are buses

**CONCLUSIONS**

Some buses are tyres

Some wheels are clocks

Some wheels are pens

Some buses are clocks

**11) STATEMENTS:**

All stones are hammers

No hammer is ring

Some rings are doors

All doors are windows

**CONCLUSIONS**

Some windows are stones

Some windows are rings

No window is stone

Some rings are stones

**12) STATEMENTS:**

Some desks are chairs

All chairs are tables

Some tables are mats

**CONCLUSIONS**

Some mats are desks

Some tables are desks

Some mats are chairs

**13) STATEMENTS:**

All sweets are fruits

No fruit is pencil

Some pencils are glasses

**CONCLUSIONS**

Some glasses are sweets

Some pencils are sweets

No glass is sweet

**14) STATEMENTS:**

Some books are flowers

Some flowers are chains

Some chains are hammers

**CONCLUSIONS**

Some hammers are flowers

Some chains are books

Some hammers are books

**15) STATEMENTS:**

All roofs are cameras

Some cameras are photographs

Some photographs are stores

**CONCLUSIONS**

Some stores are cameras

Some stores are roofs

Some cameras are roofs

**16) STATEMENTS:**

Some nails are horses

All horses are tablets

All tablets are crows

**CONCLUSIONS**

Some crows are nails

Some tablets are nails

Some crows are horses

**17) STATEMENTS:**

All buildings are towers

All towers are roads

All roads are huts

**CONCLUSIONS**

Some roads are buildings

All towers are huts

All huts are roads

**18) STATEMENTS:**

All dogs are cats

Some cats are rats

All rats are mats

**CONCLUSIONS**

Some mats are cats

Some mats are dogs

Some rats are cats

**19) STATEMENTS:**

All pens are sticks

All sticks are rings

All rings are rods

**CONCLUSIONS**

Some rings are pens

Some rods are sticks

Some rods are pens

**20) STATEMENTS:**

Some tables are chairs

All chairs are houses

All houses are tents

**CONCLUSIONS**

All houses are chairs

Some tents are chairs

Some houses are tables

**21) STATEMENTS:**

Some boxes are walls

No wall is roads

All roads are rivers

**CONCLUSIONS**

Some rivers are walls

Some roads are boxes

No wall is river

**22) STATEMENTS:**

All cups are bottles

Some bottles are jugs

No jug is plate

Some plates are tables

**CONCLUSIONS**

Some tables are bottles

Some plates are cups

No table is bottle

Some jugs are cups

**23) STATEMENTS:**

Some chairs are handles

All handles are pots

All pots are mats

Some mats are buses

**CONCLUSIONS**

Some buses are handles

Some mats are chairs

No bus is handle

Some mats are handles

**24) Consider the following argument:**

**“In order to be a teacher one must graduate from college. All poets are poor. Some Mathematicians are poets. No college graduate is poor”**

**Which one of the following is not a valid CONCLUSIONS regarding the above argument?**

Some mathematicians are not teachers

Some teachers are not mathematicians

Teachers are not poor

Poets are not teachers

Some animals are carnivorous

**25) STATEMENTS:**

Some boxes are trees

Some trees are horses

All horses are fruits

CONCLUSIONS

Some fruits are boxes

Some fruits are trees

Some horses are boxes

No Fruit box

**26) STATEMENTS:**

All flowers are buses

Some buses are cats

All cats are tigers

**CONCLUSIONS**

Some tigers are buses

Some tigers are flowers

Some cats are flowers

Some buses are tigers

**27) STATEMENTS**

All fans are rooms

No room is green

Some windows are green

**CONCLUSIONS**

Some windows are fans

Some windows are rooms

Some fans are green

No green is fan

E

B

C

B

A

**PROBLEMS ON VENN DIAGRAMS**

1) Pilot, driver, rider

2) Women, educated, housewives

3) Doctor, Engineers, Men

4) Plants, Animals, Human beings

5) Profit, Dividend, Bonus

6) Hard disk, Mouse, Computer

7) Educated, Men, Women

8) Plants, Animals, birds

9) Star, Sun, Moon

10) Parrot, Dog, Animal

11) School, Court, Jail

12) Solar System, Earth, Jupiter

13) Table, Furniture, Car

14) Men, Doctor, Left handed

15) India, Asia, America