**Practice Sheet – Verbal Reasoning (Syllogism, Venn diagram)**

1. In a survey, it was found that 65% people speak Hindi, 40% speak English, 25% both. What percentage of people neither speak Hindi nor English?

A. 80% B. 20% C. 75% D. 35%

1. In a mess, 20 people opted for Apple, 17 for banana, 5 for both and 10 people for other fruits. Total number of people are

A. 35 B. 42 C. 52 D. 60

1. In a gym of 50 people, 18 opted for yoga, 26 opted cardio and 2 take both. How many people are not enrolled in either yoga or cardio?

A. 12 B. 4 C. 8 D. 6

1. In a country, 20% people know English and 20% people do not know French and 10% know neither English nor French. How much percentage of the people knowing both French and English?

A. 5% B. 10% C. 15% D. 20%

1. In a restaurant of 26 people, 14 ordered Tea, 10 ordered Coffee and 5 ordered Juice. 4 ordered tea and coffee, 3 ordered tea and juice and 1 ordered coffee and juice. If no one ordered all the three, how many people not ordered anything?

A. 6 B. 0 C. 5 D. 3

1. In a sports academy of 40 players, each player plays at least one game. 18 play hockey, 20 play baseball and 27 play football. 7 play hockey and baseball, 12 play baseball and football and 4 play all the three games. Find the number of students who play both hockey and football.

A. 6 B. 8 C. 10 D. 12

1. In an Exam, 70% candidates passed in English, 65% in maths and 27% failed in both. Then how many percentages of students passed in both the subjects?

A. 25% B. 38% C. 42% D. 62%

1. In a survey of a town, it is found that 32% of the population is in favour of AAP, 30% is in favour of BJP, 28% is in favour of Congress and 10% of the people are in favour of both AAP and BJP, 8% for AAP and congress, 3% for BJP and congress together and No for all together. How many percentages of the population don’t have any political view?

A. 21% B. 29% C. 35% D. 31%

1. **Statements:** Some Keys are Pens. All the Pens are mobiles.

**Conclusions:** 1. All the mobiles are Pens. 2.Some keys are mobiles.

1. Only (1) conclusion follows
2. Only (2) conclusion follows
3. Neither (1) nor (2) follows
4. Both (1) and (2) follows
5. **Statements:** Some Trees are Walls. Some Walls are waters.

**Conclusions:** 1.Some Trees are waters.2. Some waters are Tress.

1. Only (1) conclusion follows
2. Only (2) conclusion follows
3. Neither (1) nor (2) follows
4. Both (1) and (2) follows
5. **Statements:** All Dams are Bands. All Tanks are Bands.

**Conclusions:** 1. All Dams are Tanks.2. Some Tanks are Dams.

1. Only (1) conclusion follows
2. Only (2) conclusion follows
3. Neither (1) nor (2) follows
4. Both (1) and (2) follows
5. **Statements:** All the shirts are walls. All the walls are rivers.

**Conclusions:** 1. All the rivers are walls.2. All the shirts are rivers.

1. Only (1) conclusion follows
2. Only (2) conclusion follows
3. Neither (1) nor (2) follows
4. Both (1) and (2) follows
5. **Statements:** Some cities are floors. Some floors are skies.

**Conclusions:** 1. Some cities are skies.2.Some skies are cities.

1. Only (1) conclusion follows
2. Only (2) conclusion follows
3. Neither (1) nor (2) follows
4. Both (1) and (2) follows
5. **Statements:** Some roofs are chips. All the chips are pages.

**Conclusions:** 1. All the pages are chips. 2.Some roofs are pages.

1. Only (1) conclusion follows
2. Only (2) conclusion follows
3. Neither (1) nor (2) follows
4. Both (1) and (2) follows
5. **Statements:** All tubes are mask. All masks are light. No mask is key.

**Conclusions: 1.** Some light is tube. **2.** No tube is light. **3.** No tube is key.

1. Both (1) and (3) follow
2. Only (1) follows
3. Both (2) and (3) follow
4. Both (1) and (2) follow
5. Only (3) follows
6. **Statements:** Some water is tree. All tree is night. All water is Red.

**Conclusions: 1.** Some Red is tree. **2.** Some night is not water.

**3.** All tree is water.

1. Only (1) follows
2. Only (1) and (2) follow
3. Only (2) and (3) follow
4. Only (1) and (3) follow
5. None of these
6. **Statements:** Some bananas are black. No black is nail. All nail is tin.

**Conclusions: 1.** Some tins are banana. **2.** No nail is banana.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

E. Both (1) and (2) follows

1. **Statements:** Some fingers are town. No town is shirt. No shirt is book.

**Conclusions:** 1. Some towns are not book. 2. Some books are not fingers.

1. Only (1) conclusion follows
2. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

E. Both (1) and (2) follows

1. **Statements:** All the phones are computers. All the pens are computers. Some onions are pens.

**Conclusions: 1.** Some phones are pens **2.** Some computers are phones

**3.** Some computers are onions

1. Only (2)
2. Only (1) and (2)
3. Only (2) and (3)
4. None of these
5. **Statements:** some spoons are pens. Some pens are jungles. Some jungles are caps.

**Conclusions: 1.** some spoons are jungles **2.** some pens are caps

**3.** some caps are jungles **4.** some caps are pens

1. only (1) follow
2. only (2) follow
3. only (3) follow
4. only (4) follow
5. none of these
6. Statements: Some apples are single. All the singles are dumb.

Conclusions: 1. Some apples are dumb. 2. No single is apple.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

1. Statements: All the house are ink. All the ink are fruits.

Conclusions: 1. All the fruits are ink. 2. All the house are fruits.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

1. Statements: Some animals are parrots. All the parrots are light.

Conclusions: 1. All the light are parrots. 2. Some animals are light.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Neither (1) nor (2) follows

D. Both (1) and (2) follow

1. Statements: Some dogs are beer. Some beer are cow.

Conclusions: 1. Some dogs are cow. 2 .Some cow are dogs.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

1. Statements: All baba are cheap. No cheap is toffee.

Conclusions: 1. No baba is toffee 2. All cheap are baba.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

1. A Statements: All cats are caps. All fox are caps.

Conclusions: 1. All cats are fox. 2. Some fox are cats.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Neither (1) nor (2) follows

1. Statements: All the act are geek. All the geeks are buff.

Conclusions: 1. All the act are buff. 2. Some geeks are act.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Either (1) or (2) follows

D. Both (1) and (2) follow

1. **Statements:** All the win are duke. No duke is a wall.

**Conclusions:** 1. Some win are walls. 2. No wall is a duke.

A. Only (1) conclusion follows

B. Only (2) conclusion follows

C. Neither (1) nor (2) follows

D. Both (1) and (2) follow

1. **Statements**:

1. All cats are boxes

2. Some boxes are dogs

**Conclusions:**

I. All boxes are cats

II. Some cats are dogs

III. No cats are dogs

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither II nor III follows

D. Either II or III follows

1. **Statements:**

All oranges are pink.

Some pink are clean.

All clean are fruits.

**Conclusions:**

I. Some fruits are oranges.

II. No fruits is oranges

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither I nor II follows

D. Either I or II follows

**ANSWER KEY**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **B** | **6** | **C** | **11** | **C** | **16** | **A** | **21** | **A** | **26** | **D** |
| **2** | **B** | **7** | **D** | **12** | **B** | **17** | **D** | **22** | **B** | **27** | **D** |
| **3** | **C** | **8** | **D** | **13** | **C** | **18** | **D** | **23** | **B** | **28** | **B** |
| **4** | **B** | **9** | **B** | **14** | **B** | **19** | **C** | **24** | **D** | **29** | **D** |
| **5** | **C** | **10** | **C** | **15** | **A** | **20** | **C** | **25** | **A** | **30** | **D** |