# Syllogism Part I

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# **Practice Problems with Solution**

Question 1:	
Statements:	
All dogs are rats.	
All rats are crows.	
All crows are parrots.	
Conclusions:	
1. All dogs are parrots.	
2. Some parrots are dogs.	
3. Some crows are dogs.	
4. All rats are dogs.	
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A: 1 and 2 follow	
<b>B:</b> 1, 2 and 3 follow	

B: 1, 2 and 3 followC: Either 2 or 4 followD: Either 1 or 2 or 3 follows

# Question 2:

**Statements:** Some years are decades. All centuries are decades.

# **Conclusions:**

- 1. Some centuries are years.
- 2. Some decades are years.
- 3. No century is a year.

A: Conclusion 1 and 2 follow
B: Conclusion 1 and 3 follow
C: Either 1 or 3 and 2 follows
D: Only conclusion 2 follow

# Question 3:

#### **Statements:** Some walls are doors. Some doors are coats. Some coats are chairs.

#### **Conclusion:**

- 1. Some chairs are doors.
- 2. Some coats are walls.
- 3. No chair is door.

A: Only 2 followsB: Only 3 followsC: Either 1 or 3 followsD: Only 1 follows

Question 4: **Statements:** All rings are fingers. Some ears are fingers. All ears are necklaces. **Conclusions:** 1. Some necklaces are fingers.

2. Some necklaces are rings.

A: None follows
B: Only 1 follows
C: Only 2 follows
D: Both 1 and 2 follow

#### Question 5:

#### Statements:

Some towers are windows. All windows are houses. Some houses are temples.

# **Conclusions:**

- 1. Some towers are temples.
- 2. Some houses are towers.
- 3. Some temples are windows.

**A:** Only conclusion 1 follows **B:** Only conclusion 2 follows **C:** Only conclusion 3 follows

**D**: Conclusion 1 and 2 follow

#### Question 6:

#### Statements:

All girls go to the college.
 Rina does not go to college.
 Which of the below conclusions follow?

A: Rina is not a girl
B: Going to college is not essential to be a girl
C: Rina is a girl
D: None of the above

#### Question 7:

**Statements:** 1. All boys are tall. 2. All Punjabi are tall. Which of the following conclusions follow?

A: All boys are PunjabiB: Some boys are PunjabiC: Both A and BD: None of the above

#### Question 8:

**Statements:** 1. Some blues are green.

2. Pink is green.Which of the following conclusions follow?

A: Some blue are pink.B: Some green are pinkC: Either A or B followsD: None of the above

#### Question 9:

#### Statements:

1. Karan Johar is a good director.

2. Directors are intelligent.

A: All intelligent are directorsB: Karan Johar is intelligentC: Both A and BD: None of the above

Question 10:

# Statements:

Some eyedrops are eardrops. All eyedrops are liquids. Some liquids are drinkable.

# **Conclusions:**

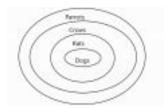
- 1. Some eyedrops are drinkable.
- 2. Some eardrops are drinkable
- 3. All liquids are eyedrops.

A: Conclusion 1 follows
B: Only conclusion 2 and 3 follows
C: Either 1 or 2 or 3 follows
D: None follows

# **Answers and Solutions**

#### **1.** B

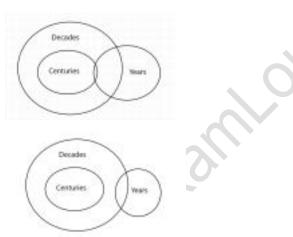
#### Solution:



Clearly conclusions 1, 2 and 3 follow.

# **2.** C

#### Solution:

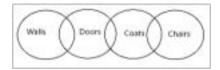


From the above figure it is clear that, either 1 or 3 and 2 follows.

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# **3.** C

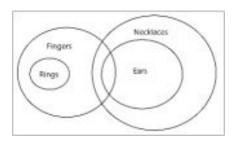
#### Solution:



From the figure it is clear that, either 1or 3follows

#### **4.** B

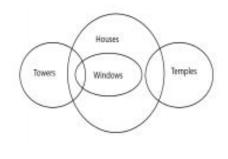
# Solution:



Clearly, only conclusion 1 follows.

# **5.** B

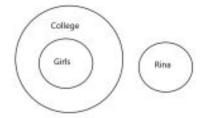
**Solution:** Clearly, only conclusion 2 follows.



# **6.** A

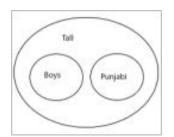
**Solution:** As all girls go to the college and Rina does not go to the college, Rina is not a girl.

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# **7.** D

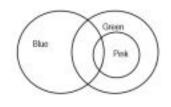
# Solution:



From above figure, we cannot conclude the relation of boys and Punjabi.

#### **8.** C

# Solution:

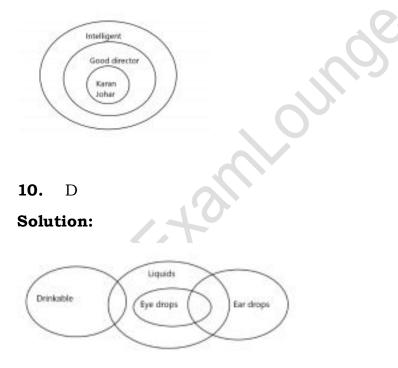


From the above figure, some green are definitely pink and some blue are pink.

# **9.** B

#### Solution:

As directors are intelligent and Karan Johar is a good director, Karan Johar is intelligent.



Clearly, none of the given conclusions follow.

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