

## Model NVIDIA Placement Paper - Questions & Answers

Q1. There are 3 boys 74 girls; How many ways they are arranged such that boys should be always together?

**ANS:** 240

Q2. There are 5 numbers. The average is 25; the highest value excluded then average is 25, if the lowest is excluded the average is ... Then average of remaining is?

**ANS:** 30

Q3. Two motor cycles A & B are started from one point at 4 Kmph & 6 Kmph; After 45 min B starts returning, at what time they will reach?

**ANS:** 3.6 km

Q4. Q is not equal to zero and  $k = (Q \times n - s)/2$  find n?

- (a)  $(2 \times k + s)/Q$
- (b)  $(2 \times s \times k)/Q$
- (c)  $(2 \times k - s)/Q$
- (d)  $(2 \times k + s \times Q)/Q$
- (e)  $(k + s)/Q$

Q5. If n.....; what is the max number that divides?

**ANS:** 8

Data For Q 6 - 10:-

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A causes B or C, but not both  
F occurs only if B occurs  
D occurs if B or C occurs  
E occurs only if C occurs  
J occurs only if E or F occurs  
D causes G,H or both  
H occurs if E occurs  
G occurs if F occurs

Q6. If J occurs, which of the following must have occurred?

- (a) E
- (b) either B or C
- (c) both E & F
- (d) B
- (e) both B & C

**ANS:** b

Q7. E occurs, which one of the following cannot occurs?

- (a) A
- (b) F
- (c) D
- (d) C
- (e) J

**ANS:** b

Q8. If A occurs, which of the following must occurs?

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I. F & G

II. E and H

III. D

- (a) I only
- (b) II only
- (c) III only
- (d) I,II, & III
- (e) I & II (or) II & III but not both

**ANS:** e

Q9. Which may occurs as a result of cause not mentioned?

(I) D

(II) A

(III) F

- (a) I only
- (b) II only
- (c) I & II
- (d) II & III
- (e) I,II,III

**ANS:** c

Q10. If B occurs, which of the following must occur?

- (a) D
- (b) D and G
- (c) G and H
- (d) F and G
- (e) J

**ANS:** a