

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