



Introducing **LawEx**

CLAT 2024 Foundation Batch

A Comprehensive
Video Course Program



Complete
Preparation from
Zero to Zenith



300+
Video Classes



1000
Topic Tests

Course Fee: **Rs. 0**

Faculty Members



Rohit Sharma



Omveer Singh



Amit Jethani



Vikrant Singh



Avni Sikarwar

SUBSCRIBE



Maths Questions for CLAT Exam.

CLAT Maths Quiz 17

Directions : Study the following information carefully and answer the questions given beside.

On Monday, total 625 people went to see a program in a Circus. The number of adult males who watched Circus was 200% more than the number of male children, while the number of adult females was 50 more than the number of male children, and the number of female children was 25% less than that of male children.

1. Total adult males who watched circus is what percent more than adult females?

- A. 120% B. 150% C. 100% D. 110%

2. Find the average of the number of male children and adult females who watched Circus.

- A. 125 B. 115 C. 120 D. 126

3. Find the ratio of number of adult males to the number of female children who watched the Circus.

- A. 3 : 2 B. 4 : 1 C. 3 : 1 D. 5 : 4

4. Total children who watched Circus is what percent of the number of adult males?

- A. $56\frac{1}{3}\%$ B. $52\frac{1}{3}\%$ C. $54\frac{1}{3}\%$ D. $58\frac{1}{3}\%$

5. If b% people from adult females and male children respectively are not allowed to watch the Circus, the number of adult females and male children combiningly decreases by 25. Find the value of b.

- A. 12 B. 14 C. 15 D. 10

6. Find the ratio of the total number of males to that of females who watched the circus.

- A. 16 : 9 B. 16 : 7 C. 14 : 9 D. 14 : 5

7. The number of male children was what percent more than that of female children who watched the circus?

- A. 25 B. 33.33 C. 35 D. 37.5

8. Find the difference between the number of adult males and the number of adult females who watched the circus.

A. 100

B. 120

C. 150

D. 140

9. If 10% of the male children and 20% of the female children were of the age of 4 years or less, what percent (approx) of the children were above the age of 4 years?

A. 64

B. 54

C. 56

D. 86

10. If the ticket price for each child was Rs. 10 and each adult was Rs. 20, find the total amount (in Rs.) collected on Monday.

A. 11,520

B. 10,250

C. 12,000

D. 10,750

Correct Answers:

1	2	3	4	5	6	7	8	9	10
C	A	B	D	D	A	B	C	D	D





SMARTKEEDA PRESENTS

ZERO TO
ZENITH
CLAT 2024

A COMPREHENSIVE PROGRAM
THAT ~~HELPS~~ MAKES YOU
CRACK CLAT 2024.



25 FULL
LENGTH
TESTS



40
SECTIONAL
TESTS



1000
TOPIC
TESTS



150+
VIDEOS
SESSIONS

www.smartkeeda.com

Common explanations :

Total = 625

Let the number of male children be 100

Number of adult males

$$= 100 + \frac{100 \times 200}{100} = 300$$

Number of adult females = $100 + 50 = 150$

Number of female children

$$= 100 - \frac{100 \times 25}{100} = 75$$

Total = $100 + 300 + 150 + 75 = 625$

$625 = 625$

So the values taken are true.

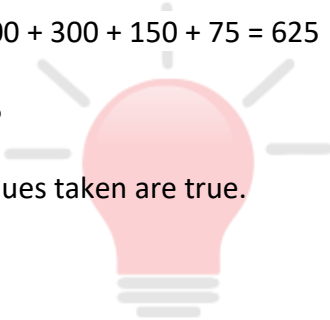
So,

Number of adult males = 300

Number of adult females = 150

Number of male children = 100

Number of female children = 75



Smartkeeda
The Question Bank



www.smartkeeda.com | testzone.smartkeeda.com

SBI | RBI | IBPS | RRB | SSC | NIACL | EPFO | UGC NET | LIC | Railways | CLAT | RJS



Explanations :

1. From common explanation, we have

Number of adult males = 300

Number of adult females = 150

$$\text{Reqd. \%} = \frac{300 - 150}{150} \times 100 = 100\%$$

Hence, option C is correct.

2. From common explanation, we have

Number of male children = 100

Number of adult females = 150

$$\text{Reqd. average} = \frac{100 + 150}{2} = 125$$

Hence, option A is correct.

3. From common explanation, we have

Number of adult males = 300

Number of female children = 75

$$\text{Reqd. ratio} = \frac{300}{75} = 4 : 1$$

Hence, option B is correct.

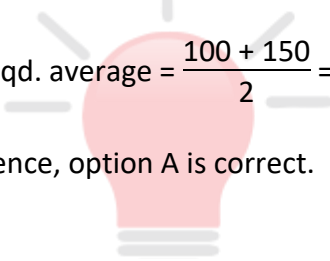
4. From common explanation, we have

Total number of children = 100 + 75 = 175

Number of adult males = 300

$$\text{Reqd. \%} = \frac{175 \times 100}{300} = 58\frac{1}{3}\%$$

Hence, option D is correct.



5. From common explanation, we have

Number of adult females = 150

b% not allowed, adult females not allowed
 $= 150 \times \frac{b}{100} = 1.5b$

Number of male children = 100

b% not allowed, male children not allowed
 $= 100 \times \frac{b}{100} = b$

People not allowed = $1.5b + b = 2.5b = 25 = b = 10$

The value of b is 10

Hence, option D is correct.

6. From the common explanation, we have

Total number of males = $300 + 100 = 400$

Total number of females = $150 + 75 = 225$

Reqd. Ratio = $400 : 225 = 16 : 9$

Hence, Option A is correct.

7. From the common explanation, we have

The number of male children = 100

The number of female children = 75

Reqd. % = $(100 - 75)/75 \times 100\% = 33.33\%$

Hence, option B is correct.



8. From the common explanation, we have

The number of adult males = 300

The number of adult females = 150

Reqd. Answer = $300 - 150 = 150$

Hence, Option C is correct.

9. From the common explanation, we have

Male children more than 4 years old = $(100 - 10)\%$ of 100 = 90

Female children more than 4 years old = $(100 - 20)\%$ of 75 = 60

Total children more than 4 years old = $90 + 60 = 150$

Total number of children = $100 + 75 = 175$

Reqd. % = $150/175 \times 100\% = 85.71\%$

Hence, Option D is correct.

10. From the common explanation, we have

Total number of children = $100 + 75 = 175$

Total number of adults = $300 + 150 = 450$

Total amount collected = $175 \times 10 + 450 \times 20 = \text{Rs. } 10,750$

Hence, Option D is correct.



ZENITH CLAT 2024

Test Series Plan by
NLU & NUJS Toppers

Gold

₹2,499

- Full Length Mocks 25
- Sectional Mocks 40
- Current Affairs Mockdrill

Platinum

₹19,999

- Full Length Mocks 25
- Sectional Mocks 40
- Topic Tests 1000
- Unlimited Re-attempts
- PDFs Of Each Test
- Current Affairs Mockdrill
- One To One Mentoring

Diamond

₹14,999

- Full Length Mocks 25
- Sectional Mocks 40
- Topic Tests 1000
- Unlimited Re-attempts
- PDFs Of Each Test
- Current Affairs Mockdrill

Join Now!

testzone.smartkeeda.com

