

The background features a collage of various icons related to business and analytics. On the left, there is a large black circle pattern. In the center, a glowing lightbulb is surrounded by smaller black circles. To the right, there is a 3D pie chart with orange, blue, and red segments, a line graph with a yellow trend line, a bar chart with blue bars, a flowchart with yellow boxes and arrows, and two cylinders labeled '50%' and '100%'. A blue pen is visible at the bottom right.

EPEA516

ANALYTICAL SKILLS II

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Learning Outcomes



After this lecture, you will be able to

- develop understanding about the basics of comparison,
- analyze different types of comparison,
- solve various problems relating to comparison.

Comparison Type Questions

- Clues
- Comparisons
- Set of Persons/Things
- One or More Qualities
- Analyze - Whole Information
- Proper Ascending/Descending Sequence

Problem 1

- There are five friends - Sachin, Kunal, Mohit, Anuj, and Rohan. Sachin is shorter than Kunal but taller than Rohan. Mohit is the tallest. Anuj is a little shorter than Kunal and little taller than Sachin. If five friends stand in order of increasing heights, who will be second?
- (a) Anuj (b) Sachin (c) Rohan (d) Kunal

Problem 1

- There are five friends - Sachin, Kunal, Mohit, Anuj, and Rohan. Sachin is shorter than Kunal but taller than Rohan. Mohit is the tallest. Anuj is a little shorter than Kunal and little taller than Sachin. If five friends stand in order of increasing heights, who will be second?
- Rohan < Sachin < Kunal < Mohit
- Sachin < Anuj < Kunal
- Rohan < Sachin < Anuj < Kunal < Mohit

Problem 2

- There is a group of five girls. Kamini is second in height but younger than Rupa. Pooja is taller than Monika but younger in age. Rupa and Monika are of the same age but Rupa is tallest between them. Neelam is taller than Pooja and elder to Rupa.
- Who is the shortest person in the group?
- (a) Kamini (b) Rupa
- (c) Pooja (d) Monika (e) Neelam

Problem 2

- There is a group of five girls. Kamini is second in height but younger than Rupa. Pooja is taller than Monika but younger in age. Rupa and Monika are of the same age but Rupa is tallest between them. Neelam is taller than Pooja and elder to Rupa. Who is the shortest person in the group?

- Sequence of Height

- $M < P$

- $P < N$

- $K < R$

- $M < P < N < K < R$

Monika

Problem 3

- There is a group of five girls. Kamini is second in height but younger than Rupa. Pooja is taller than Monika but younger in age. Rupa and Monika are of the same age but Rupa is tallest between them. Neelam is taller than Pooja and elder to Rupa. To answer the question, “Who is the younger person in the group?”. Which of the given statements is superfluous?
- There is a group of five girls.
- Kamini is second in height but younger than Rupa.
- Neelam is taller than Pooja and elder to Rupa.
- Pooja is taller than Monika but younger in age.

Problem 3

- There is a group of five girls. Kamini is second in height but younger than Rupa. Pooja is taller than Monika but younger in age. Rupa and Monika are of the same age but Rupa is tallest between them. Neelam is taller than Pooja and elder to Rupa. To answer the question, “Who is the shortest person in the group?”. Which of the given statements is superfluous?
- Sequence of Age
- $K < R$ There is a group of five girls.
- $P < M$ Kamini is second in height but younger than Rupa.
- $R = M$ Neelam is taller than Pooja and elder to Rupa.
- $R < N$ Pooja is taller than Monika but younger in age.

Problem 4

- X knows more than A. Y knows as much as B. Z knows less than C. A knows more than Y. B knows more than C. The best knowledgeable person amongst all is

- (a) A (b) B (c) X (d) Y

- $A < X$

- $Y = B$

- $Z < C$

- $Y < A$

- $C < B$

$$X > A > Y = B > C > Z$$

Problem 5

- If P is taller than Q, R is shorter than P, S is taller than T but shorter than Q, then who among them is the tallest?

- (a) P (b) Q (c) R (d) S (e) T

- $Q < P$

- $R < P$

$$T < S < Q < R < P$$

- $T < S$

$$T < S < R < Q < P$$

- $S < Q$

Problem 6

- Rohit, Sanjay, Vikas, Dinesh, and Kamal participated in a competition. Rohit was ranked lower than Sanjay. Vikas was ranked higher than Dinesh. Kamal's rank was between Rohit and Vikas. Who was ranked highest?
- (a) Kamal (b) Dinesh (c) Vikas (d) Sanjay (e) Rohit
- Rohit < Sanjay
Dinesh < Vikas < Kamal < Rohit < Sanjay
- Dinesh < Vikas
- Vikas < Kamal < Rohit

Problem 7

- At the end of a cricket series, when five players were arranged in the ascending order of runs scored by them, O was fourth while N was first. When they were arranged in descending order for wickets taken by them, K replaces O while O replaces L. M's position remains unchanged. K has scored more runs than M. L is having first rank in one ranking and fifth in another? Who has scored the highest runs in the series?

Problem 7

- At the end of a cricket series, when five players were arranged in the ascending order of runs scored by them, O was fourth while N was first. When they were arranged in descending order for wickets taken by them, K replaces O while O replaces L. M's position remains unchanged. K has scored more runs than M. L is having first rank in one ranking and fifth in another? Who has scored the highest runs in the series?

- $N < \dots < O < \dots$

Runs - $N < M < K < O < L$

- $K > M$

Wicket - $L < M < N < K < O$

L has scored the highest runs in the series.

- $N < \dots < O < L$

Problem 8

- At the end of a cricket series, when five players were arranged in the ascending order of runs scored by them, O was fourth while N was first. When they were arranged in descending order for wickets taken by them, K replaces O while O replaces L. M's position remains unchanged. K has scored more runs than M. L is having first rank in one ranking and fifth in another? Who has taken the lowest number of wickets in the series?

Problem 8

- At the end of a cricket series, when five players were arranged in the ascending order of runs scored by them, O was fourth while N was first. When they were arranged in descending order for wickets taken by them, K replaces O while O replaces L. M's position remains unchanged. K has scored more runs than M. L is having first rank in one ranking and fifth in another? Who has taken the lowest number of wickets in the series?

- $N < M < O < K < L$ Runs - $N < M < K < O < L$
- $K > M$ Wicket - $L < M < N < K < O$
- $N < M < O < L$ L has taken the lowest number of wicket.

Problem 9

- Ashish is heavier than Govind. Mohit is lighter than Jack. Pawan is heavier than Jack but lighter than Govind. Who among them is the heaviest?
- (a) Govind (b) Jack (c) Pawan (d) Ashish (e) Mohit
- Govind < Ashish
- Mohit < Jack
- Jack < Pawan Mohit < Jack < Pawan < Govind < Ashish
- Pawan < Govind

Problem 10

- Pune is bigger than Jhansi. Sitapur is bigger than Chittor. Raigarh is not as big as Jhansi but is bigger than Sitapur. Which is the smallest?
- (a) Pune (b) Chittor (c) Sitapur (d) Jhansi (e) Raigarh
- Jhansi < Pune, Chittor < Sitapur < Raigarh < Jhansi < Pune
- Chittor < Sitapur
- Raigarh < Jhansi
- Sitapur < Raigarh

Problem 11

- Hitesh is richer than Jaya whereas Mohan is richer than Pritam. Lalit is as rich as Jaya. Amit is richer than Hitesh. What conclusion can be definitely drawn from the above statements?
- (a) Jaya is poorer than Pritam.
- (b) Mohan is richer than Amit.
- (c) Lalit is poorer than Hitesh.
- (d) Pritam is richer than Lalit.

Problem 11

- Hitesh is richer than Jaya whereas Mohan is richer than Pritam.
Lalit is as rich as Jaya. Amit is richer than Hitesh. What conclusion can be definitely drawn from the above statements?
- (a) Jaya is poorer than Pritam. (b) Mohan is richer than Amit.
- (c) Lalit is poorer than Hitesh. (d) Pritam is richer than Lalit.
- $\text{Jaya} < \text{Hitesh}$
- $\text{Pritam} < \text{Mohan}$
- $\text{Lalit} = \text{Jaya}$ $\text{Lalit} = \text{Jaya} < \text{Hitesh} < \text{Amit}, \text{Pritam} < \text{Mohan}$
- $\text{Hitesh} < \text{Amit}$

Conclusion

- Comparison
 - Set of Persons/Things
 - One or More Qualities
 - Analyze - Whole Information
 - Proper Ascending/Descending Sequence

Summary

- Puzzle Test
 - Comparison Type Questions

That's all for now...