

IBPS PRELIMS - 30 DAYS REVISION PLAN

CLASS 12 - ORDER & RANKING

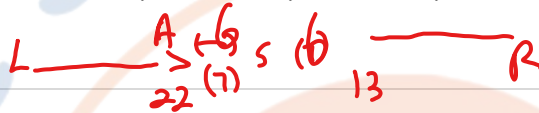
Directions: A group of people are sitting in a stadium in a row facing north. Arun sits 22nd from the left end of the row. Keerthi sits 13th from the right end of the row. Sheebha sits 7th to the right of Arun, and she sits exactly between Arun and Keerthi.

Q1. How many members are sitting in the row in total?

- a) 42 b) 38 **c) 48** d) 40 e) None of these

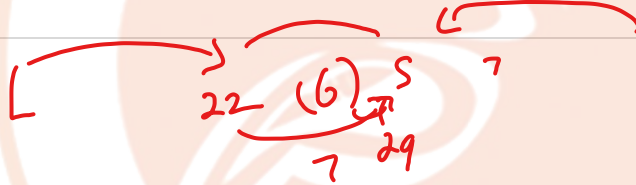
$$T \rightarrow 22 + 13 + 1 + 12$$

$$\rightarrow \underline{48}$$



Q2. What is the position of Sheebha from the left end?

- a) 30 **b) 29** c) 31 d) 32 e) None of these



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There are 28 students in a class. Arun ranks 21st from the top. Mahi ranks 24th from the bottom. Keshav's rank is exactly between them.

Q3. What is the rank of Keshav from the top?

- a) 13 b) 18 c) 15 d) 10 e) None of these

Handwritten solution steps:

- Number line diagram: A horizontal line with points marked 6, 10, and 4. A bracket below the line from 6 to 4 is labeled 20.
- Diagram showing sum of ranks: A horizontal line with points marked 24, 28, and 21. A bracket above the line from 24 to 21 is labeled $L+R = 21+24 = 45$. To the right, it says $L+R > \text{Total val}$.
- Calculation: $A \& \text{ Mahi betwe} = 45 - 28 - 2 = 45 - 30 = 15$
- Diagram showing middle position: A vertical line with points marked 21, 8, and 21. A bracket to the right of the line from 8 to 21 is labeled $21 - 8 = 13$.
- Central diagram: A circle with the number 1 inside, flanked by the number 7 on both sides.

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In a class of 52 children, Amir's rank is eighteenth from the top. Wahid is six ranks below Amir.

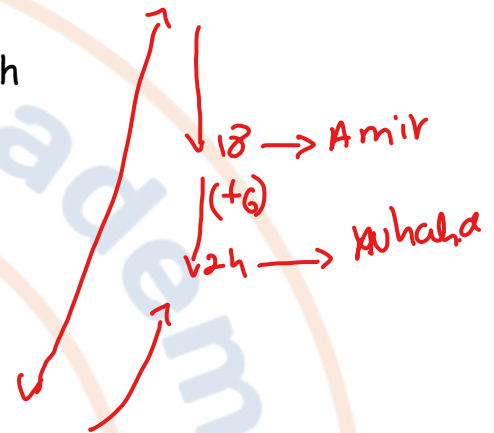
Q4. What is Wahid's rank from the bottom?

- a) 25th b) 27th **c) 29th** d) 31st e) 28th

(i) → Total → Top position

$$52 - 24 = 28$$

(ii) position → $28 + 1 = 29$



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Q5. If Gokul gets 15th rank in the class, which is 22nd rank from the bottom, and 5 students failed in the exam, then how many students are in the class?

- a) 38 b) 42 c) ~~41~~ d) 40 e) None

$$15 + 22 - 1 = 15 + 21 \\ = 36$$

$$36 + 5 = 41$$

15
22

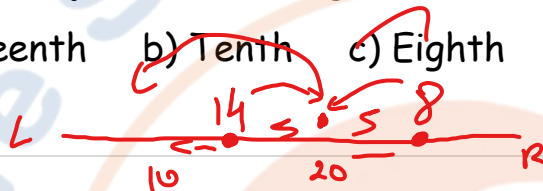
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Directions: In a row of 33 students, all facing north. Arjun is 20th from the right end. Sandhya is 26th from the left end. Gokul sits exactly between them. Akshay is the tenth to the left of Gokul.

Q6. If Sandhya and Arjun interchange their positions, what is the position of Arjun from the right end?

- a) Fifteenth b) Tenth c) Eighth d) Fourth e) None of these



Q7. What is the position of Gokul from the right end?

- a) 20 b) 18 c) 14 d) 21 e) None of these

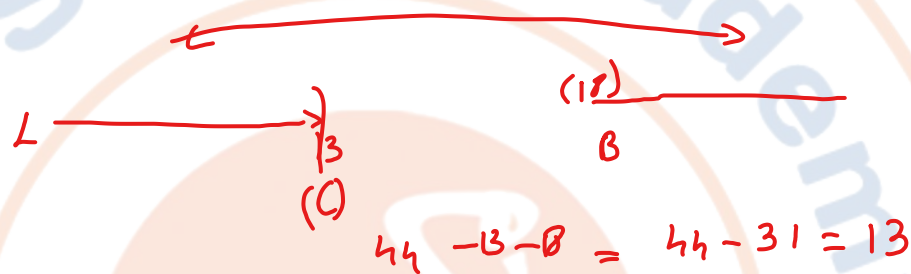
	L	R
Ar	14	20
S	26	8
G	20	14
AK	10	24

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Q8. In a row of 44 teachers, C is 13th from the left side and B is 18th from the right side of the row. Find the number of teachers sitting between C and B.

- a) 14 b) 39 c) 10 ~~d) 13~~ e) 10



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Q9. In a row of 58 parents, M is 31st from the left side and N is 38th from the right side of the row. Find the number of parents sitting between M and N.

- a) 18 b) 19 c) 21 d) 4 e) 9

$$(L+R) - T - 2 =$$

$$N(38+31) - 58 - 2 = 69 - 60 = 9$$



F → Left → 6th

b → Right → 6th

F, b → 3

T → 7 12 - 7 - 2 12 - 9 = 3

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Q10. If the position of P from the left side of a row is 19th and the position of Q from the right side of a row is 23rd, and only 5 children are sitting in the middle of P and Q, find the minimum number of children that can be seated in this row.

- a) 25 ☒ b) 35 c) 20 d) 41 e) 22



$$5 = (L + R) - T - 2$$

$$5 = 19 + 23 - 2 - T$$

$$T = 42 - 7$$

$$= 35$$

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Directions: There are six persons with different weights - H, M, R, T, V and X. H is heavier than X and lighter than only R. T is heavier than V, who is not the lightest person. X is heavier than T. The weight of the second heaviest person is 75kg. T's weight is 20kg less than H.

Q11. How many persons are heavier than X?

- ☒ a) Two b) One c) Three d) Four e) None

$H > X$

<u>R</u>	<u>H</u>	<u>X</u>	<u>T</u>	<u>V</u>	<u>M</u>
	75	.	55		

Q12. What may be the possible weight of X?

- a) ~~50 kg~~ ☒ b) 65 kg c) ~~45 kg~~ d) ~~55 kg~~ e) None of these

$X > T > V$

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Directions: Six packets of grains are of different weights. O is heavier than N and Q but not as much as T. The weight of N is 35kg. R is lighter than only P. The weight of the second heaviest packet is 70kg. The weight of the third lightest packet is 50kg. N is lighter than Q.

Q13. What may be the weight of T?

- a) 73 kg b) 49 kg c) 67 kg d) 60 kg e) Either c or d

$$T > O > N \& Q$$

$$P > R$$

$$\begin{array}{ccccccc} P & R & T & O & Q & N \\ \hline & 70 & & 50 & 40 & 35 \end{array}$$

Q14. If P's weight is 25kg more than O, then what will be the sum of the weights of P and the lightest packet?

- a) 95 kg b) 120 kg c) 115 kg d) 110 kg e) None of these

$$\frac{125}{3}$$

Q15. If the difference between the weight of packets O and Q is 10kg, then what is the approximate average weight of packets O, Q and N?

- ~~a) 42 kg~~ b) 38 kg c) 35 kg d) 44 kg e) 45 kg

$$\frac{125}{3} = 41.66$$



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$E > D > A$
 $E > B > D > A$

Directions: Five candidates A, B, C, D and E scored different marks in the IBPS PO prelims examination. D scored less marks than E but more than A. B scored more marks than D but not more than E, who does not score the highest mark. The one who scored the second lowest mark scored 68.

Q16. The sum of the marks scored by E and D is 152, and the sum of the marks scored by E and A is 147. What is the difference between the marks scored by D and A? 84 63

- a) 4 b) 5 c) 3 d) 6 e) None of these

Q17. If E scored 18 marks more than D, then what is the possible marks scored by B?

- a) 76 b) 65 c) 73 d) Either a or b ~~e) Either a or c~~

68 78

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Directions: Six friends - P, Q, R, S, T and U have different weights (only integer values). S is heavier than Q but lighter than P. U is heavier than only Q and T. P's weight is 63kg, which is the second-highest. The one whose weight is 35kg is the lightest person. Q is not the lightest person.

Q18. Who among the following is the heaviest person?

- a) S b) U c) Q d) T ~~e) R~~

$P > S > Q$
 $\frac{R}{63} \quad \frac{P}{63} \quad \frac{S}{49} \quad \frac{U}{35} \quad \frac{Q}{35} \quad \frac{T}{35}$

Q19. If the weight of U is a perfect square number, then what can be the weight of S?

- ~~a) 64 kg~~ ~~b) 57 kg~~ ~~c) 73 kg~~ ~~d) 36 kg~~ ~~e) 41 kg~~

3
 49, 6

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PRACTICE QUESTIONS

Q1. In a class, A is 5th from the top, and Y is 13th from the bottom. M is 7 positions above Y and 8 positions below N, who is 2 positions above A. How many students are there in the class?

- a) 37 b) 33 c) 30 d) 27 e) 23

Q2. In a class, there are 45 students. Arjun got 12th rank from the top. Seven boys rank before Arjun, and 20 girls rank after Arjun. No one failed in the class. Then how many boys are there in the class?

- a) 18 b) 21 c) 22 d) 20 e) None

(Independent) Among five friends J, D, U, L and S, each is of a different height. U is taller than only J. D is taller than U and L but not as tall as S.

Q3. Who among them is the third-tallest?

- a) J b) U c) D d) S e) L

Directions: Six books - M, N, O, P, Q and R are of different lengths. The length of O is more than P, whose length is more than R. The length of M is more than N but less than Q. Q does not have the highest length. The length of O is more than M, which is more than P. Book N does not have the second least length, but its length is more than R. The book which has the third least length is 15cm.

Q4. How many book lengths are less than the length of book Q?

- a) Two b) Five c) Three d) Four e) None of these

Q5. What will be the possible length of book O?

- a) 14 cm b) 20 cm c) 10 cm d) 22 cm e) Either (b) or (d)

ENGLISH PRACTICE

If you are using your smartphone to (A) _____, your system just got a crucial update. Scientists have released a new model tracking the position of the magnetic north pole, revealing that the pole is now closer to Siberia than it was five years ago and is continuing to drift toward Russia.

Unlike the geographic North Pole, which marks a fixed location, the magnetic north pole's position is (B) _____ by Earth's magnetic field, which is in constant motion. Over the past few decades, magnetic north's movement has been (C) _____ — it dramatically sped up, then in a more recent twist rapidly slowed — though scientists can't explain the underlying cause behind the magnetic field's (D) _____ behavior. Global positioning systems, including those used by planes and ships, find magnetic north using the World Magnetic Model, as it was (E) _____ in 1990.

Q1. Which word comes in the blank labelled A?

- a) extend b) clean c) obsolete d) navigate e) pretend

Q2. Which word comes in the blank labelled B?

- a) determined b) declared c) refined d) asserted e) claimed

Q3. Which word comes in the blank labelled C?

- a) urged b) encouraged c) moderated d) resolved e) unprecedented

Q4. Which word comes in the blank labelled D?

- a) profligate b) unusual c) rigid d) constant e) ordinary
-

Q5. Which word comes in the blank labelled E?

- a) concealed b) declined c) assigned d) opened e) introduced
-

Q6. The sentence below is split into five parts (A-E), not in proper order. Rearrange the parts to form a grammatically correct and contextually meaningful statement.

- A). within educational institutions,
- B). alongside technical competence
- C). increasing attention is being
- D). critical thinking skills
- E). devoted to developing

- a) BCDAE b) CBDEA c) ACEDB d) BACED e) No arrangement required
-

Q7. The sentence below is split into five parts (A-E), not in proper order. Rearrange the parts to form a grammatically correct and contextually meaningful statement.

- A). improvements in digital
- B). new opportunities for
- C). in several emerging economies,
- D). connectivity have created
- E). entrepreneurship and innovation

- a) CADBE b) CBAED c) ABEDC d) BEADC e) No arrangement required

Q8. The sentence below is split into five parts (A-E), not in proper order. Rearrange the parts to form a grammatically correct and contextually meaningful statement.

- A). as many junior players are
B). the world stage now, I feel India is
C). superpower in the coming years
D). all set to be a sports
E). performing exceptionally well on

- a) BCDAE b) DCBEA c) EABDC d) AEBDC e) No arrangement required

Q9. The sentence below is split into five parts (A-E), not in proper order. Rearrange the parts to form a grammatically correct and contextually meaningful statement.

- A). debate among archaeologists
B). carvings whose purpose
C). continues to inspire
D). along the edge of the
E). canyon stood ancient

- a) BCAD E b) DEBCA c) EBCDA d) ACBDE e) No arrangement required

Q10. The sentence below is split into five parts (A-E), not in proper order. Rearrange the parts to form a grammatically correct and contextually meaningful statement.

A). theatre has historically

B). served as a powerful

C). medium for questioning

D). authority and reflecting

E). societal transformations

a) BCDEA b) DBCEA c) EADBC d) EDABC e) No arrangement required