











Best of Bundle PDF Course Reasoning Ability Prelims table of contents

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Year puzzle

Directions (1-5): Study the following information carefully and answer the questions given below. Eight bikes viz. Bajaj, Hero, Honda, KTM, Revolt, Suzuki, TVS, and Yamaha were launched in different years from 2001 to 2008, but not necessarily in the same order.

Hero was launched in an odd numbered year and three years before the launch of Honda.KTM was launched between Hero and Honda but not in an odd numbered year. The number of bikes launched before KTM is the same as the number of bikes launched after Bajaj. Only three bikes were launched between Bajaj and Yamaha. Revolt was launched immediately before Suzuki. More than two bikes were launched between Revolt and TVS.

1) Which of the following bike was launched in the year 2002?

A. KTM

B. Hero

- C. TVS
- **D**. Suzuki
- E. None of these

2) How many bikes were launched betweenHero and Revolt bikes?

- A. One
- B. Two
- C. Three
- D. More than three
- E. None

3) Suzuki bike was launched in which of the following year?

- **A**. 2004
- **B**. 2008
- **C**. 2002
- **D**. 2006
- E. None of these

4) What is the position of Bajaj bike with respect

- to Yamaha bike?
- A. Three years after
- B. Two years before
- C. Immediately before
- D. Four years after
- E. None of these

5) Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Find the one that doesn't belong to that group.

- A. Yamaha
- B. Honda
- C. Suzuki
- D. TVS
- E. KTM

Direction Sense

Directions (6-8): Study the following information carefully and answer the questions given below. Point Q is 16m north of point L. Point A is 5m east of Point X. Point G is 10m west of point L. Point M is 15m west of point Q. Point X is 8m north of point G. Point T is 7m north of Point O

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which is 10m east of point R. Point P is 20m from March to September of the same year, but south of point M. Point T is 25m east of Point P. not necessarily in the same order. 6) What is the direction of point Q with respect to N was born in the month having less than 31 point T? days. Only two recipients were born between N A. East and K. J was born two months after K. Only B. North-west three recipients were born between J and L. M C. North-East was born immediately before L. P was not born **D**. South immediately before M. O was not born in July. E. South-west 9) _____ was born in May. a) C 7) What is the shortest distance between the b) J points Q and P? c) P **A**. 35m d) O **B**. 20m e) None of these **C**. 25m **D**. 30m 10) As many persons born between L and P as after ? E. Can't be determined a) P 8) Four of the following five are alike in a certain b) K way based on their positions in the above c) M arrangement and thus form a group. Which one d) J of the following does not belong to that group? e) None of these A. MX B. AL 11) _____ was born two months before O. C. PR a) The one who was born immediately after L **D**. QO b) J E. PL c) N d) The one who was born in March Month puzzle e) P Direction (9-13): Study the following information carefully and answer the questions given below. 12) Find the odd one out? Seven Padma Bhushan Recipients viz. J, K, L, a) M M, N, O, and P were born in different months b) O

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c) P	G ≤ F < I; F ≤ H < K = L; K ≤ M > N				
d) J	Conclusions:				
e) K	I. G > N				
	II . G < M				
13) Which of the following statements is/are true					
with respect to the final arrangement?	16) Statements:				
a) J was born before O	P < Q < R = S; S ≤ K > M; K ≤ L = O > N				
b) Both O and M were born in the consecutive	Conclusions:				
months	I. P < N				
c) P was born after K	II. N ≤ P				
d) No one was born after L					
e) None is true	17) Statements:				
	$I > J \le H > L$; $H < T \ge N$; $T < M > O$				
Inequality	Conclusions:				
Directions (14-18): In these questions, the	I. J < M				
relationship between different elements is shown	II. N < M				
in the statements followed by two conclusions.					
Find the conclusion which logically follows from	18) Statements:				
the given statements.	W ≤ X > Y < Z; Y < A < C; A > F < G				
Given answers:	Conclusions:				
A. Only conclusion I follows	I. W < C				
B. Only conclusion II follows	II. Y > G				
C. Either conclusion I or II follows					
D. Neither conclusion I nor II follows	Square seating arrangement				
E. Both conclusions I and II follow	Directions (19-23): Study the following				
14) Statements:	information carefully and answer the questions				
A > B < C; D < E > B; D = F ≤ G	given below.				
Conclusions:	Eight persons-L, M, N, O, P, Q, R, and S are				
I. A > D	sitting on a square table facing away from the				
II. A < G	centre, but not necessarily in the same order.				
	Four of them are sitting in the corners while the				
	rest are sitting in the middle of the sides of the				
15) Statements:	table.				
15) Statements:	table.				





Two persons sit between S and L, who sits atone of the corners of the table. S sits immediate right of M. One person sits between L and Q. The number of persons sitting between Q and S is the same as the number of persons sitting between L and O, when counted from the right of both S and O. N sits second to the left of R. P doesn't sit adjacent to S.

19) Who among the following person sits opposite to L?

a) P

b) The one who sits second to the left of N

- c) The one who sits immediate right of R
- d) S
- e) Q

20) Who among the following persons sitsat the cornerof the table?

I. The one who sits immediate left of N

- II. The one who sits third to the right of R
- III. S
- **IV**. O
- a) Only I and II
- b) Only III and IV
- c) Only I and III
- d) Only II and IV
- e) All I, II, III and IV

21) Which of the following statement is/are true with respect to the final arrangement?

I. Only one person sits between L and P, when counted from the left of P.

II. No one sits between Q and O, when counted from the left of O.

- **III.** L sits third to the right of M.
- a) Only II and III
- b) Only III
- c) Only I and II
- d) Only II
- e) All the statementsare true

22) If all the persons are made to sit in the alphabetical order from L in the clockwise direction, then how many persons remain unchanged in their positions (Excluding L)?

- a) No one
- b) Four
- c) Three
- d) One
- e) Two

23) What is the position of S with respect to O?

- a) Immediate left
- b) Third to the left
- c) Third to the right
- d) Second to the left
- e) Second to the right

Syllogism

Directions (24-28): Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.

24) Statements:





Only a few Colors are Pen. Some Pens are Pencil. Only Pencil is Note.

Conclusions:

- I. All Pencil being Pen is a possibility.
- II. Some Colors are note.
- A. Only conclusion I follows
- B. Either conclusion I or II follows
- C. Only conclusion II follows
- D. Both conclusions I and II follow
- E. Neither conclusion I nor II follows

25) Statements:

Only a few red is green.

- All green is yellow.
- Few yellow is black.

All black is blue.

Conclusions:

- I. Some red is not yellow.
- II. All black being green is a possibility.
- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Either conclusion I or II follows
- D. Neither conclusion I nor II follows
- E. Both conclusions I and II follow

26) Statements:

Some bikes are motor.

All bikes are cars.

Only a few cars are buses.

Some bikes are scooty.

Conclusions:

I. Some motors are cars.

- II. No bike is bus.
- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Either conclusion I or II follows
- D. Neither conclusion I nor II follows
- E. Both conclusions I and II follow

27) Statements:

Only a few pillars are palaces.

All palaces are houses.

All huts are tents.

No house is hut.

Conclusions:

- I. Some pillars are not hut.
- II. Some tents are not house.
- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Either conclusion I or II follows
- D. Neither conclusion I nor II follows
- E. Both conclusions I and II follow

28) Statements:

Some books are paper.

All papers are notes.

Only a few papers are files.

Some files are wrappers.

Conclusions:

- I. Some files are books.
- II. No book is file.
- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Either conclusion I or II follows
- D. Neither conclusion I nor II follows





E. Both conclusions I and II follow

Linear arrangement

Directions (29-33): Study the following information carefully and answer the questions given below.

Eight persons- L, M, N, O, P, Q, R, and S, are sitting in a linear row, but not necessarily in the same order. Four persons face towards North and the rest face towards South. Not more than two adjacent persons face the same direction.

R sits second to the left of P, where both face the same direction. Only two persons sit between P and Q. Both Q and R are not immediate neighbors. N sits immediate left of R. Q doesn't sit at any of the ends of the row. L sits second to the right of M, where both face the same direction. M faces the opposite direction of R. Only four persons sit between L and O. The immediate neighbors of Q face the same direction. Q faces the opposite direction of L. N doesn't face towards South.

29) Who among the following person sits third to the left of M?

a) The one who sits second to the left of P

- b) The one who sits immediate right of Q
- c) N
- d) L
- e) V

30) What is the position of L with respect to R?

- a) Second to the right
- b) Second to the left

- c) Immediate left
- d) Immediate right
- e) Third to the left

31) Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Find the one who doesn't belong to that group.

- a) NR
- b) PQ
- c) OP
- d) SO
- e) MS

32) If one of the neighbors of M is S, then who among the following person is the second neighbor?

- a) Q
- b) N
- c) R

d) The one who sits immediate right of Q

e) The one who sits immediate left of L

33) Who among the following persons sit to the right of M?

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I. O

- II. Q
- III. The one who sits immediate left of L
- IV. R
- a) Only I and II
- b) Only III and IV
- c) Only I and III
- d) Only II and IV

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e) All I, II, III and IV	B. WEM		
	C. KNE		
Coding Decoding	D. BGH		
Directions (34-38): Study the following	E. Cannot be determined		
information carefully and answer the questions			
given below.	37) If "Medial mental mind" is coded as "CNR		
In a certain code language,	YHB XCT", then which of the following word		
"Persistent training proves learning" is coded	denotes the code "UFG" in the given code		
as "DFG AWE BGH SEY"	language?		
"Learning improves mental strength" is coded	A. Improves		
as "KNE BGH CNR WEM"	B. Mind		
"People strength depends training" is coded	C. Success		
as "NRT AWE KNE LEH"	D. Persistent		
"Success depends persistent mind" is coded	E. Cannot be determined		
as "UFG SEY XCT NRT"			
34) What is the code for the word "proves" in the	38) Which of the following phrase denotes the		
given code language?	code "SEY AWE" in the given code language?		
A. BGH	A. People Improves		
B. DFG	B. Training People		
C. AWE	C. Strength People		
D. SEY	D. People Mental		
E. None of these	E. Persistent Training		
35) Which of the following phrase denotes the	Designation puzzle		
code "LEH WEM" in the given code language?	Directions (39-43): Study the following		
A. People Improves	information carefully and answer the questions		
B. Training People	given below.		
C. Strength People	Eight persons- M, N, O, P, Q, R, S and T are		
D. People Mental	working in a Post Office at different		
E. Either A or D	designations, but not necessarily in the same		
36) What is the code for the word "mental" in the	order. The designations are Postmaster,		
given code language?	Manager, Inspector, Accountant, Supervisor,		
A. CNR	Clerk, Head Clerk and Assistant.		





Note:Postmaster is the senior-most designation whereas Assistant is the junior-most designation.

Only three persons are designated between M and R. R is junior to M, who is not designated asPostmaster. T is immediately junior to R. Only two persons are designated between T and Q. O is senior to Q. Only one person is designated between O and N. N is not immediately senior to R. P is immediately senior to N.

39) Who among the following person is designated as Clerk?

a) Q

b) The one who is immediately junior to Oc) S

d) The one who is two persons senior to R

e) None of these

40) Who among the following person is designated immediately senior to M?

a) The one who is the Postmaster

b) O

c) The one who is the inspector

d) N

e) None

41) How many persons are designated between R and P?

a) Three

b) Five

c) Four

d) Two

e) One

42) Choose the correct combination with respect to the final arrangement.

- a) N-Inspector
- b) O-Postmaster
- c) Q-Supervisor
- d) S-Assistant
- e) None of these

43) What is the designation of the person who is immediately junior to Q?

- a) Accountant
- b) Supervisor
- c) Clerk
- d) Head Clerk
- e) None of these

Blood relation

Direction (44-45): Study the following information carefully and answer the questions given below.

E is the father of J. D is the sister-in-law of M. W is the father-in-law of S, who does not have any siblings. Y has only one daughter, who is not D. D is the mother of J. S is the uncle of J, who is a male. D does not have any siblings. Y is the mother of M.

- 44) How is J related to M?
- A. Nephew
- B. Son
- C. Daughter
- D. Wife
- E. Husband

45) How is D related to W?





- A. Daughter
- B. Daughter-in-law
- C. Son
- D. Wife
- E. Brother

Order and ranking

Direction (46-48): Study the following information carefully and answer the questions given below.

Seven liquid items are kept in different bottles based on their quantity. Petrol contains more quantity than Tonic but less than Oil. Juice contains more quantity than Oil but immediately less quantity than Milk. Water contains more quantity than Honey but at least two items are there between them. Oil doesn't contain the third-highest quantity whereas Honey doesn't contain the least quantity. The second least quantity will be 9 liters whereas the highest quantity will be 27 liters which is not Water.

46) Which of the following item has the third least quantity?

- A. Oil
- B. Honey
- C. Petrol
- D. Water
- E. None of these

47) How many items are there between Juice and Honey?

A. One

B. Two

- C. Three
- D. More than three
- E. None

48) If the total quantity of Milk and Oil is 44 liters and the total quantity of Water and Honey is 32 liters, then what is the total quantity of Oil and Water?

- **A**. 40L
- **B**. 38L
- **C**. 36L
- D. 50L
- E. None of these

Miscellaneous

49) How many such pairs of letters are there in the word "ACQUAINTANCE" each of which has as many letters between them as there are in the English alphabetical series (both forward and backward directions)?

- A. One
- B. Two
- C. Three
- D. More than three
- E. None

50) If in the given number "9537812564", every two digits are interchanged from the left end, then what is the sum of the number which is third from the right end and sixth from the left end?

A. 10

B. 9





C . 13			
D . 8			

E. 12

Answer With Explanation

Directions (1-5):

1) Answer: C

2) Answer: C

3) Answer: B

4) Answer: D

5) Answer: A (All the bikes were launched in an even numbered year, except option A)

Year	2001	2002	2003	2004	2005	2006	2007	2008
Bike	Yamaha	TVS	Hero	KTM	Bajaj	Honda	Revolt	Suzuki

We have,

- Hero was launched in an odd numbered year and three years before the launch of Honda.
- KTM was launched between Hero and Honda but not in an odd numbered year.

From the above condition, there are three possibilities.

	Year	2001	2002	2003	2004	2005	2006	2007	2008
Case 1	Bike	Hero	KTM		Honda				
Case 2	Bike			Hero	KTM		Honda		
Case 3	Bike					Hero	KTM		Honda

Again we have,

- The number of bikes launched before KTM is the same as the number of bikes launched after Bajaj.
- Only three bikes were launched between Bajaj and Yamaha.

	Year	2001	2002	2003	2004	2005	2006	2007	2008
Case 1	Bike	Hero	KTM	Yamaha	Honda			Bajaj	
Case 2	Bike	Yamaha		Hero	KTM	Bajaj	Honda		
Case 3	Bike			Bajaj		Hero	KTM	Yamaha	Honda

Again we have,

- Revolt was launched immediately before Suzuki.
- More than two bikes were launched between Revolt and TVS.





Hence, cases 1 and 3 get eliminated. Case 2 shows the final arrangement.

	Year	2001	2002	2003	2004	2005	2006	2007	2008
Case 1	Bike	Hero	KTM	Yamaha	Honda	Revolt	Suzuki	Bajaj	
Case 2	Bike	Yamaha	TVS	Hero	KTM	Bajaj	Honda	Revolt	Suzuki
Case 3	Bike	Revolt	Suzuki	Bajaj		Hero	KTM	Yamaha	Honda

Directions (6-8):

6) Answer: B

7) Answer: C

15²+20² = (PQ)²

 $\sqrt{(15^2+20^2)} = \sqrt{625} = 25m$





Directions (9-13):

9) Answer: D

10) Answer: A

11) Answer: D

12) Answer: E (All the persons were born in the

month having 31days, except option E)

13) Answer: C

Final Arrangement:

Month	Recipient
March	М
April	L
Мау	0
June	К
July	Р
August	J
September	N

We have,

- N was born in the month having less than 31 days.
- Only two recipients were born between N and K.
- J was born two months after K.

From the above condition, there are three possibilities.

	Case-1	Case-2	Case-3
Month	Recipient	Recipient	Recipient
March		К	
April	Ν		
Мау]	
June		Ν	К
July	К		
August]
September	J		Ν

Again we have,





- Only three recipients were born between J and L.
- M was born in the month immediately before L.

Hence, case 1 gets eliminated.

	Case 1	Case-2	Case-3
Month	Recipient	Recipient	Recipient
March		К	М
April	N		L
Мау	L	J	
June		N	K
July	К		
August		М	J
September]	L	N

Again we have,

- P was not born immediately before M.
- O was not born in July.

Hence, case 2 gets eliminated. Case 3 shows the final arrangement.

	Case-2	Case-3
Month	Recipient	Recipient
March	К	М
April	Р	L
May	J	0
June	N	К
July		Р
August	M	J
September	L	N

Directions (19-23):

14) Answer: D A > B < E > D = F \leq G I. A > D (False) II. A < G (False)

15) Answer: B G \leq F \leq H < K \leq M > N I. G > N (False) II. G < M (True)

16) Answer: C $P < Q < R = S \le K \le L = O > N$ I. P < N (False) II. $N \le P$ (False) Combining both, either conclusion I or II follows.

17) Answer: E
J ≤ H < T < M, N ≤ T < M
I. J < M (True)
II. N < M (True)

18) Answer: D $W \le X > Y < A < C; Y < A > F < G$ I.W < C (False) II.Y > G (False)





19) Answer: C

- 20) Answer: A
- 21) Answer: C
- 22) Answer: A
- 23) Answer: D

Final Arrangement



We have,

- Two persons sit between S and L, who sits at one of the corners of the table.
- S sits immediate right of M.
- One person sits between L and Q.

From the above condition, there are three possibilities.



Again we have,

• The number of persons sitting between Q and S is the same as the number of persons sitting between L and O, when counted from the right of both S and O.







Again we have,

- N sits second to the left of R.
- P doesn't sit adjacent to S.

Hence, cases 1a and 2 get eliminated. Case 1 shows the final arrangement.



24) Answer: E





26) Answer: A

25) Answer: B









27) Answer: E

Directions (29-33):

29) Answer: B

30) Answer: D

31) Answer: C (Both the persons are facing the same direction, except option c)

32) Answer: E

33) Answer: B

Final Arrangement:



We have,

- R sits second to the left of P, where both face the same direction.
- Only two persons sit between P and Q.
- Both Q and R are not immediate neighbors.

From the above condition, there are two possibilities.







Again we have,

- N sits immediate left of R.
- Q doesn't sit at any of the ends of the row.
- L sits second to the right of M, where both face the same direction.
- M faces the opposite direction of R.

From the above condition, there are four possibilities.



Again we have,

- Only four persons sit between L and O.
- The immediate neighbors of Q face the same direction.
- Q faces the opposite direction of L.
- N doesn't face towards South.

Hence, cases 1a, 2 and 2a get eliminated. Case 1 shows the final arrangement.









Directions (34-38):

- 34) Answer: B
- 35) Answer: E
- 36) Answer: E
- 37) Answer: C
- 38) Answer: E

Word	Code
Learning	BGH
Training	AWE
Strength	KNE
Persistent	SEY
Proves	DFG
Depends	NRT
People	LEH
Improves/mental	CNR/WEM
Success/mind	UFG/XCT

Directions (39-43):

- 39) Answer: C
- 40) Answer: D
- 41) Answer: B
- 42) Answer: C
- 43) Answer: C

Final Arrangement:

Designation	Person
Postmaster	Р
Manager	N
Inspector	М
Accountant	0
Supervisor	Q
Clerk	S
Head Clerk	R
Assistant	Т

We have,

- Only three persons are designated between M and R.
- R is junior to M who is not designated asPostmaster.
- T is immediately junior to R.
- Only two persons are designated between T and Q.

From the above condition, there are two possibilities.





	Case 1	Case 2
Designation	Person	Person
Postmaster		
Manager		М
Inspector	М	
Accountant		Q
Supervisor	Q	
Clerk		R
Head Clerk	R	Т
Assistant	Т	

Again we have,

- O is senior to Q.
- Only one person is designated between O and N.
- N is not immediately senior to R.
- P is immediately senior to N.

Hence, case 2 gets eliminated. Case 1 shows the final arrangement.

-	Case 1	Case
	Case 1	Case 2
Designation	Person	Person
Postmaster	Р	O/N
Manager	Ν	Μ
Inspector	М	N/O
Accountant	0	Q
Supervisor	Q	
Clerk	S	R
Head Clerk	R	Т
Assistant	Т	

- Direction (44-45): 44) Answer: A
- 45) Answer: B



Direction (46-48):

- 46) Answer: C
- 47) Answer: C
- 48) Answer: A

From the given information, the following was obtained.

Milk (27L) > Juice > Water > Oil > Petrol > Honey (9L) > Tonic

49) Answer: A

ACQUAINTANCE

Hence, option A is correct.

50) Answer: A 9537812564 5973185246 8+2=10