

***BOX PUZZLE QUESTIONS
WITH SOLUTIONS***

BY

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Question 1-5

Eight boxes – P, Q, R, S, T, U, V and W are placed one above the another but not necessarily in the same order.

Three boxes are placed between S and Q. Two boxes are placed between T and Q. Two boxes are placed between P and W. W is placed immediately below Q. Two boxes are placed between R and V. Two boxes are placed between P and U. Box V is not placed at the bottom.

1. How many boxes are placed between S and R?

- two
- none
- three
- five
- one

2. Which box is at bottom most position?

- R
- Q
- W
- V
- Can't be determined

3. Which box is placed just above box W?

- S
- P
- R
- V
- Q

4. How many boxes are there between P and R ?

- 2
- 1
- 4

- 5
- 3

5. Who is the immediate neighbour of box T ?

- S
- Q
- R
- V
- W

Question 6-10

A, B, C, D, E, F and G are seven different boxes of different colours i.e. Black, Orange, Red, Pink, Yellow,

White and Green but not necessarily in the same order.

Box B is not placed below D. Box which is of Black colour is immediately above A. There are Only two box between D and the box which is of Black colour and Box D is above the Black colour box. Box which is of Red colour is above D but not immediately above D. Only three box are between C and the box which is of Red colour. The box which is of Green colour is immediately above C. The box which is of Pink colour is immediately above box G. Only one box is there between B and E. Neither box B nor A is of Yellow colour. A is not of Orange colour.

6. How many boxes are placed between green colored box and F?

- none
- one
- two
- three
- four

7. Four of the following five are alike in a certain way and so form a group. Which one of the following does not belong to the group?

- Black box – G
- Orange box - D
- Green box – C
- Red box – B

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- *Yellow box – E*

8. Which of the following box is of yellow colour?

- *A*
- *E*
- *B*
- *D*
- *None of these*

9. Which box is placed exactly between Black colored box and E?

- *green colored box*
- *orange colored box*
- *yellow colored box*
- *pink colored box*
- *None of these.*

10. Which of the following Statements is true with respect to the given information?

- *Yellow colored box is placed immediately above Red box*
- *Black box is the top.*
- *Orange colored box is placed immediately above D*
- *Three boxes are placed between red colored box and E.*
- *None of these.*

Solution of Question 1-10

Ans 1-5

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Box and Age Based Puzzle

<u>Top</u>	<u>U</u>
	<u>S</u>
	<u>T</u>
	<u>P</u>
	<u>V</u>
	<u>Q</u>
	<u>W</u>
<u>Bottom</u>	<u>R</u>

Ans 1 d

Ans 2 a

Ans 3 e

Ans 4 e

Ans 5 a

Ans 6-10

Box and age Based Puzzle

<u>F</u>	<u>Red</u>
<u>B</u>	<u>Orange</u>
<u>D</u>	<u>Yellow</u>
<u>E</u>	<u>Green</u>
<u>C</u>	<u>Pink</u>
<u>G</u>	<u>Black</u>
<u>A</u>	<u>White</u>

Ans 6 c

Ans 7 a

Ans 8 d

Ans 9 d

Ans 10 c

Direction (Q.1-5): Study the following carefully and answer the question given below:

Eight boxes A, B, C, E, F, G, M and N are placed one above the another but not necessarily in the same order. Each of them has different colours i.e. Black, Orange, Red, Green, Yellow, Purple, Blue and Brown.

1. *There are only three boxes between B and M.*
2. *Yellow and black coloured boxes are not on the consecutive places.*
3. *A box which is immediate above yellow coloured box is neither blue nor purple coloured box.*
4. *G is an orange coloured box but not on the top.*
5. *There are only two boxes below red coloured box.*
6. *Blue coloured box is above purple coloured box.*
7. *Neither M nor F is a purple coloured box.*
8. *There are only two boxes between orange and black coloured box.*
9. *Number of boxes between A and F is same as the number of boxes between A and N.*
10. *Yellow coloured box is one place above box C.*
11. *Box B and box G are on the consecutive places.*
12. *Green coloured box is immediate below box M.*
13. *Orange and Black coloured boxes are above Red coloured box.*

Q.1 Which of the following box has blue colour?

- (A) B
- (B) C
- (C) M
- (D) G
- (E) E

Q.2 If all the boxes arranged in alphabetically order from the top, how many boxes will remain their original position?

- (A) None
- (B) 1
- (C) 4
- (D) 3
- (E) 2

Q.3 Which of the following pair is correct?

- (A) F - Brown

- (B) E - Orange
 (C) B - Yellow
 (D) A - Black
 (E) None of these

Q.4 Box M has which of the following colour?

- (A) Blue
 (B) Purple
 (C) Black
 (D) Red
 (E) None of these

Q.5 Four of the following five are alike in a certain way and hence form a group. Which of them does not belong to the group?

- (A) E - B
 (B) C - M
 (C) N - A
 (D) B - N
 (E) G - N

Answer 1. (E) E

Answer 2. (B) 1

Answer 3. (C) B - Yellow

Answer 4. (E) None of these

Answer 5. (D) B - N

Detailed Explanation:

8	E	Blue
7	G	Orange
6	B	Yellow
5	N	Purple
4	C	Black
3	A	Red

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2	M	Brown
1	F	Green

Step Wise Solution:

1. There are only three boxes between B and M.
12. Green coloured box is immediate below box M.
11. Box B and box G are on the consecutive places.
4. G is an orange coloured box but not on the top.
8. There are only two boxes between orange and black coloured box.
13. Orange and Black coloured boxes are above Red coloured box.
5. There are only two boxes below red coloured box.
2. Yellow and black coloured boxes are not on the consecutive places.
3. A box which is immediate above yellow coloured box is neither blue nor purple coloured box.
10. Yellow coloured box is one place above box C.
9. Number of boxes between A and F is same as the number of boxes between A and N.
6. Blue coloured box is above purple coloured box.
7. Neither M nor F is a purple coloured box.

Directions (1-5) Read the given information carefully and **answer** the given questions.

There are five units i.e 1,2,3,4 and 5. Each unit has a different height. Also each unit contains books and boxes. Unit 2 is above Unit 1 and unit 3 is above Unit 2 and so on. Every unit belongs to different city i.e Beijing, Paris, London, Sydney and Zurich. The total height of all five units is equal to 252 ft.

- Total height of unit is equal to the total height of books plus total height of boxes in each unit.
- Height of books is not equal to the height of boxes, unless specified.

The books belongs to London is an even unit. The total height of Unit 1 is 75 ft. Sydney is not a Unit 1. The total height of unit, which belongs to Sydney, is 55 ft. There is only one gap between London and Paris. The height of books and height of boxes in unit 3 are equal. The height of books in Unit 2 is not less than 30 ft. The books in Unit 4 are four more than books, which is in Unit 3. The total height of London is not 37 ft. The total height of unit, which contains 37 ft is not taking the place which is **immediately** above a unit, which contains 20 ft more than the unit, which belongs to Sydney. The height of boxes in Unit 2 is 23 ft. Unit belongs to Zurich does not contain the equal height of books and boxes. The total height of Unit 2 is an **odd number** and height is more than 50 ft and less than 55 ft. Unit 1 contains 23 ft height of boxes more than Unit 4 contains height of boxes and Unit 5 contains 7 ft height of boxes less than Unit 1 contains.

1)What is the total height in Unit 3 ?

- A)37 ft
- B)32 ft
- C)53 ft
- D)75 ft
- E)80 ft

2)Unit 3 belongs to which city ?

- A)paris
- B)Zurich
- C)Sydney
- D)Beijing
- E)London

3)If 'Sydney' is related to 37 ft in the same way as Beijing is related to 53 ft. Which of the following is 'Paris' related to, following the same pattern ?

- A)53 ft
- B)37 ft
- C)75 ft
- D)32 ft
- E)30 ft

4)Four of the following five are alike in a certain way **and hence** they form a group . Which one of the following does not belong to that group ?

- A)Sydney
- B)32 ft
- C)75 ft
- D)paris
- E)37 ft

5)What is the height of box in Unit 4 ?

- A)23 ft
- B)17 ft
- C)27 ft
- D)40 ft
- E)20 ft

6)Which unit contains 30 ft book ?

- A)Unit 2
- B)Unit 3
- C)Unit 1

D)Unit 5

E)Unit 4

New pattern Box Puzzle **Questions** : Answers with Explanations

- 1.B)
- 2.D)
- 3.D)
- 4.B)
- 5.B)
- 6.A)

Unit	Total height(252)	Box	Book	City
5	55	27	28	Sydney
4	37	17	20	Paris
3	32	16	16	Beijing
2	53	23	30	London
1	75	40	35	Zurich

Directions (1-5)Read the **given information** carefully and answer the given questions.

Seven boxes-A,B,C,D,E,F and G are kept one above the other, but not necessarily in the same order. Each Box has a different number Viz. 11,14,15,17,18,19 and 22 but not necessarily in the same order.

Only three boxes are kept between G and box **number** 19. Only two boxes are kept between G and B . B is kept at one of the positions below box number 19. Only one box is kept between B and **box number** 14. E is kept immediately below box number 22.E is kept at one of the places above box number 19. There is only one box between E and the box having **number less** than E . E's box number is neither 17 or 18 .Only two boxes are kept between box number 15 and F . Thee difference between F and the box immediately below it is less than four .C is not the topmost box. C's box number is not 4 . Only two boxes are kept between C and A.

• 1)What is the number of box C ?

- A)15
- B)19
- C)22
- D)18
- E)11

• 2)How many boxes are kept between E and box number 14 ?

- A)3
- B)1
- C)2

D)More than 4
E)5

• 3)What is the **position** of D in the given stack of boxes ?

- A)Third form the top
B)Fifth from the top
C)First from the top
D)Third from the bottom
E)Fourth from the bottom

• 4)Which of the following boxes is kept **immediately above** A ?

- A)B
B)Box number 5
C)Box number 7
D)G
E)Box **number** 4

• 5)Four of the following five are alike in a certain way and hence **form** a group . Which of the following does not belong to the group ?

- A)B-4
B)E-2
C)C-7
D)D-9
E)A-8

• 6)Which of the following boxes is **numbered** 8 ?

- A)A
B)B
C)F
D)G
E)D

Box Type Reasoning Puzzle Questions : Answers

- 1.B
2.A
3.C
4.C
5.E
6.D

Box	Number
D	22
E	15
C	19
B	11

F	17
A	14
G	18

Directions (Q. 1-5): Study the given information carefully to answer the given question.

P, Q, R, S, T, U, and V are seven different boxes of different colors i.e. Black, Orange, Red, Pink, Yellow, White, and Green but not necessarily in the same order.

Box Q is not placed below S. Box which is of Black color is immediately above P. There are only two boxes between S and the box which is of Black color and Box S is above the Black color box. The box which is of Red color is above S but not immediately above S. Only three boxes are between R and the box which is of Red color. The box which is of Green color is immediately above R. The box which is of Pink color is immediately above box V. Only one box is there between Q and T. Neither box Q nor P is of Yellow color. P is not of Orange color.

Q: 1 How many boxes are placed between the green colored box and U?

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

Q: 2 Four of the following five are alike in a certain way and so form a group. Which one of the following does not belong to the group?

- (a) Black box – V (b) Orange box – S (c) Green box – R
(d) Red box – Q (e) Yellow box – T

Q: 3 Which of the following box is of yellow color?

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

Q: 4 Which box is placed exactly between the Black colored box and T?

- (a) Yellow box (b) Orange box (c) Green box
(d) Pink box (e) None of these

Q: 5 Which of the following Statements is true with respect to the given information?

- (a) Yellow colored box is placed immediately above Red box

- (b) Black box is the top
 (c) Orange colored box is placed immediately above S
 (d) Three boxes are placed between red colored box and T
 (e) None of these

Sol: 1-5:

Box	Colour
U	Red
Q	Orange
S	Yellow
T	Green
R	Pink
V	Black
P	White

1. (b)
2. (a)
3. (d)
4. (d)
5. (c)

Directions (1-5): Study the information and answer the given questions:

There are eight boxes viz. A, B, C, D, E, F, G and H. All the box are arranged from top to bottom.

There are four box between C and H. There are two box between H and A. There are three box between A and F. There are two box between F and B. There is only one box between B and D. The box D is not placed immediately above or immediately below the F. There are gap of two box between E and G. The box E is placed one of the above on H but not on the top.

Q1. Which of the following box is at the bottom?

- (a) G
- (b) B
- (c) C
- (d) D
- (e) E

Q2. Which of the following box is immediately above the D?

- (a) B
- (b) E
- (c) H
- (d) C
- (e) A

Q3. How many boxes are placed between the box D and H ?

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

Q4. How many boxes are placed below the box E?

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

Q5. If C is related to B and A is related to H in certain way, then D is related to ?

- (a) B
- (b) E
- (c) H
- (d) C
- (e) A

Solution (1-5):

Box
C
D
A
B
E
H
F
G

S1. Ans.(a)

Sol.

S2. Ans.(d)

Sol.

S3. Ans.(b)

Sol.

S4. Ans.(c)

Sol.

S5. Ans.(b)

Sol.

Directions (1 – 5): Study the following information to answer the given questions:

There are 8 boxes which are colored with different colors – white, pink, green, blue, yellow, red, orange and brown. Each of them contains a number written on them from 1 to 8 according to which they are placed one above the other. The box containing number 1 is at the lowest place. Each box has different sweets namely – Rasgulla, Laddu, Peda, Nankhatai, Jalebi, Gulab Jamun, Petha and Burfi but not necessarily in the same order.

Only one box is there between pink box and the one which contains Jalebi. Number 4 is written on the brown box. The number on red colored box is odd and is placed somewhere above the box numbered four.

There are three boxes between blue box and the one which contains Gulab Jamun. The number written on Green box is odd and is placed above the box which contains Gulab Jamun. The box which contains Petha is placed immediately above orange colored box, which contains neither Gulab jamun nor Rasgulla. The yellow box does not contain Petha. There are three boxes placed between orange and white boxes. The box which contains Burfi is placed immediately above the one which contains Laddu, but not at the topmost position. Only one box is there between red colored box and the one which contains Peda. The number of boxes placed above red colored box is same as the number of boxes placed between blue and red colored boxes. Only one box is there between the one which contains Burfi and brown colored box. Two boxes are placed between green colored box and the one which contains Rasgulla.

Which of the following Statements is true with respect to the given information?

- A) Orange colored box is placed immediately above the one which contains Rasgulla*
- B) Yellow colored box is placed immediately above green box*
- C) Three boxes are placed between red colored box and the one which contains Burfi.*
- D) Blue box contains Jalebi.*
- E) Number 7 is written on green colored box*

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Answer

Option E

Arrangement:

8 pink	Nankhatai
7 green	Petha
6 orange	Jalebi
5 red	Gulab jamun
4 brown	Rasgulla
3 yellow	Peda
2 white	Burfi
1 blue	Laddu

Which box is placed exactly between brown colored box and the one which contains Laddu?

- A) yellow and red colored boxes
- B) orange and blue colored boxes
- C) pink and white colored boxes
- D) green and red colored boxes
- E) yellow and white colored boxes

Answer

Option E

Which of the following sweets does yellow box contain?

- A) Burfi
- B) Laddu
- C) Peda
- D) Jalebi
- E) Petha

Answer

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Option C

Four of the following five are alike in a certain way and so form a group. Which one of the following does not belong to the group?

- A. orange box – Nankhatai
- B. green box – Gulab jamun
- C. red box – Jalebi
- D. brown box – Burfi
- E. blue box – Peda

Answer

Option C

How many boxes are placed between green colored box and the one which contains Peda?

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

Answer

Option D

Directions (6 – 10): Study the following information to answer the given questions:

There are 7 boxes which are colored with different colors – White, Blue, Yellow, Green, Red, Brown and Pink. They are placed one above the other. And contain different flavored cupcakes – Mint Oreo, Chocolate, Blueberry, Mango, Lemon, Apple Pie and Cranberry, but not necessarily in the same order.

Further information is as follows:

- (i) Boxes containing Either Mango or Cranberry cupcake is on the top or first place respectively.

(ii) The brown box is placed on 5th place from bottom.

(iii) The boxes containing Chocolate and Apple Pie cupcakes are placed consecutively.

(iv) White and Red colored boxes contain Mint Oreo and Lemon cupcakes respectively.

(v) Yellow and Brown boxes are placed at consecutive places.

(vi) Blue box, which contains Chocolate cupcake, and White box have one box in between them.

(vii) Yellow box, which contains Blueberry cupcake is placed just above the box containing Apple Pie cupcake.

Box containing which cupcake is immediate next to box containing Lemon cupcake?

- A) Chocolate
- B) Mint Oreo
- C) Either (A) or (B)
- D) Blueberry
- E) Mango

Answer

Option C

Brown colored box contains which flavored cupcake?

- A) Apple Pie
- B) Lemon
- C) Chocolate
- D) Either (A) or (B)
- E) Cranberry

Answer

Option A

If the box at the lowest place is colored Green, then which colored box contains Mango cupcake?

- A) Green
- B) White
- C) Red
- D) Cannot be determined
- E) None of these

Answer

Option D

The box containing Blueberry cupcake is at which position from below?

- A) Second
- B) Third
- C) Sixth
- D) Fourth
- E) Fifth

Answer

Option C

If the topmost box contains Cranberry cupcake, then how many boxes are placed between Chocolate and Cranberry cupcakes?

- A) Two
- B) Four
- C) One
- D) Three
- E) None of these

Answer

Option A

Directions (1 – 3): Answer the questions on the basis of the information given below.

8 boxes – A, B, C, D, E, F, G and H are placed one above the another but not necessarily in the same order.

Three boxes are placed between D and B. Two boxes are placed between E and B. Two boxes are placed between A and H. H is placed immediately below B. Two boxes are placed between C and G. Two boxes are placed between A and F.

How many boxes are placed between D and C?

- A) Two
- B) None
- C) Three
- D) Five
- E) One

Answer

Option A

Arrangement:

Three boxes are placed between D and B. Two boxes are placed between E and B. H is placed immediately below B. 4 possibilities:

—	—	—	—
—	—	—	—
—	—	—	—
D	D	B	B
E	—	H	H
—	—	—	—
—	—	E	—
B	B	D	D
H	H		
—	—		
—	E		

Two boxes are placed between A and H. Two boxes are placed between A and F.

–	–	–	E
–	–	A	A
F	–	–	–
D	D	B	B
E	–	H	H
A	A	–	–
–	–	E	–
B	B	D	D
H	H		
–	–		
–	E		

Only 1st possibility is possible. And now Two boxes are placed between C and G.

So from top to bottom – F > D > E > A > C/G > B > H > C/G

If C is placed above G, which box is at bottom most position?

- A) B
- B) C
- C) H
- D) G
- E) Cannot be determined

Answer

Option D

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Which box is placed just above box H?

- A) A
- B) D

C) G

D) B

E) C

Answer

Option D

Directions (4 – 6): Answer the questions on the basis of the information given below.

8 boxes – A, B, C, D, E, F, G and H are placed one above the another but not necessarily in the same order.

Two boxes are placed between F and E. F is placed above E. One box is placed between F and G. Three boxes are placed between A and H. A is placed immediately below F. Two boxes are placed between C and H. B is placed somewhere above D.

How many boxes are placed between F and H?

A) Four

B) None

C) Three

D) Five

E) One

Answer

Option A

Arrangement:

Two boxes are placed between F and E. F is placed above E. One box is placed between F and G. A is placed immediately below F.

– G

– –

F F

A A

G –

E E

Three boxes are placed between A and H. Two boxes are placed between C and H. 1st possibility cancels out

.	H		H
.	-	G	G
.	-	-	-
F	F	F	F
A	A	A	A
G	G	C	-
E	E	E	E
-		-	
H		H	

1st, 2nd, 4th possibility cancels out.

B is placed somewhere above D.. So from top to bottom - $G > B > F > A > C > E > D > H$

Which box is placed at top?

- A) B
- B) C
- C) H
- D) G
- E) Cannot be determined

Answer

Option D

Which box is placed just below box A?

- A) E
- B) D
- C) G
- D) B

E) C

Answer

Option E

Directions (7 – 10): Answer the questions on the basis of the information given below.

8 boxes – A, B, C, D, E, F, G and H are placed one above the another but not necessarily in the same order.

There are four boxes placed between D and G. Two boxes are placed between B and G. Number of boxes between A and G is same as between H and B. A is placed above G. Two boxes are placed between A and H. C is placed just above G. There are at least 2 boxes between E and B.

Which box is at top most position?

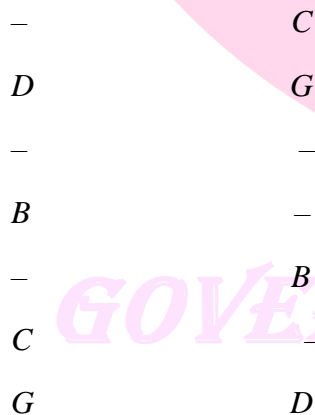
- A) C
- B) A
- C) E
- D) H
- E) None of these

Answer

Option D

Arrangement:

4 between D and G. and 2 between B and G. C just above G. So 2 possibilities as:



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Now — Number of boxes between A and G is same as between H and B. A is placed above G. Two boxes are placed between A and H. Gives

H	A
–	C
D	G
A	H
B	–
–	B
C	–
G	D

Now: There are at least 2 boxes between E and B.. So 2nd possibility cancels out

From top to bottom – $H > W > D > A > B > F > C > G$

How many boxes are between boxes E and A?

- A) None
- B) Three
- C) One
- D) Five
- E) Four

Answer

Option C

Which box is placed just above box B?

- A) A
- B) C
- C) E
- D) H
- E) D

Answer

Option A

How many boxes are below box F?

A) Three

B) Four

C) None

D) Two

E) Six

Answer

Option D

Eight boxes are arranged in a stack from bottom to top numbered from 1-8 each having a different colour; green, black, blue, white, yellow, orange, red and pink not necessarily in the same order. They contain a different food item; Milky bar, Lollypop, Ice cream, Pizza, Butter chicken, Curd rice, Grill chicken and Bovonto not necessarily in the same order. The arrangement is based on the following rules:

- The yellow box is kept at an even numbered position
- There are 3 boxes between the yellow box and the box with Bovonto
- White box is either at the top or at the bottom of the stack
- Box number 2 has Milky bar and it is not yellow in colour
- Box with the Butter chicken is kept between the box having red colour and the box having Pizza
- The Green coloured box is kept 2 boxes above the blue box
- There are 4 boxes between the box with Lollypop and the red coloured box
- There are 3 boxes between the box with Butter chicken and the box with Ice cream
- Pink box is between the box with Grill chicken and the orange coloured box
- The red box does not have Grill chicken.

(1). Which of the following is the correct combination of number: colour: food item?

a) 8: yellow: Butter chicken b) 6: red: Curd rice c) 5: green: Grill chicken d) 4: blue: Pizza e) 3: orange: Lollypop

(2). Four of the following bear a certain relationship hence form a group, which of the following does not belong to that group?

a) Pizza b) Curd rice c) Bovonto d) Ice cream e) Milky bar

(3). If green is related to Pizza and red is related to Butter chicken then which of the following food items is related to blue?

a) Curd rice b) Grill chicken c) Bovonto d) Ice cream e) Lollypop

(4). Which of the following food items does the black and orange box contains?

a) Milky bar, Lollypop b) Milky bar, Ice cream c) Ice cream, Bovonto d) Bovonto, Pizza e) Curd rice, Grill chicken

(5). How many boxes are kept between the green box and the box having Curd rice?

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



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