

IIFCL Assistant Manager Sample Paper

Directions (1-4): Study the following information carefully and answer the questions given below:

Eight people - A, B, C, D, E, F, G, H - live on different floors in an eight-floor building, where the floors are numbered from 1 to 8 (from bottom to top).

A's floor number is a multiple of 2. The number of persons living above G is the same as the number of persons living below A. G's floor is just above D's floor. The difference between the floor numbers of F and B is 4. B's Floors is immediately below H's floor. E and A do not live on adjacent floors.

Q1. E lives on

- (A). Floor 3
- (B). Floor 2
- (C). Floor 7
- (D). Floor 8
- (E). Floor 1

Q2. How many

- (A). Two
- (B). Four
- (C). Five
- (D). Three
- (E). One

Q3. Which of the following

- (A). G lives two floors above A's floor
- (B). E lives two floors above A's floor
- (C). More than one person lives between E and G
- (D). Three people live between E and G
- (E). One person lives between E and G

Q4. Who among the following live on floor 7?

- (A). B
- (B). F
- (C). E
- (D). C
- (E). None of these

Directions (5-7): Study the given information carefully and answer the questions below:

Point A is 10m west of point G. Point G is 6m south of point B. Point C is 10m north of point B. Point D is 21m east of point C. Point V is 3m west of point T. Point T is 12 m south of point D.

Q5. Point B is in which direction with respect to point V?

- (A). West
- (B). North-west
- (C). South-west
- (D). East
- (E). None of these

Q6. What is the shortest distance between point A and point C?

- (A). 26m
- (B). 13m
- (C). 8m
- (D). 15m
- (E). None of these

Q7. What is the direction of point A with respect to point V?

- (A). South-west
- (B). North-east
- (C). North-west
- (D). South-east
- (E). None of these

Q8. Instruction: In this question, the relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer:

Statements: $H = L$

Conclusions:

- I. $H > Y$
- II. $I \leq A$

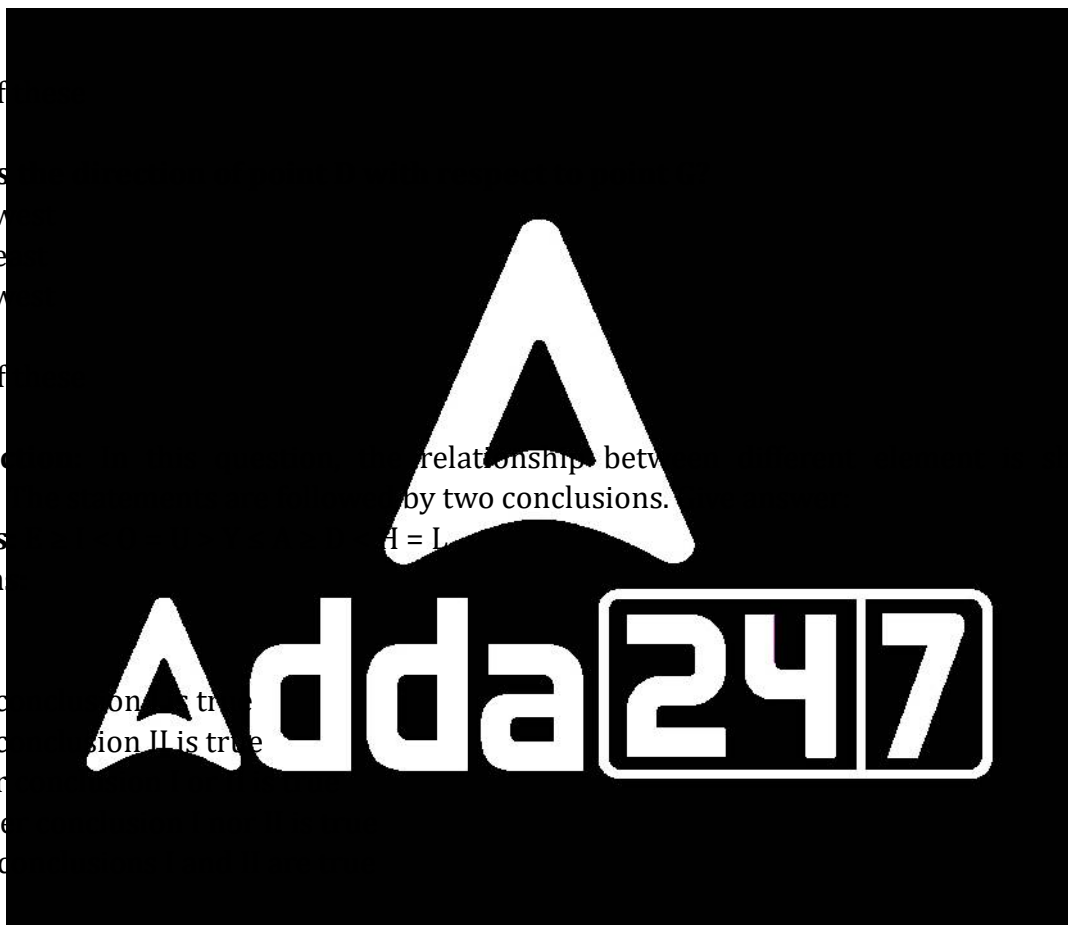
- (A). If only conclusion I is true
- (B). If only conclusion II is true
- (C). If either conclusion I or II is true
- (D). If neither conclusion I nor II is true
- (E). If both conclusions I and II are true

Q9. Instruction: In this question, the relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer:

Statements: $B > F = J > N \geq S = V \geq Z > C = G$

Conclusions:

- I. $B > V$
- II. $J > C$
- (A). If only conclusion I is true
- (B). If only conclusion II is true
- (C). If either conclusion I or II is true
- (D). If neither conclusion I nor II is true
- (E). If both conclusions I and II are true



Q10. How many pairs of letters are in the word 'EXPOSURE', each of which have as many letters between them (both forward and backward direction) as they have according to English alphabetical order?

- (A). Four
- (B). Three
- (C). Two
- (D). One
- (E). None

Directions (11-13): What approximate value will come in place of question mark (?) in the following questions (You are not expected to calculate the exact value).

Q11. $19.989 \times 102 \times ? \times 102$

- (a) 2
- (b) 9
- (c) 5
- (d) 11
- (e) 14

Q12. $21.192 \times 102 \times ? \times 102 \times 19.99$

- (a) 121
- (b) 100
- (c) 81
- (d) 144
- (e) 196

Q13. $\sqrt[3]{2197} \times 102 \times ? \times 102$

- (a) 1
- (b) 6
- (c) 12
- (d) 15
- (e) 3



Directions (14-16): The table given shows total hotels in four (A, B, C and D) different cities. Table also shows percentage of booked hotels out of total hotels in these cities. Read the following table carefully and answer the questions given below.

Note: Total hotels = Booked hotels + Vacant Hotels

Cities	Total hotels	Booked Hotels
A	800	60%
B	680	75%
C	750	80%
D	1020	50%

Q14. Find the difference between sum of vacant hotels in cities C & D together and booked hotels in city A.

- (a) 210
- (b) 150
- (c) 120
- (d) 180
- (e) 240

Q15. Total vacant hotels in city X is 30 less than the thrice of vacant hotels in city C. If ratio of booked hotels in city X to city A is 5:8 respectively, then find the ratio of total hotels in city A to that of in city X.

- (a) 7:4
- (b) 11:8
- (c) 8:11
- (d) 9:10
- (e) 10:9

Q16. In city A, 40% of hotels are booked by couples and 60% are booked by single people. In city B, 50% of hotels are booked by couples and 50% are booked by single people. Find the ratio of total booked hotels in city A to that of in city B.

- (a) 59%
- (b) 47%
- (c) 51%
- (d) 43%
- (e) 39%

Q17. Area of rectangle is 72 cm^2 and length of the rectangle is 26 cm. Radius of cylinder is six cm more than breadth of the rectangle and curved surface area of the cylinder is 3168 cm^2 , then find the height of the cylinder (in cm).

- (a) 9
- (b) 16
- (c) 18
- (d) 24
- (e) 15

Q18. Vessel A contains mixture of milk and water in the ratio of 2:3 respectively. When 30 liters of mixture taken out and 3 liters of water is added into remaining mixture, then the ratio of milk to water in the resultant mixture becomes 3:5. Find the quantity of water in the mixture initially.

- (a) 75 liters
- (b) 30 liters
- (c) 45 liters
- (d) 60 liters
- (e) 15 liters

Q19. X meters long train can cross an 80 meters long bridge in five seconds. If the train can cross a tree in three seconds, then find the time taken by train to cross 50 meters long platform (in seconds).

- (a) 3.35
- (b) 6.80
- (c) 5.5
- (d) 3.75
- (e) 4.25

Q20. Pipe P alone and pipe Q alone can fill the tank in 12 minutes & 15 minutes respectively. The ratio of efficiency of pipes P and Q together to that of pipes R alone is 9:2 respectively. Find the time taken by Q and R together to fill the same tank.

- (a) 12 min.
- (b) 8 min.
- (c) 9 min.
- (d) 10 min.
- (e) 15 min.

Directions (Q21-Q23) : In each question, four words are given, which are not arranged in the correct order. The words are given in a box. You have to arrange them contextually and in the correct order.

Q21. Despite **exhausted** (B) and **needed** (D) to cook a hearty meal, I **motivation** (A) and **needed** (C) to cook a hearty meal, I

- (a) Only (A)
- (b) Only (C)
- (c) Both (A) and (B)-(D)
- (d) Both (A) and (B)-(C)
- (e) No replacement needed

Q22. The sun **green** (D) green field **the brightly** (A) and **the brightly** (C) green field **the brightly** (B) green field **the brightly** (D) green field

- (a) Only (A)
- (b) Only (C)
- (c) Both (A)-(C) and (B)-(D)
- (d) Both (A)-(D) and (B)-(C)
- (e) No replacement needed

Q23. After **studying** (A) for several hours, she **decided** (B) to **take** (C) a break and go for a walk in the park to **clear** (D) her mind.

- (a) Only (A)-(B)
- (b) Only (C)-(D)
- (c) Both (A)-(C) and (B)-(D)
- (d) Both (A)-(D) and (B)-(C)
- (e) No replacement needed

Directions (24-25): In each of the following questions, four sentences are given in which only one has no error. Choose the correct statement as your answer choice. If all the sentences are correct, choose "All are correct" as your answer choice.

Q24.

- (a) He showed remarkable endurance throughout his illness.
- (b) Until the accident, the ship was considered indestructible.
- (c) Imagination is the ability of making up pictures in your mind.
- (d) I'm immune to smallpox as a result in vaccination.
- (e) All are correct

Q25.

- (a) The decision was final.
- (b) It is desirable to have a plan.
- (c) John not only was a good student but also a good athlete.
- (d) He is, by all accounts, a very capable man.
- (e) All are correct

Directions (26-27): In each of the following sentences, four words are given in bold in which one has an error. Choose the incorrect word as your answer choice. If all the words are correct, choose "No error" as your answer choice.

Q26. There

- (a) atrocity
- (b) scarcity
- (c) calamity
- (d) bolster
- (e) charity

Q27. She has

- (a) gruesome
- (b) erratic
- (c) judicial
- (d) pragmatic
- (e) tactful

Directions (28-29): In each of the following sentences, four words are given in bold in which one is misspelt. Choose the incorrect word as your answer choice. If all the given words are correct choose "No error".

Q28. Love is something **eternal**; the **espect** may **change**, but not the **essence**.

- (a) eternal
- (b) espect
- (c) change
- (d) essence
- (e) No error

Q29. The **regulator** announced in early December that it would **launch** an **inquiry** into funds using **illicit** methods to increase performance.

- (a) regulator
- (b) launch
- (c) inquiry
- (d) illicit
- (e) No Error

Directions (30): In the following questions two columns are given containing three sentences/phrases each. In first column, sentences/phrases are A, B, and C and in the second column, the sentences/phrases are D, E and F. From the combinations of the sentences/phrases in the second column, you may or may not choose the one which is grammatically correct and makes sense. You have to make a choice from the four options given, out of which only one is grammatically correct and makes sense. Choose the correct option and write the letter of the option in the space provided after the question number.

Q30. Column (I)

- (A) The court
- (B) These
- (C) Chandni

Column (II)

- (D) of a pool
- (E) network
- (F) where the
- (a) C-F and
- (b) A-E and
- (c) B-D and
- (d) A-F and
- (e) None of



Solutions

S1. Ans.(e)

Sol. Final arrangement is here:

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

Clues: A's floor is same as the number of persons below him.

Inference: A is on floor 6.

Floors	Case 1	Case 2
	Persons	Persons
8		
7		G
6	A	D
5		
4		
3	G	
2	D	A
1		

Clues: The difference between the floor numbers of F and B is 4. H is on floor 5.

Inference: F is on floor 8 and B is on floor 4.

Floors	Case 1	Case 2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1		

Clue: E and

Inference: From the above clue, case 2 gets eliminated here, because no place for E.

Floors	Case 1	Case 2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1	E	

Inference: Only C is left, after placing C, the final arrangement is:

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

E live on first floor

S2. Ans.(b)

Sol. Final arrangement is here:

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

Clues: A's floor is the same as the number of people who live below H's floor.
Inference: A must live on floor 5, because only 4 people live below H's floor.

Floors	Case 1	Case 2
	Persons	Persons
8		
7		G
6	A	D
5		
4		
3	G	
2	D	A
1		

Clues: The number of people who live below H's floor is the same as the number of people who live above H's floor.

Inference: A must live on floor 5.

Floors	Case 1	Case 2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1		

Clue: E and A do not live on adjacent floors.

Inference: From the above clue, case 2 gets eliminated here, because no place for E.

Floors	Case 1	Case 2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1	E	

Inference: Only C is left, after placing C, the final arrangement is:

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

Four persons

S3. Ans.(c)

Sol. Final arrangement

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

Clues: A's floor number is same as the number of persons living above C.

Inference: In both cases,

Floors	Case 1	Case 2
	Persons	Persons
8		
7		G
6	A	D
5		
4		
3	G	
2	D	A
1		

Clues: The difference between the floor numbers of F and B is 4. B's floor is immediately below H's floor.

Inference: Above clues are arranged in both the cases:

Floors	Case 1	Case 2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1		

Clue: E and A do not live on adjacent floors.

Inference: From the above clue, case 2 gets eliminated here, because no place for E.

Floors	Case 1	Case-2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1	E	

Inference: Case 2 is eliminated. Final arrangement

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

More than four persons live above G.

S4. Ans.(d)

Sol. Final arrangement

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

Clues: A's floor number is a multiple of 2. The number of persons living above G is the same as the number of persons living below A. G's floor is just above D's floor.

Inference: From the above clues, we have two possible cases here:

Floors	Case 1	Case 2
	Persons	Persons
8		
7		G
6	A	D
5		
4		
3	G	
2	D	A
1		

Clues: The difference between the floor numbers of F and B is 4. B's floor is immediately below H's floor.

Inference: A

Floors	Case 1	Case 2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1		

Clue: E and C live on the same floor.

Inference: Case 2 gets eliminated. Case 1 is the correct arrangement. Place for E.

Floors	Case 1	Case-2
	Persons	Persons
8	F	F
7		G
6	A	D
5	H	H
4	B	B
3	G	
2	D	A
1	E	

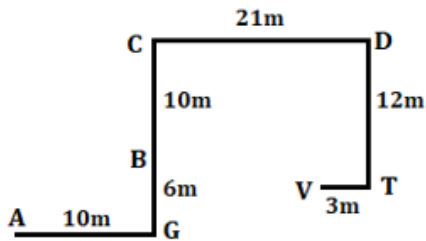
Inference: Only C is left, after placing C, the final arrangement is:

Floors	Persons
8	F
7	C
6	A
5	H
4	B
3	G
2	D
1	E

C lives on 7th floor

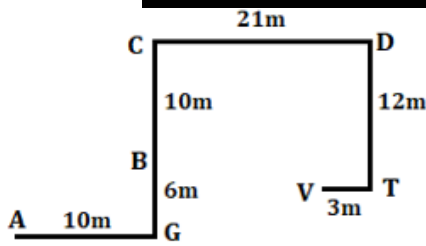
S5. Ans.(b)

Sol.



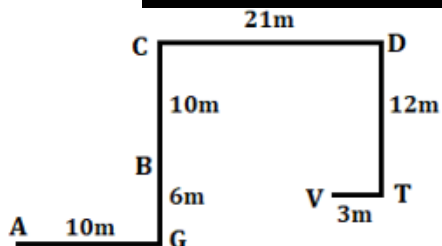
S6. Ans.(e)

Sol.



S7. Ans.(b)

Sol.



S8. Ans.(d)

Sol.

I. $H > Y$ (False)

II. $I \leq A$ (False)

S9. Ans.(e)

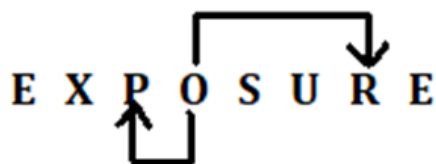
Sol.

I. $B > V$ (True)

II. $J > C$ (True)

S10. Ans.(c)

Sol. Two pairs



S11. Ans (b)

Sol. $\frac{20}{100} \times 450 = ? \times ? + 3 \times 3$

$90 - 9 = ? \times ?$

$81 = ? \times ?$

$9 = ?$

S12. Ans (a)

Sol. $21^2 + \frac{1}{5} \times 950.22 = \sqrt{?} + (31 \times 20)$

$441 + 190 = \sqrt{?} + 620$

$11 = \sqrt{?}$

$121 = ?$

S13. Ans (e)

Sol. $\sqrt[3]{2197}$

$13 + 5 = ? \times$

$\frac{18}{6} = ?$

$3 = ?$

Sol. (14-16)

Hotels booked

Hotels vacant

Similarly

Cities	Total hotels	Booked Hotels	Vacant Hotels
A	800	480	320
B	680	510	170
C	750	600	150
D	1020	510	510

S14. Ans (d)

Sol. Total vacant

Required difference = $660 - 480 = 180$

S15. Ans (e)

Sol. Vacant hotels in city X = $150 \times 3 - 30 = 420$

Booked hotels in city X = $\frac{480}{8} \times 5 = 300$

Required ratio = $800 : (420 + 300) = 800 : 720 = 10 : 9$

S16. Ans (c)

Sol. Booked hotels by single people = $510 \times \frac{100-40}{100} = 306$

Required percentage = $\frac{306}{600} \times 100 = 51\%$

S17. Ans (c)

Sol. Breadth of the rectangle = $\frac{572}{26} = 22$ cm

Radius of the cylinder = $22 + 6 = 28$ cm

Let the height of the cylinder be h cm

ATQ,

$$2 \times \frac{22}{7} \times 28 \times h = 3168$$

$$h = 18$$

S18. Ans.(c)

Sol. Let quantity

ATQ,

$$2x - 30 \times \frac{3}{5}$$

$$3x - 30 \times \frac{3}{5}$$

$$2x - 12$$

$$3x - 18 + 3$$

$$10x - 60 =$$

$$x = 15$$

Required value

S19. Ans.(e)

Sol. Let speed

ATQ,

$$\frac{x + 80}{s} = 5$$

$$\frac{x + 80}{5} = s$$

And

$$\frac{x}{s} = 3$$

$$\frac{x}{3} = s \dots (ii)$$

From (i) & (ii)

$$\frac{x + 80}{5} = \frac{x}{3}$$

$$3x + 240 = 5x$$

$$240 = 2x$$

$$120 = x$$

$$\text{Speed of the train} = \frac{120}{3} = 40 \text{ m/sec}$$

$$\text{Required time} = \frac{120 + 50}{40} = 4.25 \text{ seconds}$$



S20. Ans.(d)

Sol. Total capacity of a tank (L.C.M (12 & 15)) = 60 units

Efficiency of pipe P = $\frac{60}{12} = 5 \text{ units/min}$

Efficiency of pipe Q = $\frac{60}{15} = 4 \text{ units/min}$

Efficiency of pipe R = $9 \times \frac{2}{9} = 2 \text{ unit/min}$

Required time = $\frac{60}{(4+2)} = 10 \text{ min.}$

S21. Ans (b)

Sol. The replacement needed to make the sentence grammatically and contextually correct is between the words 'replaced' and 'the fact that'. The correct sentence is "I was feeling exhausted by the fact that I was feeling no energy and motivation to do anything."

S22. Ans (c)

Sol. The replacement needed to make the sentence grammatically and contextually correct are between the words 'The sun' and 'blue sky, casting a shadow on the green fields.' The correct sentence is "The sun was shining brightly, casting a shadow on the green fields."

S23. Ans (e)

Sol. All the blank spaces should be filled with the word 'placed'.

S24. Ans (b)

Sol. The correct replacement needed to make the sentence grammatically and contextually correct is between the words 'In sentence (a)' and 'object'. The correct sentence is "In sentence (a), the word 'object' is used to refer to a place or object."

In sentence (b), the correct replacement needed to make the sentence grammatically and contextually correct is between the words 'In sentence (c)' and 'mind'. The correct sentence is "In sentence (c), the word 'mind' is used to refer to the fact of being able to do something."

In sentence (d), the correct replacement needed to make the sentence grammatically and contextually correct is between the words 'In sentence (e)' and 'produced by'. The correct sentence is "In sentence (e), the word 'produced by' is used to refer to the fact of being caused or produced by."

S25. Ans (d)

Sol. The correct statement is sentence (d).

In sentence (a), 'rest' should be 'rests' as 'decision' is a singular noun thus, must be accompanied by a singular verb.

In sentence (b), 'reduce' must be 'reduced' as after the verb 'be' third form of the verb is used.

In sentence (c), 'Not only' and 'but also' should always be placed near to the words which it is modifying, thus, the word 'works' should be placed prior to 'not only' to form a correct sentence.

S26. Ans (b)

Sol. The word best suited for the given blank is "scarcity".

Atrocity: an extremely wicked or cruel act

Scarcity: the state of being scarce or in short supply; shortage

Calamity: an event causing great and often sudden damage or distress; a disaster.

Bolster: a long, thick pillow that is placed under other pillows for support.

Charity: an organization set up to provide help and raise money for those in need.

S27. Ans (b)

Sol. The word best suited for the given blank is 'erratic'.

Gruesome: causing repulsion or horror; grisly.

Erratic: not even or regular in pattern or movement; unpredictable

Judicial: involving a law court

Pragmatic: dealing with things sensibly and realistically

Tactful: having good sense and skill in dealing with others in a sensitive and skillful way. S.

S28. Ans (b)

Sol. 'espect

S29. Ans (e)

Sol. All the h

S30. Ans. (b)

Sol. The me... y join... A-E... will be, "The
country has... inde... ent bo...
"Chandni Ch... pool in the dense

