

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 which of the following floor?

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

Q2. How many persons live between F and G?

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

Q3. Which of the following statement is correct?

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

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 pint 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.

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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 D with respect to point G?

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

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

Statements: $E \geq I < O = U > Y \leq A \geq D < H = L$

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 element 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. 19.98% of $450.1 = ? \times ? + 3.03 \times 2.91$

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

Q12. $21.19^2 + \frac{1}{5}$ of $950.22 = \sqrt{?} + (31.2 \times 19.99)$

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

Q13. $\sqrt[3]{2197.12} + 5.02 = ? \times 6.02$

- (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 D, 40% of the hotels were booked by couples and the remaining hotels were booked by single people. The total number of hotels booked by single people is what percentage of total booked hotels in city C?

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

Q17. Area of a rectangle is 572 cm^2 and length of the rectangle is 26 cm. If radius of a 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 (21-23): In each of the questions four words are given in bold which are not arranged in the correct order. Choose the replacement needed to make the sentence grammatically and contextually correct.

Q21. Despite (A)the fact that I was feeling **exhausted** (B)and overwhelmed after a long day at work, I **motivation** (C)up the energy and **mustered** (D)to cook a healthy and delicious meal.

- (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

Q22. The sun was casting (A) **lush** (B)in the clear blue sky, **shining** (C)a warm glow over the **brightly** (D)green fields.

- (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

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 ultimately rest with the council.
- (b) It is desirable that interest rates should be reduce.
- (c) John not only works quickly but also efficiently.
- (d) He is, by implication, requesting me to resign.
- (e) All are correct

Directions (26-27): In each of the following sentences, a word is missing and replaced by a blank. Choose the best word from the given options that can fit into the sentence without altering the intended meaning.

Q26. There is a great _____ of food in the drought-stricken areas.

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

Q27. She had learnt to live with his sudden changes of mood and _____ behavior.

- (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. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column to make a grammatically and contextually correct sentence. Each question has five options, four of which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. If none of the options given forms a correct sentence after combination, mark (e), i.e. "None of these" as your answer.

Q30. Column(I)

- (A) The country has one of the densest
- (B) These snippets from the pages of
- (C) Chandni Chowk got its name because

Column (II)

- (D) of a pool in the densely populated market
- (E) networks of independent bookstores.
- (F) where the National Flag is hoisted.

- (a) C-F and B-E
- (b) A-E and C-D
- (c) B-D and C-E
- (d) A-F and B-D
- (e) None of these

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 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: 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: 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 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: 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: 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 live between F and G

S3. Ans.(c)

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 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: 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: 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

More than four persons live between E and C.

S4. Ans.(d)

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 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: 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	

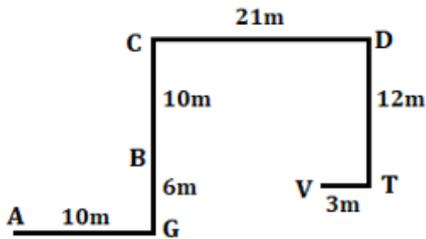
Inference: Only C is left, after placing C, the final arrangement is:

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

C lives on 7th floor

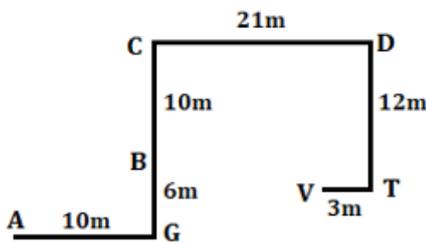
S5. Ans.(b)

Sol.



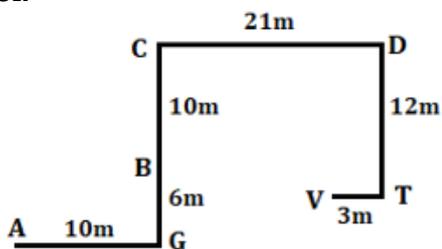
S6. Ans.(e)

Sol.



S7. Ans.(b)

Sol.



S8. Ans.(d)

Sol.

I. $H > Y$ (False)

II. $I \leq A$ (False)

S9. Ans.(e)

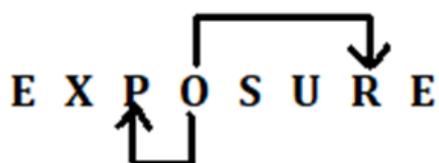
Sol.

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. $\sqrt[3]{2197} + 5 = ? \times 6$

$13 + 5 = ? \times 6$

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

$3 = ?$

Sol. (14-16): In city A, Total hotels = 800

Hotels booked = $800 \times \frac{60}{100} = 480$

Hotels vacant = $800 - 480 = 320$

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 hotels in city C and D = $150 + 510 = 660$

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 of milk to water in the vessel is $2x$ & $3x$ respectively

ATQ,

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

$$\frac{2x - 12}{3x - 18 + 3} = \frac{3}{5}$$

$$10x - 60 = 9x - 45$$

$$x = 15$$

$$\text{Required value} = 3x = 3 \times 15 = 45 \text{ liters}$$

S19. Ans.(e)

Sol. Let speed of the train be ' s ' m/sec

ATQ,

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

$$\frac{x + 80}{5} = s \dots (i)$$

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 'motivation' and 'mustered'. Thus, the correct sentence formed will be, "Despite the fact that I was feeling exhausted and overwhelmed after a long day at work, I mustered up the energy and motivation to cook a healthy and delicious meal"

S22. Ans (c)

Sol. The replacements needed to make the sentence grammatically and contextually correct are between the words 'casting and shining and 'lush' and 'brightly'. Thus, the correct sentence formed will be, "The sun was shining brightly in the clear blue sky, casting a warm glow over the lush green fields."

S23. Ans (e)

Sol. All the highlighted words are correctly placed.

S24. Ans (b)

Sol. The correct statement is sentence (b).

In sentence (a), 'thoroughout' must be changed to 'throughout' which means in every part of a place or object.

In sentence (c), the correct statement will be, "Imagination is the ability to make up pictures in your mind". When ability means 'the fact of being able to do something', it is followed by an infinitive. It is never used in the pattern 'the ability of doing something'.

In statement (d), 'in' preposition must be replaced with 'of', 'result of' means a thing that is caused or produced by. 'result in' means 'the outcome of something'.

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 or showing skill and sensitivity in dealing with others or with difficult issues.

S28. Ans (b)

Sol. 'espect' is wrongly spelt here, the correct spelling is **aspect**

S29. Ans (e)

Sol. All the highlighted words are correct.

S30. Ans. (b)

Sol. The meaningful sentences formed are by joining A-E and C-D. The sentences formed will be, "The country has one of the densest networks of independent bookstores."

"Chandni Chowk got its name because of a pool in the densely populated market"