Questions Asked in IBPS Clerk Prelims Exam 12th December 2021
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Direction (1-5): In the following number series, only one number is wrong. Find out the wrong number.

1. 100, 101, 126, 207, 376, 660, 1106
A. 660
B. 1106
C. 376
D. 101
E. 207
Ans. A
Sol.
The pattern of the series is:
$100 + 1^2 = 101$
$101 + 5^2 = 126$
$126 + 9^2 = 207$
$207 + 13^2 = 376$
$376 + 17^2 = 665$
$665 + 21^2 = 1106$
Hence, the wrong number is 660.

2. 100, 125, 143, 169, 198, 230, 265
A. 198
B. 230
C. 265
D. 143
E. 125
Ans. E
Sol.
The pattern of the series is:
$100 + 20 = 120$
$120 + 23 = 143$
$143 + 26 = 169$
$169 + 29 = 198$
$198 + 32 = 230$
$230 + 35 = 265$
The pattern for the differences is:
$20 + 3 = 23$
$23 + 3 = 26$
$26 + 3 = 29$
$29 + 3 = 32$
$32 + 3 = 35$
Hence, the wrong number is 125.

3. 1, 1.5, 3, 7.5, 22.5, 75, 315
A. 3
B. 1.5
C. 75
D. 22.5
E. 315
Ans. C
Sol.
The pattern of the series is:
$1 \times 1.5 = 1.5$
$1.5 \times 2 = 3$
$3 \times 2.5 = 7.5$
$7.5 \times 3 = 22.5$
$22.5 \times 3.5 = 78.75$
$78.75 \times 4 = 315$
Hence, the wrong number is 75.

4. 4, 8, 24, 96, 485, 2880, 20160
A. 8
B. 485
C. 2880
D. 20160
E. 96
Ans. B
Sol.
The pattern of the series is:
$4 \times 2 = 8$
$8 \times 3 = 24$
$24 \times 4 = 96$
$96 \times 5 = 480$
$480 \times 6 = 2880$
$2880 \times 7 = 20160$
Hence, the wrong number is 485.

5. 150, 900, 300, 1800, 600, 3700, 1200
A. 1200
B. 900
C. 3700
D. 150
E. 600
Ans. C
Sol.
The pattern of the series is:

150 × 6 = 900
900 ÷ 3 = 300
300 × 6 = 1800
1800 ÷ 3 = 600
600 × 6 = 3600
3600 ÷ 3 = 1200
Hence, the wrong number is 3700.

6. In a rectangle, the ratio of length and breadth is 3 : 2 and its perimeter is 240 cm, then what the area of the rectangle?
A. 1440 cm²
B. 1728 cm²
C. 2688 cm²
D. 2880 cm²
E. 3456 cm²

Answer: E

Solution:
Let the length of the rectangle be 3x cm, then its breadth is 2x cm, then
Perimeter = 2(3x + 2x)
⇒ 240 = 10x
⇒ x = 24
Hence, the area of the rectangle = 3x × 2x = 6x² = 6 × 24² = 3456 cm².

7. N worker can complete a piece of work in 50 days. When 5 more workers joined, then the work got completed in 40 days, then what is the value of N?
A. 10
B. 15
C. 20
D. 25
E. 30

Answer: C

Solution:
As we know, $M_1 \times D_1 = M_2 \times D_2$

Where, M = Number of men and D = Number of days
N × 50 = (N + 5) × 40
⇒ 5N = 4N + 20
⇒ N = 20
Hence, the value of N = 20.

8. A train crosses a pole in 36 seconds and a platform in 52 seconds. If the speed of the train is 54 km/hr, then what is the length of the platform?
A. 240 m
B. 360 m
C. 320 m
D. 280 m
E. None of these
Ans. A
Solution:
Let the Length of train train be L meter and length of platform be P meter.
Speed of train = 54 km/h = 54 × $\frac{5}{18}$ = 15 m/s
Here, $\frac{L}{15}$ = 36
⇒ L = 540 m
Also, $\frac{540 + P}{15}$ = 52
⇒ 540 + P = 780
⇒ P = 240

9. A and B started a business in partnership by investing the capital of Rs. 35000 and Rs. 40000 respectively. After six months, C also joined them with some capital. If at the end of the year, the profit share of C is Rs. 8000 out of the total profit of Rs. 23000, then find the amount invested by C.
A. Rs. 40000
B. Rs. 64000
C. Rs. 80000
D. Rs. 96000
E. None of these
Ans. C
Solution:

Let the invetment of C be Rs. X.
Ratio of profits of A, B and C = 35000
× 12 : 40000 × 12 : X × 6
= 70000 : 80000 : X
According to question,
$\frac{X}{70000 + 80000 + X} = \frac{8}{23}$
⇒ 23X = 8X + 150000 × 8
⇒ 15X = 150000 × 8
⇒ X = 80000

10. An article is sold for Rs. 480 at 20% loss. If this article was sold at 12.5% profit, what would have been its selling price?
A. Rs. 450
B. Rs. 540
C. Rs. 600
D. Rs. 675
E. None of these

Ans. D
Solution:
Given, SP = Rs. 480, Loss% = 20%, then
CP = $\frac{SP}{\left(1 - \frac{loss\%}{100}\right)} = \frac{480}{\left(1 - \frac{20}{100}\right)} = \frac{480}{0.8}$ = Rs. 600
Hence, the required selling price = CP × $\left(1 + \frac{profit\%}{100}\right)$ = 600 × $\left(1 + \frac{12.5}{100}\right)$ = Rs. 675

Direction: Read the following sentence to find out if there is any error in it. The sentence is divided into four parts. The option containing the part of the sentence containing an error, is the answer. If the given sentence is correct as it is, mark E, i.e., 'No error' as the answer. Ignore the errors of punctuation if any.

1. The local leader said, (1)/ "Our plan to make (2)/ this city a safer place (3)/ for everyone." (4)
A. 1
B. 2
C. 3
D. 4
E. No error
Answer: B
Solution: The error is in the second part of the sentence. An auxiliary verb is missing and we need a verb to make the sentence correct. Thus, we need to add 'is' after 'plan' to make the sentence correct. Option B is the correct answer.

2. The entire stretch of (1)/ the road was paved (2)/ by the labourers, (3)/ beneath a span of a week. (4)
A. 1
B. 2
C. 3
D. 4
E. No error
Answer: D
Solution: The error is in the fourth part of the sentence. In order to indicate a span of time, we use 'over'. Thus, to make the sentence correct, we need to exchange 'beneath' to 'over'.
Option D is the correct answer.

3. After getting diagnosed (1)/ with dengue, Abhishek (2)/ was admitted of (3)/ the local hospital. (4)
A. 1
B. 2
C. 3
D. 4
E. No error
Answer: C
Solution: The correct preposition for 'admitted' is 'to' and not 'of'. Thus, to make the sentence correct, we need to change 'of' to 'to'. Thus, option C is the correct answer.

Direction (4-5): A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

4. Even though the movie was extremely boring, the audience must give credit where credit is _____.
A. Growth
B. Due
C. Inspired
D. Confused
E. Tender
Answer: B
Solution: We need a word which indicates "owed or owing as a natural or moral right of something". In this case, the movie. Thus, out of all the options, only 'due' can fit in the blank correctly.
Option B is the correct answer.

5. Even in the golden age of the country, a _____of dissatisfaction loomed large.
A. Narrate
B. Narrative

C. Narrating
D. Narrates
E. Nurture
Answer: B
Solution: Before the blank, there is an article 'a'. An article is always followed by a noun or a pronoun. Thus, out of all the options, option B is the correct choice.

Direction (6-7): In the given question, five words are printed in bold and are numbered A, B, C, D and E. The positions of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged. In case the given sentence is correct, your answer is (E), i.e. 'No exchange required'.

6. The school decided to **development (A)** an all-round **integrate (B)** programme within its **curriculum (C)** to **ensure (D)** the physical **fitness (E)** of students.
A. A-B
B. A-C
C. A-D
D. B-E
E. No exchange required
Answer: A.
Solution:
The correct answer is option A.
A verb in the base form is required at position A to denote what the school has decided to do, and a noun is required at position B to complete the name of the initiative. Since we have a verb, 'integrate' at position B and a noun, 'development', at position A, exchanging the two will make the sentence grammatically and contextually correct. Thus, the new

sentence will be: 'The school decided to integrate an all-round development programme within its curriculum to ensure the physical fitness of students.'

7. The **inquiry (A)** led to the **interesting (B)** of some **unearthing (C)** details about the **social (D)** life of the **millionaire**. **(E)**
A. A-C
B. B-D
C. B-C
D. B-E
E. No exchange required
Answer: C.
Solution:
The correct answer is option C.
An adjective is required at position C to qualify the following noun, 'details'. A verb is required at position A to denote the culmination of the enquiry. Since we have an adjective at position B and a verb at position C, exchanging the two will make the sentence grammatically and contextually correct. Thus, the new sentence will be: "The inquiry led to the unearthing of some interesting details about the social life of the millionaire."

Direction (8): In the following question, three statements have been given, and a word has been highlighted in each of them which may be the synonym or antonym of the word given in bold. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

8. Post
I. Despite facing numerous hardships, the tunnel guard refused to leave his **post** on the cold winter night.

II. The hostel has recently started a strict 'no lights **post** 9 p.m.' rule to ensure that the students don't go to school in the morning exhausted.

III. He had a sudden crisis where he felt that all his achievements were in the **post**, and he had already accomplished all that he would in this life.

A. Only I

B. Both I and II

C. Both II and III

D. Only III

E. All I, II, and III

Answer: B.

Solution:

The correct answer is option B.

The word 'post' has the following meanings:

I. a job in a company or organization. (as used in statement I)

II. after or later than (as used in statement II)

A more appropriate word for statement III will be 'past' to refer to a period of time before and until the present.

Direction (9-10): In the following question, a sentence with four words printed in bold is given. These words are numbered as (1), (2), (3) and (4). One of these four words may either be misspelt or inappropriate in the context of the sentence. Find out the word(s) that is wrongly spelt or inappropriate and mark the relevant option as your answer. If all the words printed in bold are correct, mark option (E), i.e. 'All are correct', as the answer.

9. The **enttire (1)** school had **gathered (2)** on the **field (3)** for morning prayers when a student **suddenly (4)** started shooting a gun.

A. 1

B. 2

C. 3

D. 4

E. All are correct

Answer: A.

Solution:

The correct answer is option A.

'Entire' has been misspelled as 'enttire' at the first position.

10. The community **inisiative (1)** to organise night **watches (2)** was **applauded (3)** by the mayor, who **rewarded (4)** them with an amount of $5000.

A. 1

B. 2

C. 3

D. 4

E. All are correct

Answer: A.

Solution:

The correct answer is option A.

'Initiative' has been misspelled as 'inisiative' at the first position.

1.

Direction: Study the following information carefully and answer the questions given below.
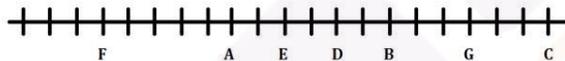
Certain numbers of people are sitting in a row facing north. Three people sit between D and A . E sits second to the right of A . Number of people sitting between E and D is the same as the number of people sitting between D and B . G sits third to the right of B . Two people sit between G and C . C sits at one of the extreme ends. Six people sit between F and E . Number of people sitting to the right of G is the same as the number of people sitting to the left of F.
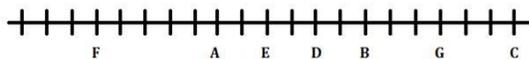How many people are sitting in the row?
A. 20
B. 13
C. 21
D. 15

Ans. C
Sol.

F   A   E   D   B   G   C

2.How many people sit between G and E?
A. Six
B. Three
C. One
D. None

Ans. A
Sol.

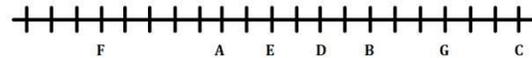F   A   E   D   B   G   C

3.Who sits fifth to the right of F?
A. D

B. A
C. E
D. B

Ans. B
Sol.

F   A   E   D   B   G   C

4.If in the given word **OBLIQUE** each of the vowels is changed to the next letter and each consonant is changed to the previous letter then they are arranged alphabetically from the left to the right then which of the following will be the fifth letter from the left?
A. F
B. K
C. P
D. A

Ans. C
Sol.

O B L I Q U E
+1 -1 -1 +1 -1 +1 +1
P A K J P V F

A F J K P P V

5.How many such pairs of letters are there in the word **SIDEWAY** each of which has as many letters between them in the word in both forward and backward directions as in the English alphabet?
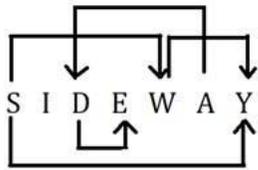A. Two
B. Three
C. Four
D. More than four

Ans. D

Sol.
Given word – SIDEWAY

.

6.

Direction: Study the following data carefully and answer the questions accordingly.

There are eight people i.e. A, B, C, D, E, F, G and H living in a four storey building. The ground floor is numbered as 1, floor just above it numbered as 2 and so on till the top floor is numbered as 4 . Each of the floors has 2 flats as flat-P and flat-Q. Flat-P is to the west of flat-Q. Flat-P of floor 2 is immediately above flat-P of floor 1 and immediately below flat-P of floor 3 and so on.C lives in flat Q on an even numbered floor. There is one floor between C and H. H and C live in the same flat. G and H live on the same floor. B lives below G. F lives to the east of B . A lives just below F but on a different flat. D lives to the west of E . Who lives on the same floor with A?
A. D
B. F
C. B
D. C

Ans. D
Sol.

Flat & Floor	P	Q
4	G	H
3	B	F
2	A	C
1	D	E

7.Who among the following lives two floors below B?
A. D
B. A
C. H
D. C

Ans. A
Sol.

Flat & Floor	P	Q
4	G	H
3	B	F
2	A	C
1	D	E

8.Who lives in flat Q on the bottom floor?
A. F
B. E
C. D
D. B

Ans. B
Sol.

Flat & Floor	P	Q
4	G	H
3	B	F
2	A	C
1	D	E

Flat & Floor	P	Q
4	G	H
3	B	F
2	A	C
1	D	E

9.Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?
A. G
B. C
C. B
D. A

Ans. B
Sol.

Flat & Floor	P	Q
4	G	H
3	B	F
2	A	C
1	D	E

10.Who lives to the north west of F?
A. G
B. A
C. B
D. E

Ans. A
Sol.