



Conducted by SSC



**AGRAWAL
EXAMCART**

Paper Pakka Fasega!

SSC CGL

COMBINED GRADUATE LEVEL

TIER-II

Have you
mastered all
the topics?

Solve these unique
questions to precisely
evaluate your
preparation.

5400+

Chapter-Wise

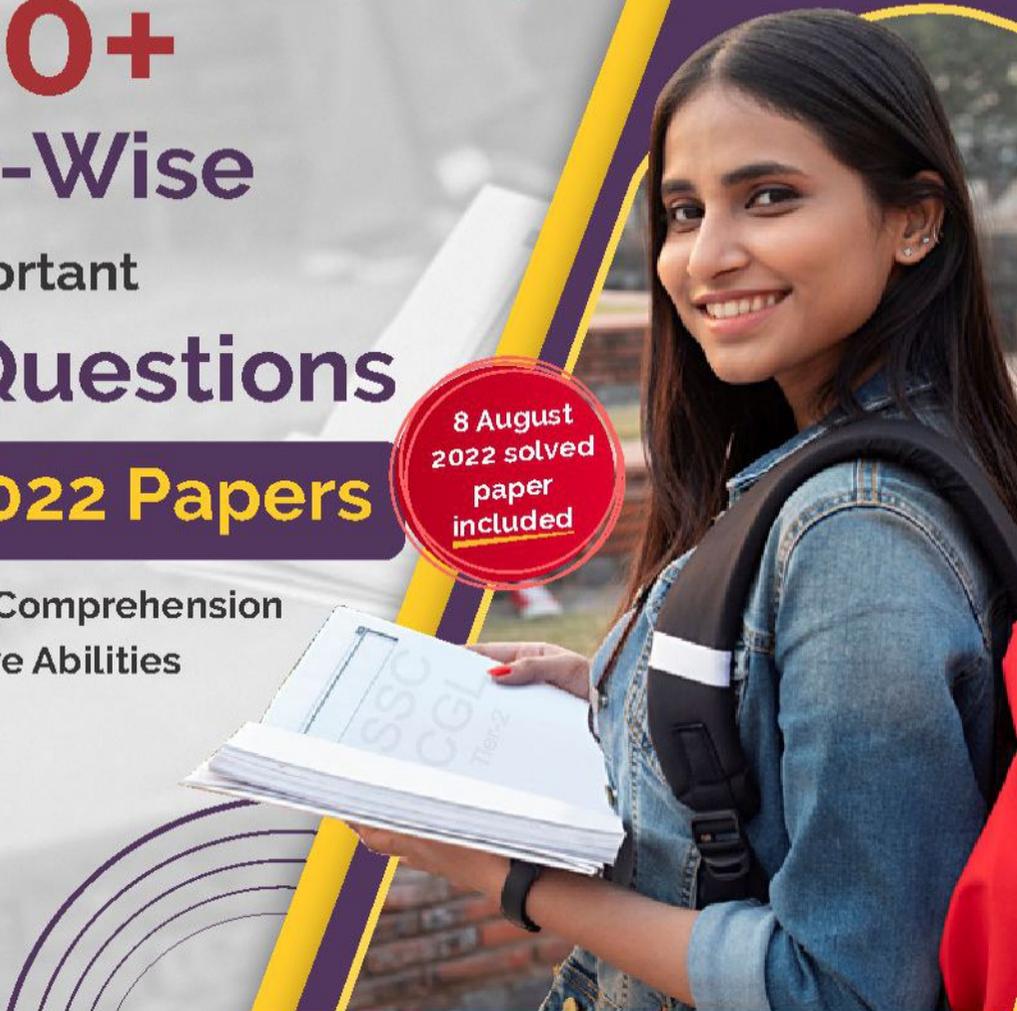
Very Important

Objective Questions

From 2010–2022 Papers

English Language & Comprehension
and Quantitative Abilities

8 August
2022 solved
paper
included



Code
CB1135

Price
₹ 699

Pages
718

ISBN
978-93-5561-036-2

Content

Page No.

Exam Information, Preparation Strategy and Current Affairs	
⊙ Agrawal Examcart Help Centre	v
⊙ Student's Corner	vi
⊙ SSC CGL (Tier-II) Analytical Chart	vii
⊙ SSC CGL (Tier-II) Solved Paper List	x
⊙ SSC CGL (Tier-II) Syllabus and Exam Pattern	xi
Chapter Wise Solved Papers	
1. SSC CGL (Tier-II) CBE Exam Mathematics Solved Paper (08-08-2022)	1-15
2. SSC CGL (Tier-II) CBE Exam English Solved Paper (08-08-2022)	1-23
Mathematics	
	1-388
1. Number System	1-9
2. LCM & HCF	10-13
3. Square Root and Cube Root	14-19
4. Surds and Indices	20-25
5. Fractions and Decimal Numbers	26-31
6. Simplification	32-40
7. Average	41-51
8. Ratio and Proportion	52-65
9. Questions Related to Age	66-68
10. Percentage	69-82
11. Profit-Loss and Discount	83-108
12. Partnership	109-114
13. Mixture and Alligation	115-121
14. Time and Work	122-138
15. Pipe and Cistern	139-142
16. Simple Interest	143-147
17. Compound Interest	148-159
18. Speed, Distance and Time	160-168
19. Questions Related to Trains, Bus and Car	169-172
20. Questions Related to Boat and Stream	173-175
21. Data Interpretation & Statistics	176-198
22. Area of Plane Figures	199-209
23. Surface Area and Volume	210-245

	<i>Page No.</i>
24. Algebraic Expressions	246-266
25. Linear Equation	267-272
26. Quadratic Equation	273-275
27. Triangle	276-302
28. Quadrilateral	303-308
29. Polygon	309-313
30. Circles	314-337
31. Trigonometry	338-367
32. Height and Distance	368-379
33. Sequence and Series	380-382
34. Coordinate Geometry	383-387
35. Permutations & Combinations	388

English		1-288
1. Noun		1-4
2. Pronoun		5-7
3. Verb & Modals		8-12
4. Adjective		13-16
5. Adverb		17-18
6. Preposition		19-23
7. Conjunction		24-25
8. Non-Finite Verb (Infinitive, Gerund & Participle)		26-28
9. Syntax		29-31
10. Article		32-33
11. Time & Tense		34-37
12. Voice		38-69
13. Narration		70-114
14. Sentence Improvement		115-143
15. Synonyms		144-149
16. Antonyms		150-154
17. Idioms & Phrases/Proverbs		155-167
18. One Word Substitution		168-182
19. Spelling Test		183-186
20. Re-Arrangement of Words/Sentences		187-215
21. Cloze Test		216-237
22. Comprehension		238-288

Chapter 1

Number System

1. $5^{71} + 5^{72} + 5^{73} + 5^{74} + 5^{75}$ is divisible by which of the following number ?

(A) 71 (B) 69
(C) 89 (D) 73

[SSC CGL TIER-II CBE EXAM
03-02-2022 (I-Shift)]

1. (A) $5^{71} + 5^{72} + 5^{73} + 5^{74} + 5^{75}$

$$\Rightarrow 5^{71} (1 + 5 + 5^2 + 5^3 + 5^4)$$

$$\Rightarrow 5^{71} (6 + 25 + 125 + 625)$$

$$\Rightarrow 5^{71} \times 781$$

$$\Rightarrow 5^{71} \times 71 \times 11$$

Thus, from the given option, the given expression will be divisible by 71.

2. Let p, q, r and s be positive natural numbers having three exact factors including 1 and the number itself. If $q > p$ and both are two-digit numbers and $r > s$ and both are one-digit numbers, then the value of the expression $\frac{p-q-1}{r-s}$ is :

(A) $-s-1$ (B) $s-1$
(C) $1-s$ (D) $s+1$

[SSC CGL TIER-II CBE EXAM
03-02-2022 (I-Shift)]

2. (A) Two digits natural numbers with only 3 exact factors are = 25 and 49

As, $q > p$

Then $p = 25$

$q = 49$

One digit natural numbers with only 3 exact factors are = 4 and 9

As, $r > s$

Then $r = 9$

$s = 4$

$$\text{Now, } \frac{p-q-1}{r-s} = \frac{25-49-1}{9-4}$$

$$= -\frac{25}{5} = -5$$

$$\Rightarrow -5 = -4 - 1$$

$$= -s - 1$$

3. If a nine-digit number $789x6378y$ is divisible by 72, then the value of xy is :

(A) 10 (B) 12
(C) 8 (D) 15

[SSC CGL TIER-II CBE EXAM
03-02-2022 (I-Shift)]

3. (C) Number $789x6378y$ is given

For divisibility by 72, the number must be divisible by 9 and 8 both : as $72 = 9 \times 8$.

For divisibility by 8, the last 3 digits of number must be divisible by 8.

Here last 3 digits = $78y$

The possible value for $y = 4$, as 784 is divisible by 8.

Now, for divisibility by 9, the sum of digits of numbers must be divisible by 9.

$$\begin{aligned} \text{Sum of digits} &= 7 + 8 + 9 + x + 6 \\ &\quad + 3 + 7 + 8 + y \\ &= 48 + x + 4 \\ &= 52 + x \end{aligned}$$

Possible value for $x = 2$, as 54 is divisible by 9.

So, we have, $x = 2$ and $y = 4$

Then, $xy = 2 \times 4 = 8$

4. If the sum of two positive numbers is 65 and the square root of their product is 26, then the sum of their reciprocals is :

(A) $\frac{7}{52}$ (B) $\frac{5}{52}$

(C) $\frac{1}{52}$ (D) $\frac{3}{52}$

[SSC CGL TIER-II CBE EXAM
29-01-2022 (I-Shift)]

4. (B) Let the two positive numbers x and y

$$\therefore x + y = 65 \quad \dots(i)$$

$$\sqrt{xy} = 26$$

$$xy = 676 \quad \dots(ii)$$

$$\begin{aligned} \text{Required sum} &= \frac{1}{x} + \frac{1}{y} = \frac{x+y}{xy} \\ &= \frac{65}{676} = \frac{5}{52} \end{aligned}$$

5. Let $x = (433)^{24} - (377)^{38} + (166)^{54}$. What is the units digits of x ?

(A) 8 (B) 9
(C) 7 (D) 6

[SSC CGL TIER-II CBE EXAM
29-01-2022 (I-Shift)]

5. (A) $x = \text{Unit digit of } [(433)^{24} - (377)^{38} + (166)^{54}]$

= Unit digit of

$$[(433)^4]^6 - \{(377)^4\}^9 \times (377)^2 + \{(166)^4\}^{13} \times (166)^2]$$

= Unit digit of $[1 - 1 \times 9 + 6 \times 6]$

$$= -2$$

$$= 10 - 2 = 8$$

6. If a 10-digit number 75462A97B6 is divisible by 72, then the value of $\sqrt{8A-4B}$ is :

(A) $\sqrt{30}$ (B) $\sqrt{27}$

(C) $\sqrt{21}$ (D) $\sqrt{28}$

[SSC CGL TIER-II CBE EXAM
29-01-2022 (I-Shift)]

6. (D) Given that 10 digit number 75462A97B6

To be divisible by 72 number should be divisible by 8 and 9

To be divisible by 8,

last 3 digits should be divisible by 8

So 7B6 should be divisible by 8

it is possible when $B = 3$

To be divisible by 9,

sum of digits should be divisible by 9

\therefore sum of digits

$$= 7 + 5 + 4 + 6 + 2 + A + 9 + 7 + B + 6$$

$$= 46 + A + B$$

$$= 46 + A + 3$$

$$= 49 + A$$

To be divisible of

$(49 + A)$ by 9

$$A = 5$$

$$\therefore \sqrt{8A-4B} = \sqrt{8 \times 5 - 4 \times 3}$$

$$= \sqrt{40-12}$$

$$= \sqrt{28}$$

7. A divisor is 15 times the quotient and 3 times the remainder. If the remainder is 40, find the dividend.

(A) 900 (B) 750
(C) 1000 (D) 600

[SSC CGL TIER-II CBE EXAM
18-11-2020]

7. (C) Given that divisor = $15 \times$ quotient and divisor = $3 \times$ remainder

divisor = 3×40

divisor = 120

$$\therefore \text{Quotient} = \frac{120}{15} = 8$$

15. If a 10-digit number $5432y1749x$ is divisible by 72, then what is the value of $(5x - 4y)$?

- (A) 14 (B) 15
(C) 10 (D) 9

[SSC CGL TIER-II CBE EXAM
13-09-2019]

15. (A) As we know, by the divisibility rule of 72, a number is divisible by 72 if it is divisible by 8 and 9 both.
For divisibility by 8,
Number $49x$ must be divisible by 8.
For $x = 6$, $496 \div 8 = 62$
Also for, divisibility by 9,
Sum of digits = $41 + y$ must be divisible by 9.
For $y = 4$, $45 \div 9 = 5$
 $\therefore 5x - 4y = 5 \times 6 - 4 \times 4$
 $= 30 - 16 = 14$

16. What is the remainder when $(127^{97} + 97^{97})$ is divided by 32 ?

- (A) 4 (B) 2
(C) 7 (D) 0

[SSC CGL TIER-II CBE EXAM
13-09-2019]

16. (D) By divisibility rule,
 $(a + b)$ is a factor of $(a^n + b^n)$ if n is odd.
 \therefore One factor of $(127^{97} + 97^{97})$
 $= 127 + 97 = 224$ and $224 \div 32 = 7$
 \therefore Remainder = 0

17. Two positive numbers differ by 2001. When the larger number is divided by the smaller number, the quotient is 9 and the remainder is 41. The sum of the digits of the larger number is :

- (A) 15 (B) 11
(C) 10 (D) 14

[SSC CGL TIER-II CBE EXAM
13-09-2019]

17. (D) Let, the number be x and y where $x > y$.

$$\therefore x - y = 2001 \quad \dots(i)$$

Again,

$$\therefore x = 9y + 41$$

$$\Rightarrow x - 9y = 41$$

$$\Rightarrow 2001 + y - 9y = 41$$

From equation (i)

$$\Rightarrow 8y = 2001 - 41 = 1960$$

$$\Rightarrow y = \frac{1960}{8} = 245$$

$$\therefore x = 2001 + 245 = 2246$$

$$\therefore \text{Sum of digits} = 2 + 2 + 4 + 6 = 14$$

18. If the 11-digit number of $5678x43267y$ is divisible by 72, then the value of $\sqrt{5x + 8y}$ is :

- (A) 6 (B) 4
(C) 7 (D) 8

[SSC CGL TIER-II CBE EXAM
12-09-2019]

18. (A) **Divisibility rule of 72** : A number is exactly divisible by 72, if it is divisible by 8 and 9 both.

Now, for divisibility by 8,

The number formed by last three digits *i.e.*, $67y$ must be divisible by 8.

$$\text{For } y = 2 \quad \dots(i)$$

$$672 \div 8 = 84$$

For divisibility by 9,

Sum of digits = $5 + 6 + 7 + 8 + x + 4 + 3 + 2 + 6 + 7 + 2 = 50 + x$. must be divisible by 9.

$$\text{For } x = 4, \quad \dots(ii)$$

$$54 \div 9 = 6$$

by question,

$$\sqrt{5x + 8y} = \sqrt{5 \times 4 + 8 \times 2}$$

$$= \sqrt{36} = 6$$

19. If $x = (164)^{169} + (333)^{337} - (727)^{726}$, then what is the unit digit of x ?

- (A) 5 (B) 7
(C) 8 (D) 9

[SSC CGL TIER-II CBE EXAM
12-09-2019]

19. (C) Unit digit in $(164)^{169}$

$$= \text{Unit digit of } 164 = 4$$

$$\therefore \text{Remainder of } 169 \div 4 = 1$$

$$\text{Unit digit of } 164 \text{ will be } 4^1 = 4$$

Unit digit in $(333)^{337} = \text{Unit's digit of } 333 = 3$

$$\therefore \text{Remainder of } 337 \div 4 = 1$$

Unit digit of $(727)^{726}$ will be

$$= 7^2 = 49$$

$$= 9$$

$$\therefore \text{Remainder of } 726 \div 4 = 2$$

$$\therefore \text{Required unit digit}$$

$$= 10 + 4 + 3 - 9$$

$$= 8$$

20. If a nine-digit number $389x6378y$ is divisible by 72, then the value of $\sqrt{6x + 7y}$ will be :

- (A) 6 (B) $\sqrt{13}$
(C) $\sqrt{46}$ (D) 8

[SSC CGL TIER-II CBE EXAM
11-09-2019]

20. (D) We know that, by the divisibility rule of 72. A number is divisible by 72 if it is divisible by 8 and 9 both and,

For divisibility by 8,
 $78y$ must be divisible by 8 which is true for $y = 4$.

Again, for divisibility by 9.

Sum of digits = $3 + 8 + 9 + x + 6 + 3 + 7 + 8 + 4 = 48 + x$ must be divisible by 9.

When $x = 6$, then $48 + 6 = 54$ which is divisible by 9.

$$\therefore \sqrt{6x + 7y} = \sqrt{6 \times 6 + 7 \times 4}$$

$$= \sqrt{36 + 28}$$

$$= \sqrt{64} = 8$$

21. When 12, 16, 18, 20 and 25 divide the least number x , the remainder in each case is 4 but x is divisible by 7. What is the digit at the thousand's place in x ?

- (A) 5 (B) 8
(C) 4 (D) 3

[SSC CGL TIER-II CBE EXAM
11-09-2019]

21. (B) First, we find the LCM of 12, 16, 18, 20 and 25

$$\therefore \text{L.C.M} = 2 \times 2 \times 3 \times 3 \times 4 \times 5 \times 5 = 3600$$

\therefore Required number = $3600N + 4$, which is divisible by 7.

$$3600N + 4 = 514x + 7 + 2N + 4$$

Here, $2N + 4$ is divisible by 7 for $N = 5$.

$$\therefore x = 3600 \times 5 + 4$$

$$= 18000 + 4 = 18004$$

\therefore Thousandth digit = 8

22. One of the factors of $(8^{2k} + 5^{2k})$, where k is an odd number, is :

- (A) 86 (B) 88
(C) 84 (D) 89

[SSC CGL TIER-II CBE EXAM
11-09-2019]

22. (D) We know that,

When $n = \text{odd number}$, $(a^n + b^n)$ has a factor as $(a + b)$.

$$\therefore 8^{2k} + 5^{2k} = 64^k + 25^k$$

\therefore Required factor = $64 + 25$

$$= 89$$

23. Let $x = (633)^{24} - (277)^{38} + (266)^{54}$. What is the unit's digit of x ?

- (A) 7 (B) 6
(C) 4 (D) 8

[SSC CGL TIER-II CBE EXAM
11-09-2019]

23. (D) By the question,
 Unit digit in $(633)^{24}$
 $=$ Unit digit in $(633)^4$
 $=$ Unit digit in $3^4 = 3 \times 3 \times 3 \times 3$
 $= 81 = 1$
 Unit digit in $(277)^{38} =$ Unit digit
 in $(7^2) = 49 = 9$
 Dividing 38 by 4, remainder $= 2$
 Unit digit in $(266)^{54} = 6$
 (any power of 6 left with unit digit 6)
 \therefore Required unit digit
 $= 10 + 1 - 9 + 6$
 $= 17 - 9 = 8$

24. If the unit digit of $(433 \times 456 \times 43N)$ is $(N + 2)$, then what is the value of N ?
 (A) 1 (B) 8
 (C) 3 (D) 6

[SSC CGL TIER-II CBE EXAM
 09-03-2018]

24. (D) Unit digit of $433 \times 456 = 8$
 Unit digit of $8 \times 43N = N + 2$
 Clearly, $N + 2 = 8$
 $N = 8 - 2 = 6$
 (\because Unit digit of $8 \times 6 = 8$)

25. If $P = \frac{96}{95 \times 97}$, $Q = \frac{97}{96 \times 98}$ and $R = \frac{1}{97}$, then which of the following is TRUE?

- (A) $P < Q < R$ (B) $R < Q < P$
 (C) $Q < P < R$ (D) $R < P < Q$

[SSC CGL TIER-II CBE EXAM
 20-02-2018]

25. (B) Given
 $P = \frac{96}{95 \times 97}$, $Q = \frac{97}{96 \times 98}$ and
 $R = \frac{1}{97}$
 So, we can write value of:
 $R = \frac{97}{97 \times 97} = \frac{1}{97}$
 $Q = \frac{97}{96 \times 98} > \frac{97}{97 \times 97} > \frac{1}{97}$
 $P = \frac{96}{95 \times 97} = \frac{1}{97} \left(\frac{95+1}{95} \right)$
 $= \frac{1}{97} \left(1 + \frac{1}{95} \right) > Q$
 $\therefore R < Q < P$

26. In $N = 1 + 11 + 111 + 1111 + \dots + 111111111$, then what is the sum of the digits of N ?

- (A) 45 (B) 18
 (C) 36 (D) 5

[SSC CGL TIER-II CBE EXAM
 19-02-2018]

26. (A) Given expansion As:
 $N = 1 + 11 + 111 + 1111 + \dots + 111111111$
 We know the digits of total terms in series.

In first term : total digit 1
 Second term 2
 :
 :
 Last term 9
 So, Sum of digits of $N = 1 + 2 + 3 + \dots + 9$
 $= \frac{9 \times 10}{2} = 45$
 Here, we know that the sum of n number
 $= \frac{(n+1)n}{2}$
 $\left[\text{So, } 1 + 2 + 3 + \dots + n = \frac{n(n+1)}{2} \right]$

27. What is the unit digit of $1^5 + 2^5 + 3^5 + \dots + 20^5$?

- (A) 0 (B) 5
 (C) 2 (D) 4

[SSC CGL TIER-II CBE EXAM
 19-02-2018]

27. (A) Given series
 Unit digit of $1^5 + 2^5 + 3^5 + \dots + 20^5$
 We can write unit digits of this series as
 $(1 + 2 + 3 + \dots + 9 + 0 + 1 \dots + 2 + 3 \dots + 9 + 0)$
 $= 2[1 + 2 + 3 + \dots + 9 + 0]$
 So, Unit digit of $2(1 + 2 + 3 \dots + 9 + 0)$
 So, $= \frac{2 \times 9 \times 10}{2} =$ Unit digit of
 $90 = 0$

We know formula for sum of n digit of a series

$$S = \frac{n(n+1)}{2}$$

$$\left[\because 1 + 2 + 3 + \dots + n = \frac{n(n+1)}{2} \right]$$

28. x , y and z are prime numbers and $x + y + z = 38$. What is the maximum value of x ?

- (A) 19 (B) 23
 (C) 31 (D) 29

[SSC CGL TIER-II CBE EXAM
 19-02-2018]

28. (C) The smallest prime number $= 2$
 We know
 According to given condition.
 \therefore Condition given in question
 $(x + y + z = 38)$
 So, largest prime numbers smaller than 38 $\Rightarrow 31$ and 37
 $\therefore x + y + z = 38$ (Given)
 $\Rightarrow 31 + 2 + 5 = 38$
 Hence, maximum value of $x = 31$.

29. N is the smallest three digit prime number. When N is divided by 13, then what will be the remainder?

- (A) 8 (B) 9
 (C) 7 (D) 10

[SSC CGL TIER-II CBE EXAM
 19-02-2018]

29. (D) The smallest 3-digit prime number $= 101$ [We know]

$$\begin{array}{r} 13 \overline{)101} \\ \underline{-91} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

\therefore Remainder $= 10$

30. If x and y are natural numbers such that $x + y = 2017$, then what is the value of $(-1)^x + (-1)^y$?

- (A) 2 (B) -2
 (C) 0 (D) 1

[SSC CGL TIER-II CBE EXAM
 19-02-2018]

30. (C) We know, an even number + an odd number $=$ odd number

$$\therefore x + y = 2017 \quad (\text{Given})$$

Hence, it is clear that

\Rightarrow If $x =$ even number, then $y =$ odd number and if $x =$ odd number, then $y =$ even number

$$\text{So, } (-1)^x + (-1)^y = 1 - 1$$

$$\text{or, } -1 + 1 = 0$$

31. How many natural numbers are there between 1000 to 2000, which when divided by 341 leaves remainder 5?

- (A) 3 (B) 2
 (C) 4 (D) 1

[SSC CGL TIER-II CBE EXAM
 21-02-2018]

31. (A) Required number between 1000 and 2000:

$$\text{First number} = 341 \times 3 + 5$$

$$= 1023 + 5$$

$$= 1028 > 1000$$

$$\text{Second number} = 341 \times 4 + 5$$

$$= 1364 + 5 = 1369$$

$$\text{Third number} = 341 \times 5 + 5$$

$$= 1705 + 5 = 1710$$

$$\text{Fourth number} = 341 \times 6 + 5$$

$$= 2046 + 5$$

$$= 2051 > 2000$$

So, only 3 number will be there i.e., 1028, 1369, 1710.

32. M is the largest three digit number which when divided by 6 and 5 leaves remainders 5 and 3 respectively. What will be the remainder when M is divided by 11?

- (A) 1 (B) 2
 (C) 3 (D) 4

[SSC CGL TIER-II CBE EXAM
 21-02-2018]

32. (D) Let the quotient be x when divided by 6

\therefore Number = $6x + 5$
Again, let the quotient be y when divided by 5

\therefore Number = $5y + 3$

Clearly, $6x + 5 = 5y + 3$

$\therefore 6x = 5y - 2$

Now, $x = 3$ and $y = 4$ satisfy this relation.

So, the number = $6 \times x + 5$
 $= 6 \times 3 + 5 = 23$

\therefore Two digit number = 23

L.C.M. of divisors 5 and 6 = 30

\therefore Required number
 $= 30k + 23$

When $k = 32$,
because if $k > 32$ then the digit will be "4". So, $k = 32$

Required number
 $= 30 \times 32 + 23$
 $= 960 + 23 = 983$

Dividing 983 by 11, remainder = 4

Illustration :

$$\begin{array}{r} 11) 983 \text{ (89)} \\ - 88 \\ \hline 103 \\ - 99 \\ \hline 4 \end{array}$$

33. In a one day match of 50 overs in an inning the team A had a run rate of 5.3 runs per over. Team B is playing and 5 overs are left and the required run rate to tie the match is 7.2 per over to match the score of Team A. What is team B's score ?

- (A) 265 (B) 238
(C) 254 (D) 229

[SSC CGL TIER-II CBE EXAM
18-02-2018]

33. (D) Given, Team A run per over rate = 5.3 runs

Total runs scored by team A in 50 overs = $50 \times 5.3 = 265$

Team B's required run rate = 7.2 per over

Runs to be scored by team B in 5 overs = $7.2 \times 5 = 36$

\therefore Score of team B in 45 overs
 $= 265 - 36 = 229$

34. What is the unit digit of the sum of first 111 whole numbers ?

- (A) 4 (B) 6
(C) 5 (D) 0

[SSC CGL TIER-II CBE EXAM
17-02-2018]

34. (C) Sum of 0, 1, 2, 3,.....110

$$= \frac{110(110+1)}{2} = 6105$$

Formula used

$$\left[\therefore 1 + 2 + 3 + \dots + n + \frac{n(n+1)}{2} \right]$$

\therefore Unit digit = 5

35. How many 100 digit positive numbers are there ?

- (A) 9×10^{99} (B) 9×10^{100}
(C) 10100 (D) 11×10^{98}

[SSC CGL TIER-II CBE EXAM
17-02-2018]

35. (A) Number of one-digit positive numbers = $9 = 9 \times 10^0$

Number of two digit positive numbers = $90 = 9 \times 10^1$

Formula used = $9 \times 10^{(n-1)}$

Here, n = No. of digits

For 1 digit, $n = 1$

For 2 digit, $n = 2$

\vdots

For 100 digit, $n = 100$

Number of three-digit positive numbers = $900 = 9 \times 10^2$

\therefore Number of 100 digit positive numbers = 9×10^{99}

36. What is the unit digit of $(217)^{413} \times (819)^{547} \times (414)^{624} \times (342)^{812}$?

- (A) 2 (B) 4
(C) 6 (D) 8

[SSC CGL TIER-II CBE EXAM
17-02-2018]

36. (D) $7^1 = 7; 7^2 = 49; 7^3 = 343; 7^4 = 2401;$

$7^5 = 16807$

$2^1 = 2; 2^2 = 4; 2^3 = 8; 2^4 = 16;$

$2^5 = 32$

Hence, after index 4, the unit digit repeats itself.

In the expansion of 4^n and 9^n ,

$4^1 = 4, 4^2 = 6, 4^3 = 4$

$9^1 = 9, 9^2 = 1, 9^3 = 9$

So, the unit digit repeat itself after index 2

\therefore Unit digit in the expansion of $(217)^{413}$

Unit digit in the expansion of $(217)^1 = 7$

$[413 \div 4 \Rightarrow \text{Remainder} = 1]$

Unit digit in the expansion of $(342)^{812} = 6$

Unit digit in the expansion of $(819)^{547} = 9$

$[\therefore 547 \div 2 \Rightarrow \text{Remainder} = 1]$

Unit digit in the expansion of $(414)^{624} = 6$

\therefore Required unit digit = Unit digit in $(7 \times 6 \times 9 \times 6)$
 $= 2268$

So, unit digit = 8

37. A and B are positive integers. If $A + B + AB = 65$, then what is the difference between A and B ($A, B \leq 15$) ?

- (A) 3 (B) 4
(C) 5 (D) 6

[SSC CGL TIER-II CBE EXAM
17-02-2018]

37. (C) $A + B + AB = 65 = 15 + 50$

$\Rightarrow A + B + AB = 10 + 5 + 10 \times 5$

Comparing both side

$A = 10, B = 5$

So, difference of A & B is

$A - B = 10 - 5 = 5$

38. Which of the following statement(s) is/are TRUE ?

I. The total number of positive factors of 72 is 12.

II. The sum of first 20 odd numbers is 400.

III. Largest two digit prime number is 97.

- (A) Only I and II (B) Only II and III
(C) Only I and III (D) All are true.

[SSC CGL TIER-II CBE EXAM
20-02-2018]

38. (D) I. $\frac{2}{72}$

$$\begin{array}{r} 2 \mid 36 \\ 2 \mid 18 \\ 3 \mid 9 \\ \hline 3 \end{array}$$

$\therefore 72 = 2^3 \times 3^2$

\therefore Number of factors
 $= (3 + 1)(2 + 1) = 12$

II. Sum of first n odd numbers = n^2
[We know this formula]

\therefore Sum of first 20 odd numbers
 $= 20^2 = 400$ (Here $n = 20$)

III. 97 is the largest 2 digit prime number.

Hence, all are true.

39. How many natural numbers are there between $\sqrt{261}$ and $\sqrt{45109}$?

- (A) 144 (B) 196
(C) 168 (D) 195

[SSC CGL TIER-II CBE EXAM
19-02-2018]

50. The missing term of the sequence
7, 26, 63, 124, 215, 342, _____, 728 is
(A) 391 (B) 421
(C) 481 (D) 511

[SSC CGL TIER-II 2016]

50. (D) The pattern followed in the number series is :
 $2^3 - 1 = 7$
 $3^3 - 1 = 26$
 $4^3 - 1 = 63$
 $5^3 - 1 = 124$
 $6^3 - 1 = 215$
 $7^3 - 1 = 342$
 $8^3 - 1 = \boxed{511}$
 $9^3 - 1 = 728$

51. In a division sum, the divisor is 4 times the quotient and twice the remainder. If a and b are respectively the divisor and the dividend, then :

(A) $\frac{4b - a^2}{a} = 3$ (B) $\frac{4b - 2a}{a^2} = 2$
 (C) $(a + 1)^2 = 4b$ (D) $\frac{a(a + 2)}{b} = 4$

[SSC CGL TIER-II, 2016]

51. (D) According to the question, a is the divisor and b is the dividend.

$$\begin{aligned} \text{Quotient} &= \frac{a}{4} \\ \text{Remainder} &= \frac{a}{2} \\ \therefore \text{Dividend} &= \text{Divisor} \times \text{Quotient} \\ &\quad + \text{Remainder} \\ \Rightarrow b &= \frac{a \times a}{4} + \frac{a}{2} \\ \Rightarrow b &= \frac{a^2 + 2a}{4} \\ \Rightarrow 4b &= a(a + 2) \\ \Rightarrow \frac{a(a + 2)}{b} &= 4 \end{aligned}$$

52. If 738A6A is divisible by 11, then the value of A is :
(A) 6 (B) 3
(C) 9 (D) 1

[SSC CGL TIER-II, 2016]

52. (C) For number to be divisible by 11, the difference between the sum of digits at even and odd places will be a multiple of 11 or either 0.
 $\therefore (A + A + 3) - (6 + 8 + 7) = 0$
 $\Rightarrow 2A + 3 = 21$
 $\Rightarrow 2A = 21 - 3 = 18$
 $\therefore A = \frac{18}{2} = 9$

53. If m and n are positive integers and $(m - n)$ is an even number, then $(m^2 - n^2)$ will be always divisible by :

- (A) 4 (B) 6
(C) 8 (D) 12

[SSC CGL TIER-II, 2016]

53. (A) Since, m and n are positive integers. And their difference is an even number. Therefore, their sum is also an even number.
 $\therefore m - n = 2p$ and $m + n = 2q$
 $\therefore (m - n)(m + n) = 4pq$
 $\Rightarrow m^2 - n^2 = 4pq$

54. The product of two numbers is 1575 and their quotient is $9/7$. Then the sum of the numbers is :

- (A) 74 (B) 78
(C) 80 (D) 90

[SSC CGL TIER-II, 2016]

54. (C) Consider, two numbers as a and b . Then, according to the question,

$$\begin{aligned} ab &= 1575 \text{ and } \frac{a}{b} = \frac{9}{7} \\ \therefore ab \times \frac{a}{b} &= 1575 \times \frac{9}{7} \\ \Rightarrow a &= \sqrt{2025} = 45 \\ \therefore ab &= 1575 \\ \Rightarrow b &= \frac{1575}{a} = \frac{1575}{45} = 35 \\ \therefore a + b &= 45 + 35 = 80 \end{aligned}$$

55. When $(67^{67} + 67)$ is divided by 68, the remainder is :

- (A) 1 (B) 63
(C) 66 (D) 67

[SSC CGL TIER-II, 2016]

55. (C) When $(a - 1)^n$ is divided by ' a ' remainder is $(-1)^n$.
 $\therefore 67^{67} + 67 = (68 - 1)^{67} + 67$
 Then, when 67^{67} i.e. $(68 - 1)^{67}$ is divided by 68 then, remainder = $(-1)^{67} = -1$
 \therefore Required remainder = $-1 + 67 = 66$

56. A number when divided by the sum of 555 and 445 gives two times their difference as quotient and 30 as the remainder. The number is :

- (A) 220030 (B) 22030
(C) 1220 (D) 1250

[SSC CGL TIER-II, 2016]

56. (A) According to the question,
 Divisor = $555 + 445 = 1000$
 Quotient = $(555 - 445) \times 2$
 $= 110 \times 2 = 220$
 Remainder = 30
 \therefore Dividend = Divisor \times Quotient + Remainder

$$\begin{aligned} &= 1000 \times 220 + 30 \\ &= 220000 + 30 \\ &= 220030 \end{aligned}$$

57. When a number x is divided by a divisor it is seen that the divisor = 4 times the quotient = double the remainder. If the remainder is 80, then the value of x is :

- (A) 6480 (B) 9680
(C) 8460 (D) 4680

[SSC CGL TIER-II, 2016]

57. (A) As given in the question,
 Divisor = $2 \times$ remainder
 $= 2 \times 80 = 160$
 Again, $4 \times$ quotient = 160
 \Rightarrow Quotient = $\frac{160}{4} = 40$
 Now, Dividend = Divisor \times Quotient + Remainder
 $x = 160 \times 40 + 80 = 6480$

58. The missing term in the sequence
2, 3, 5, 7, 11,, 17, 19 is
(A) 16 (B) 15
(C) 14 (D) 13

[SSC CGL TIER-II 2015]

58. (D) This is a sequence of prime number from starting. Therefore, prime number between 11 and 17 is 13.

59. The smallest number, which should be added to 756896 so as to obtain a multiple of 11 is :

- (A) 1 (B) 2
(C) 3 (D) 5

[SSC CGL TIER-II, 2015]

59. (C) For a number to be divisible 11, the difference of the sum of the digits at the even and odd places is either a multiple of 11 or zero.

In the given number 756896,
 Sum of the digits at even places
 $= 6 + 8 + 5 = 19$
 Sum of the digits at odd places
 $= 9 + 6 + 7 = 22$
 \therefore Required number = $22 - 19 = 3$

60. The wrong number in the sequence
8, 13, 21, 32, 47, 63, 83 is
(A) 32 (B) 47
(C) 63 (D) 83

[SSC CGL TIER-II 2014]

60. (B) $8 + 5 = 13$
 $13 + 8 = 21$
 $21 + 11 = 32$
 $32 + 14 = 46 \neq \boxed{47}$
 $46 + 17 = 63$

61. The odd term in the sequence
7, 7, 26, 63, 124, 217 is
(A) 217 (B) 7
(C) 26 (D) 63

[SSC CGL TIER-II 2014]

61. (A) The pattern for the given sequence is
 $1^3 - 1 = 1 - 1 = 0$
 $2^3 - 1 = 8 - 1 = 7$
 $3^3 - 1 = 27 - 1 = 26$
 $4^3 - 1 = 64 - 1 = 63$
 $5^3 - 1 = 125 - 1 = 124$
 $6^3 - 1 = 216 - 1 = 215 \neq \boxed{217}$

62. Let x be the smallest number, which when added to 2000 makes the resulting number divisible by 12, 16, 18 and 21. The sum of the digits of x is :
(A) 7 (B) 5
(C) 6 (D) 4

[SSC CGL TIER-II, 2014]

62. (A) For getting the minimum number, the LCM of 12, 16, 18 and 21 is obtained

2	12,	16,	18,	21
2	6,	8,	9,	21
3	3,	4,	9,	21
	1,	4,	3,	7

$$\therefore \text{LCM} = 2 \times 2 \times 3 \times 4 \times 3 \times 7 = 1008$$

$$\text{Multiple of } 1008 = 2016$$

$$\therefore \text{Required number} = 2016 - 2000 = 16 = x$$

$$\therefore \text{Sum of digits of } x = 1 + 6 = 7$$

63. The unit digit in the product $(2467)^{153} \times (341)^{72}$ is :
(A) 7 (B) 3
(C) 9 (D) 1

[SSC CGL TIER-II, 2014]

63. (A) $7^1 = 7$ $7^2 = 49$
 $7^3 = 343$ $7^4 = 2401$
 $7^5 = 16807$
i.e. after index 4, the unit digit repeats itself.
 \therefore On dividing 153 by 4,
 Remainder = 1
 \therefore Unit digit in the expansion of $(2467)^{153} = 7^1 = 7$ and, unit digit in the expansion of $(341)^{72} = 1$
 \therefore Required unit digit = $7 \times 1 = 7$

64. A number when divided by 361 gives a remainder 47. If the same number is divided by 19, the remainder obtained is :
(A) 3 (B) 8
(C) 9 (D) 1

[SSC CGL TIER-II, 2014]

64. (C) Here, the first divisor 361 is a multiple of second divisor 19.
 As 19 is a factor of 361.
 $\therefore 47 \div 9$
 Remainder = 9

65. Insert the missing number
3, 18, 12, 72, 66, 396, ?
(A) 300 (B) 380
(C) 350 (D) 390

[SSC CGL TIER-II 2013]

65. (D) The pattern in the sequence of numbers is :
 $3 \times 6 = 18$
 $18 - 6 = 12$
 $12 \times 6 = 72$
 $72 - 6 = 66$
 $66 \times 6 = 396$
 $396 - 6 = \boxed{390}$

66. The number which can be written in the form of $n(n+1)(n+2)$, where n is a natural number, is :
(A) 7 (B) 3
(C) 5 (D) 6

[SSC CGL TIER-II, 2013]

66. (D) The given number is $n(n+1)(n+2)$ on putting $n = 1$, we get
 $n(n+1)(n+2) = 1 \times 2 \times 3 = 6$

67. The unit digit in the expression $3^{43} \times 6^{43} \times 7^{43}$ is :
(A) 4 (B) 6
(C) 7 (D) 3

[SSC CGL TIER-II, 2013]

67. (B) In case of 3 and 7, the unit digit is repeated after index 4. And in case of 6, the unit digit always remains 6.
 \therefore Unit digit in $3^{43} \times 6^{43} \times 7^{43}$
 = Unit digit in $3^3 \times 6 \times 7^3$
 (On dividing 43 by 4, remainder = 3)
 = Unit digit in $7 \times 6 \times 3 = 6$

68. A man divides his property so that his son's share to his wife's and wife's share to his daughter's are both as in the ratio 3 : 1. If the daughter gets ₹ 10,000 less than son, the value (in rupees) of the whole property is :

- (A) ₹ 16,250 (B) ₹ 16,000
(C) ₹ 18,250 (D) ₹ 17,000

[SSC CGL TIER-II, 2013]

68. (A) ATQ, Ratio of son to his wife's share = 3 : 1 = 9 : 3 and ratio of wife's share to the daughter is 3 : 1.
 \therefore Son : wife : daughter = 9 : 3 : 1
 Sum of ratios = 9 + 3 + 1 = 13
 If total wealth be ₹ x , then
 Son's share - daughter's share = ₹ 10,000
 $\Rightarrow \frac{9x}{13} - \frac{x}{13} = 10,000$
 $\Rightarrow 8x = 1,30,000$
 $\Rightarrow x = \frac{1,30,000}{8} = ₹ 16,250$

69. Find the sum of all positive multiples of 3 less than 50.
(A) 400 (B) 404
(C) 408 (D) 412

[SSC CGL TIER-II, 2012]

69. (C) Multiples of 3 are 3, 6, 9, 12, 48.
 \therefore Sum = 3 + 6 + 9 + 12 + ... + 48
 = 3(1 + 2 + 3 + 4 + + 16)
 = $3 \times \frac{16(16+1)}{2}$
 = $\frac{3 \times 16 \times 17}{2}$
 = 408

70. When 335 is added to 5A7, the result is 8B2. 8B2 is divisible by 3. What is the largest possible value of A ?
(A) 8 (B) 2
(C) 1 (D) 4

[SSC CGL TIER-II, 2012]

70. (D)
$$\begin{array}{r} 5 \quad A \quad 7 \\ + 3 \quad 3 \quad 5 \\ \hline 8 \quad B \quad 2 \end{array}$$

 8B2 is exactly divisible by 3.
 $\therefore 8 + B + 2 = \text{multiple of } 3$
 $\therefore B = 2 \text{ or } 5 \text{ or } 8$
 $\therefore A + 1 + 3 = 8$
 $\therefore A = 4$

71. Which one of the numbers is divisible by 25 ?
(A) 303310 (B) 373355
(C) 303375 (D) 22040

[SSC CGL TIER-II, 2011]

71. (C)
$$\frac{303375}{25} = \frac{303375 \times 4}{25 \times 4} = \frac{1213500}{100} = 12135$$

 On multiplying other numbers by 4, the unit's and ten's digits will not be zero.

72. The unit digit in $3 \times 38 \times 537 \times 1256$ is :
 (A) 4 (B) 2
 (C) 6 (D) 8

[SSC CGL TIER-II, 2011]

72. (D) Unit digit in $3 \times 38 \times 537 \times 1256$
 $=$ Unit digit in $3 \times 8 \times 7 \times 6$
 $= 4 \times 2$
 $= 8$

73. A number when divided by 2736 leaves the remainder 75. If the same number is divided by 24, then the remainder is :
 (A) 12 (B) 3
 (C) 0 (D) 23

[SSC CGL TIER-II, 2011]

73. (B) $2736 \div 24 = 114$
 For finding the remainder the number 75 is divided by 24.

Remainder obtained on dividing 75 by 24 = 3

74. If the sum of the digits of a three digit number is subtracted from that number, then it will always be divisible by :
 (A) 3 only (B) 9 only
 (C) Both 3 and 9 (D) All of 3, 6 and 9

[SSC CGL TIER-II, 2010]

74. (C) Let the 3-digit number be x, y and z .
 \therefore Number = $100x + 10y + z$
 Sum of the digits = $x + y + z$
 According to the question,
 Difference = $100x + 10y + z - (x + y + z)$
 $= 99x + 9y$
 $= 9(11x + y)$
 Clearly, it is a multiple of 3 and 9.

75. In a division sum, the divisor ' d ' is 10 times the quotient ' q ' and 5 times the remainder ' r '. If $r = 46$, the dividend will be :
 (A) 5042 (B) 5328
 (C) 5336 (D) 4276

[SSC CGL TIER-II, 2010]

75. (C) According to the question,
 Divisor (d) = $5r = 5 \times 46 = 230$
 Again, Divisor (d) = $10 \times$ Quotient (q)
 $\therefore q = \frac{230}{10} = 23$
 Since, Dividend = Divisor \times Quotient + Remainder
 $= 230 \times 23 + 46$
 $= 5290 + 46$
 $= 5336$

□□

Chapter 1

Noun

1. Parts of the following sentence are given as options. Identify the segment that contains a grammatical error.
A large number of student have participated in this music video.
(A) in this music video
(B) have participated
(C) of student
(D) A large number

[SSC CGL TIER-II CBE EXAM
03-02-2022]

1. (C) The correct option is (C) *i.e.*, “of student.”
‘A large number’ will be followed by plural noun and plural verb.
So, ‘students’ will be used in place of ‘student’.

2. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I will spend / my rest of remaining / life in my / native village.
(A) my rest of remaining
(B) life in my
(C) native village
(D) I will spend

[SSC CGL TIER-II CBE EXAM
29-01-2022]

2. (A) The correct option is ‘A’.
‘My rest of remaining’ is incorrect. It should be replaced by ‘rest of my.’
I will spend rest of my life in my native village.

3. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He went / to the bed / with a / slight fever.
(A) slight fever (B) to the bed
(C) with a (D) He went

[SSC CGL TIER-II CBE EXAM
29-01-2022]

3. (B) The correct option is (B).
Here, “to the bed” means go to the place where the bed is located but not necessarily to sleep.
While, “go to bed” means “go to sleep.” hence the latter is appropriate here.
The correct sentence is : He went ‘to bed’ with a slight fever.

4. Select the segment in which a word has been INCORRECTLY used.
Is the Abominable Snowman a friction of the mountaineers’ imagination?
(A) a friction
(B) of the mountaineers’
(C) imagination
(D) Is the Abominable Snowman

[SSC CGL TIER-II CBE EXAM
29-01-2022]

4. (A) The correct option is (A).
The usage of friction here is incorrect.
fiction will replace “**friction**”
Fiction means literature describing imaginary events and people.
Friction means a resistancy force between two surfaces.

5. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
His son-in-laws / have enhanced / his business / within a short period.
(A) have enhanced
(B) his business
(C) His son-in-laws
(D) within a short period

[SSC CGL TIER-II CBE EXAM
29-01-2022]

5. (C) The correct option is (C).

Singular	Plural
Son-in-law	Sons-in-law
Father-in-law	Fathers-in-law
Brother-in-law	Brothers-in-law

So, the usage of “**son-in-laws**” is incorrect here and must be replaced by “**sons-in-law.**”

6. Identify the segment in the sentence which contains a grammatical error.
An eight years old girl has made this beautiful painting.
(A) girl has
(B) made this
(C) An eight years old
(D) beautiful painting

[SSC CGL TIER-II CBE EXAM
18-11-2020]

6. (C) Replace An eight years old with An eight year old.

7. Identify the segment in the sentence which contains a grammatical error.
He loses his tempers on the slightest provocation.
(A) He loses (B) his tempers on
(C) the slightest (D) provocation

[SSC CGL TIER-II CBE EXAM
16-11-2020]

7. (B) ‘tempers’ should be replaced with ‘temper’ because temper is an abstract noun and is used as singular. So, option (B) will be the right answer.

8. Identify the segment in the sentence which contains a grammatical error.
The man played the flute and led all the mouse out of the town.
(A) out of the town
(B) the flute and led
(C) The man played
(D) all the mouse

[SSC CGL TIER-II CBE EXAM
16-11-2020]

8. (D) ‘All the mouse’ will be replaced with All the mice because some nouns are not made plural by adding ‘s/es’. It is done in a different manner as criterion – criteria syllabus–syllabi etc.
So, option (D) is right answer.

9. Select the most appropriate option to fill in the blank.
All human beings must learn to live in..... with nature.
(A) kindness (B) pleasure
(C) admiration (D) harmony

[SSC CGL TIER-II CBE EXAM
13-09-2019]

9. (D) Here, harmony will be filled in the blank to make the sentence meaningful.
harmony (N.) means in a state of agreement or of peaceful existence together.
admiration (N.) means praise; respect; approval; appreciation.

10. Identify the segment in the sentence, which contains the grammatical error.
I had a hard time paying the driver as I had only hundreds rupee note.
- (A) paying the driver
(B) only hundred rupee note
(C) I had a hard time
(D) as I had

[SSC CGL TIER-II CBE EXAM
11-09-2019]

10. (B) Only hundred rupee note means a note of hundred rupees or hundred rupee notes (if there are more than one) Hence, only a hundred rupee note or only hundred rupee notes should be used here.

Direction (Q. No. 11 to 13)

In the following questions, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

[SSC CGL TIER-II CBE EXAM
21-02-2018]

11. Critics of television often (A)/focus on the prevalent of (B)/violence in today's programmes. (C)/No error (D)
11. (B) Replace 'prevalent' with 'prevalence' because a preposition is followed by a noun and not an adjective. So, option (B) is correct.
12. Our school's faculty and administration should not (A)/sacrifice high standards and regulations in order (B)/to make students temporarily happy. (C)/No error (D)
12. (D) No error.
13. Trend-analysis experts specializes (A)/in predicting what will (B)/be in and what will be out. (C)/No error (D)
13. (A) Replace 'specializes' with 'specialize' because plural subject agrees with plural verb

Direction (Q. No. 14 to 16)

In the following questions, the sentence given with blank is to be filled in with an appropriate word. Select the correct alternative out of the four.

[SSC CGL TIER-II CBE EXAM
21-02-2018]

14. A learned man may be stupid for he knows only from books and not from his _____ .
- (A) experiences (B) arbitration
(C) consequences (D) repercussions
14. (A) Here, 'experiences' should be used to make the sentence meaningful. Arbitration means mediation;

intervention, repercussion means consequence; outcome.

15. Education is not just for giving you livelihood but giving you the art of _____ wholly and joyously.
- (A) living (B) leaving
(C) believing (D) driving

15. (A) Here, 'living' should be used to make the sentence meaningful. Believe (V) means to think that something is true.

16. An unwritten constitution develops and expands with the development of the nation and ultimately becomes the.....of the public opinion.
- (A) symbol (B) motion
(C) role (D) badge

[SSC CGL TIER-II CBE EXAM
20-02-2018]

16. (A) **Symbol** means sign; character. **Role** means part, character. **Badge** means breastpin brooch. Here 'symbol' will be used to make the sentence meaningful.

Direction (Q. No. 17 to 19)

In the following questions, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

[SSC CGL TIER-II CBE EXAM
20-02-2018]

17. With God's blessings and hard work, (A)/ I cleared many hurdles in life and did (B)/ reasonable with both professional and personally (C)/ No error (D).
17. (C) Here, option (C) is grammatically incorrect because 'Professional' will be replaced with 'professionally' to make it grammatically correct.
18. The only thing that endures and can sustain (A)/ an infant till the stage it receives immunity (B)/ comes from the consumption of mothers milk (C)/ No error (D).
18. (C) Here, option (C) is grammatically incorrect. Here mothers will be replaced with the possessive case ('s) *i.e.* mother's.

19. When we are able to stop, pause and think (A)/more about our actions, words and thoughts, we begin (B)/ to see the cause and affect more clearly, (C)/ No error (D)

[SSC CGL TIER-II CBE EXAM
19-02-2018]

19. (C) Here, option (C) is grammatically incorrect because affect is a 'verb' and it will not be used with the cause *i.e.*, Noun. So 'affect' will be replaced with 'effect'.

20. In the following questions, the sentence given with blank is to be filled in with an appropriate word. Select the correct alternative out of the four.

A metrical thinker should always be moving in a direction which is beneficial and have always been right at every.....

- (A) height (B) stride
(C) growth (D) address

[SSC CGL TIER-II CBE EXAM
18-02-2018]

20. (B) The word **Stride (N.)** means a long decisive step; pace; a step or stage in progress towards an aim is an appropriate word to fill in the blank.

21. Earth can be considered a cage or prison (A)/ because our choices are limited to (B)/ our available awareness and restricted. (C)/ No error (D).

[SSC CGL TIER-II CBE EXAM
20-02-2018]

21. (C) Here, option (C) is grammatically in correct because 'restricted' will be replaced with 'restrictions'.

Direction (Q. No. 22 and 23)

In the following questions, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

[SSC CGL TIER-II CBE EXAM
18-02-2018]

22. Sometimes it appears as if they are deliberately (A) / limiting their chances of survival in order (B) / to observe some customary or taboo. (C) No error (D)

22. (C) Replace 'customary' with custom. The usage of adjective customary is wrong. We require the noun custom to convert in to a correct sentence. So, option (C) is correct.

23. Stringent penalties have a lower chance (A) / of being imposed, as compared to fines that (B) / are proportionate to the offend. (C) / No error. (D)

23. (C) Replace 'are proportionate to the offend' with are proportionate to the offence because *offend* is a verb and something cannot be proportionate to 'offend'. We require a noun in this case as is 'penalties'.

Direction (Q. No. 24 to 28)

In the following questions, the sentence given with blank is to be filled in with an appropriate word. Select the correct alternative out of the four.

[SSC CGL TIER-II CBE EXAM
17-02-2018]

24. Lateral thinking method is with creation of new ideas that is a procedure and readiness to look at things in a diverse approach.

- (A) regressive (B) neoconservative
(C) aggressive (D) apprehensive

24. (D) Here, option (D) *i.e.* apprehensive will be filled in the blank to make it meaningful.

apprehensive (Adj.) means anxious or fearful that something bad or unpleasant will happen.

regressive (Adj.) means returning to a former or less developed state.
neoconservative (N) means a conservative who advocates the assertive promotion of democracy.
aggressive (Adj.) means belligerent; violent; argumentative.

25. Time perception raises a number of puzzles, including what it means to say we perceive time.

- (A) discriminating (B) intriguing
(C) boring (D) fooling

25. (B) Here, option (B) *i.e.* 'intriguing' will be filled in the blank to make it meaningful.

intriguing (Adj.) means very interesting because of being unusual.
discriminating (Adj.) means making a distinction; distinguishing.

boring (Adj.) means not interesting; tedious.

fooling (Adj.) means making a fool of somebody.

26. The theoretical framework is finished by identifying indicators to be used in the..... of the success of such polices.

- (A) evaluation (B) completion
(C) formation (D) rotation

26. (A) Here, option (A) *i.e.* evaluation will be filled in the blank to make it meaningful.

evaluation (N) means assessment; appraisal.

completion (N) means the action of completing or finishing something.

27. Many national surveys that malnutrition is common in developed countries.

- (A) wheel (B) reveal
(C) sheal (D) vineal

27. (B) Here, option (B) *i.e.* reveal will be filled in the blank to make it meaningful.

reveal (V) means make known to others; disclose.

wheel (N) means a suddenly formed elevation of the skin surface.

vineal means of or relating to grapes or grapevines.

28. Operant conditioning can be described as a learning that is used to modify or change a person's behaviour through experiences and consequences.

- (A) method (B) object
(C) goal (D) suspect

28. (A) Here, option (A) *i.e.* method will be filled in the blank to make it meaningful.

method (N) means procedure; technique.

goal (N) means aim; objective.

suspect (N) means a person thought to be guilty of a crime or offence.

Direction (Q. No. 29 to 33)

Find out the error in each of the following sentences if any. If there is no error your answer is (D).

29. The paintings of natural sceneries (A) /are selling (B) /like hot cokes (C) /No error (D)

[SSC CGL TIER-II, 13-09-2019]

29. (A) In part (A) Replace sceneries with scenery because the word scenery has singular & plural same.

30. You shall get (A) /all the informations (B) /if you read this book carefully (C) /No error. (D)

[SSC CGL TIER-II, 13-09-2013]

30. (B) In part (B) replace informations with information because Information is an uncountable Noun.

31. Only the brave deserves the

- (A) fare (B) flare
(C) flair (D) fair

[SSC CGL TIER-II, 21-09-2014]

31. (D) Flair = talent; a quality showing the ability to do things in an interesting way. Fair = acceptable, Fare = an agenda of things to do, Flare = a sudden burst of flame.

32. The first inning (A) /of the match (B) / was very sensational (C) / No error. (D)

[SSC CGL TIER-II, 21-09-2014]

32. (A) Replace inning with innings because it is used in both the numbers. Innings means a period of time in a game of cricket when it is the turn of one player or team to hit the ball.

33. He was smiling. (A) /but his eyes retained (B) / a look of solemnity. (C) / No error (D)

[SSC CGL TIER-II, 30-11-2016]

33. (C) Replace solemnity with slemnity
Solemn (Adjective) = not happy or smiling; serious.
Solemnity (Noun) = the quality of being solemn.

34. Jewellery retailers across the India decided to suspend sold gold coins and bars for months.

- (A) to suspend sold
(B) of gold coins and bars six months
(C) No Error

(D) Jewellery retailers are India decided

[SSC CGL TIER-II, 12-04-2015]

34. (A) Sold is a participle (Adjective). Hence, to suspend sale (noun) should be used here.

35. Reading is no longer popular among the youthful of today. As the influence of the internet has taken over a very important and active hobby.

- (A) among the youthful of to day
(B) very important and active hobby
(C) influence of life internet
(D) No Error

[SSC CGL TIER-II, 12-04-2015]

35. (A) Here, among the youths (Noun) of today should be used here.
Youthful (Adjective) = (typical of young people.

36. I saw a of cattle grazing in the meadow.

- (A) herd (B) bunch
(C) group (D) litter

[SSC CGL TIER-II, 12-04-2015]

36. (A) Herd (N) = a group of animals of the same type that live and feed together.

Bunch = A grouping of a number of smaller things.

Litter = the off spring at one birth of a multiparous mammal.

37. He made a powerful in the region, and people felt he would make a good leader in the days to come.

- (A) impression (B) discursive
(C) marked (D) interest

[SSC CGL TIER-II, 12-04-2015]

37. (A) Impression (N) = the effect that an experience of a person has on if/sth; an idea, a feeling that you get about or that gives you.

Discursive = (philosophy) proceeding to a conclusion by reason reffer than intuition, so, option (A) is correct.

38. Millions of Jews lost (A) /their kith and kin (B) /in Hitler concentration camps. (C) /No error (D)

[SSC CGL TIER-II, 30-11-2016]

38. (C) In part (C) Replace in Hitler concentration camps with Hitler's concentration camps.

Concentration Camp = a type of prison where political prisoners etc. are kept in extremely bad condition; a Nazi is concentration camp, so option (C) is correct.

39. Mother-in-laws (A) /are (B) /a Nuisance (C) /No error (D)

[SSC CGL TIER-II, 30-11-2019]

39. (A) In part (A) Replace mother in laws will mothers-in-law as

Mother-in-law (singular) = mothers-in-law (plural).

So, option (A) is correct.

40. The best known leader (A) /among them were (B) /Mahatma Gandhi, Sardar Patel and Jawaharlal Nehru. (C) /No error (D)

[SSC CGL TIER-II, 01-12-2016]

40. (A) In part (A) Replace the best known leader with the best known leaders because subject is in plural number

i.e., Mahatma Gandhi, Sardar Patel and Jawahar Lal Nehru. So, option (A) is correct.

41. Owing to the disturbing noise, (A) /the speaker was forced (B) /to adjourn the meetings. (C) /No error (D)

[SSC CGL TIER-II, 01-12-2016]

41. (C) In part (C) Replace to adjourn the meetings with to adjourn the meeting as we need to use the singular form of the noun meeting. So, option (C) is correct.

42. One of my friend (A) /has gone (B) /to Canada. (C) / No error (D)

[SSC CGL TIER-II, 01-12-2016]

42. (A) In part (A) Replace friend with friends as One is followed by plural Noun/Pronoun. So, option (A) is correct.

43. Irregular supply of electricity in wastage of electricity.

- (A) cause (B) result
(C) affect (D) effect

[SSC CGL TIER-II, 21-08-2010]

43. (B) The word 'results' is an appropriate word to fill in the blank.

44. The company reports (A) /that the demand for their computers (B) /are growing everyday. (C) /No error (D)

[SSC CGL TIER-II, 12-01-2017]

44. (C) In part (C) Replace 'are' with is because the subject demand is singular so it will take singular verb.

45. They are so, they could not put up a tent properly while camping.

- (A) red (B) white
(C) blue (D) green

[SSC CGL TIER-II, 12-01-2017]

45. (D) The word 'green' is an appropriate word to fill in the blank

Green (Adj.) = of a person young and lacking experience.

46. He had no (A) /accuse for attacking (B) / that Id man. (C) / No error (D)

[SSC CGL TIER-II, 12-01-2017]

46. (B) In part (B) Replace 'accuse' with excuse. Accuse (V) means to say that somebody has done something wrong or is guilty of something. Excuse (N) means a reason, either true or invented that you give to explain or defend your behaviour. So, option (B) is correct.

47. The gate by the watchman on duty.

- (A) opened (B) was opened
(C) were opened (D) was opening

[SSC CGL TIER-II, 12-01-2017]

47. (B) was opened (H.V. + V₃) will be filled in the blank as the structure of sentence is passive. So, option (B) is correct.

□□