SSC CGL GENERAL INTELLIGENCE & REASONING CLASSIFICATION PDF

1. **Three of the following four words are alike in a certain way and one is different. Pick the odd word out.**
A. Lucknow
B. Punjab
C. Mumbai
D. Patna
Ans. B
Sol.
Punjab is a state and rest are the capital of various Indian states.
Hence, the correct answer is option B.

2. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
A. VXZB
B. BDGJ
C. DFHJ
D. JLNP
Ans. B
Sol.
Here, the pattern is :
V → (+2) → X → (+2) → Z → (+2) → B
D → (+2) → F → (+2) → H → (+2) → J
J → (+2) → L → (+2) → N → (+2) → P
But,
B → (+2) → D → (+3) → G → (+3) → J
(odd one)
Hence, option B is the correct answer.

3. Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.
A. 65
B. 170
C. 195
D. 50
Ans. C
Sol.
$$8^2 + 1 = 65$$
$$13^2 + 1 = 170$$
$$7^2 + 1 = 50$$
$$14^2 - 1 = 195$$
Here we can see that number given in option 'C' is different among them.
Hence, option (C) is the correct answer.

4. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
A. Shirt
B. Sandals
C. Slippers
D. Shoes
Ans. A
Sol.
Except shirt, all are footwear.
Hence, the correct answer is option A.

5. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
A. DGMJ
B. PSZV
C. SVBY
D. KNTQ
Ans. B
Sol.
Option(a)-
D+9=M
G+3=J
Option(b)-
P+10=Z
S+3=V
Option(c)-
S+9=B
V+3=Y
Option(d)-
K+9=T
N+3=Q
Hence, the correct answer is option B.

6. In the following question, select the odd word pair from the given alternatives.
A. Mass-Balance
B. Temperature-Thermometer
C. Scale-Length
D. Pressure-Barometer
Ans. C
Sol.
Every physical quantity is paired with its instrument of measurement on the right side except **Scale-Length**.
Hence, the correct option is **C**.

7. **In the following question, four number pairs are given. The number on left side of (−) is related to the number of the right side of (−) with some Logic/Rule/Relation. Three are similar on basis of same**

Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. 11-1331
B. 15-3375
C. 12-1728
D. 14-2788
Ans. D
Sol.
Pattern follows here is:
$11^3 = 1331$
$15^3 = 3375$
$12^3 = 1728$
$14^3 ≠ 2788$
Hence, option D is the correct answer.

8. In the following question, select the odd letter/letters from the given alternatives.
A. HPY
B. AIQ
C. GOW
D. DLT
Ans. A
Sol.

Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Position value	1	2	3	4	5	6	7	8	9	10	11	12	13
Alphabet	Z	Y	X	W	V	U	T	S	R	Q	P	O	N
Position value	26	25	24	23	22	21	20	19	18	17	16	15	14

H + 8 = P, P + 9 = Y
A + 8 = I, I + 8 = Q
G + 8 = O, O + 8 = W
D + 8 = L, L + 8 = T
Hence, the correct option is **A**.

9. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. (64,32,16)
B. (96,48,20)
C. (144,72,36)
D. (216,108,54)
Ans. B
Sol.
64, 64 ÷ 2, 64 ÷ 4
96, 96 ÷ 2, **20**
144, 144 ÷ 2, 144 ÷ 4
216, 216 ÷ 2, 216 ÷ 4
Hence, the correct option is **B**.

10. Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.
A. 2936
B. 3864
C. 6394
D. 4638
Ans. C
Sol.
Except 6394, all follow the logic-
Product of first two digits is equal to the product of last two digits.
for example:
3864 = 3 X 8 = 6 X 4
Hence, the correct answer is option C.

11. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
A. UQJF
B. OKPL
C. AWDZ
D. IDWS
Ans. D
Sol.
Option(A): AWDZ = 1 + 23 + 4 + 26 = 54
Option(B): UQJF = 21 + 17 + 10 + 6 = 54
Option(C): OKPL = 15 + 11 + 16 + 12 = 54
Option(D): IDWS = 9 + 4 + 23 + 19 = 55 **(odd one out)**
Hence, the correct answer is option (D).

12. Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.
A. 5138
B. 3128
C. 9178
D. 7158
Ans. B
Sol.
Here logic is-
Option A:38+13=51
Option B:28+13=41 here, 31 is given so this is different from others.
Option C:78+13=91
Option D:58+13=71

Hence, the correct answer is option B.

13. In the following question, select the odd word from the given alternatives.
A. Attacker
B. Back Heel
C. Back Pass
D. Ad-Court
Ans. D
Sol.
Option D (Ad-Court) is a tennis term and rest option A (Attacker), option B (Back Heel) and option C (Back Pass) is the football terms. So Ad-Court is different from others.
Hence, correct answer is option D.

14. In the following question, select the odd letter group from the given alternatives.
A. PRT
B. CEG
C. UXZ
D. LNP
Ans. C
Sol.
In option A:

$$P \xrightarrow{+2} R \xrightarrow{+2} T$$

In option B:

$$C \xrightarrow{+2} E \xrightarrow{+2} G$$

In option C:

$$U \xrightarrow{+3} X \xrightarrow{+2} Z$$

In option D:

$$L \xrightarrow{+2} N \xrightarrow{+2} P$$

So, **UXZ** is different from others.
Hence, option C is the correct response.

15. In the following question, four number pairs are given. The number on left side of (−) is related to the number of the right side of (−) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. 13-26
B. 15-30
C. 17-34
D. 19-31
Ans. D

Sol. 13, (13 × 2)
15, (15 × 2)
17, (17 × 2)
19, **(19 × 2) ⇒38**
Hence, the correct option is **D.**

16. **In the following question, select the odd letter/letters from the given alternatives.**
A. OKGC
B. TPLH
C. XSOK
D. YUQM
Ans. C
Sol.

Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Position value	1	2	3	4	5	6	7	8	9	10	11	12	13
Alphabet	Z	Y	X	W	V	U	T	S	R	Q	P	O	N
Position value	26	25	24	23	22	21	20	19	18	17	16	15	14

O − 4 = K, K − 4 = G, G − 4 = C
T − 4 = P, P − 4 = L, L − 4 = H
Y − 4 = U, U − 4 = Q, Q − 4 = M
X − 5 = S, S − 4 = O, O − 4 = K
Hence, option C is the correct answer.

17. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. (83, 97, 113)
B. (47, 61, 75)
C. (34, 48, 62)
D. (64, 78, 92)
Ans. A
Sol. All groups follow same pattern:
83, 83 + 14., **97 + 16**
47, 47 + 14., 61 + 14
34, 34 + 14., 48 + 14
64, 64 + 14., 78 + 14
Hence, the correct option is A**.**

18. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. (2,22,222)

B. (3,33,333)
C. (1,11,111)
D. (4,44,4444)
Ans. D
Sol. All groups are written with a number in one digit, two digit and three digit respectively, except **(4,44,4444)**.
Hence, the correct option is **D**

19. In the following question, four number pairs are given. The number on left side of (−) is related to the number of the right side of (−) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. 10-121
B. 12-169
C. 14-225
D. 16-279
Ans. D
Sol. $(10 + 1)^2 = 121$
$(12 + 1)^2 = 169$
$(16 + 1)^2 ≠ 279$
$(14+ 1)^2 = 225$
Hence, the correct option is **D**

20. **In the following question, select the odd letters from the given alternatives.**
A. JKL
B. EGI
C. OQS
D. KMO
Ans. A
Sol.

Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Position value	1	2	3	4	5	6	7	8	9	10	11	12	13
Alphabet	Z	Y	X	W	V	U	T	S	R	Q	P	O	N
Position value	26	25	24	23	22	21	20	19	18	17	16	15	14

E + 2 = G, G + 2 = I
O + 2 = Q, Q + 2 = S
K + 2 = M, M + 2 = O
J + 1 = K, K + 1 = L
Hence, option A is correct answer.

21. In the following question, four groups of three numbers are given. In each group, the second and third number is related to the first number by a Logic/Rule/Relation. Three are similar on the basis of same Logic/Rule/Relation.

Select the odd one out from the given alternatives.
A. (5, 10, 15)
B. (7, 14, 21)
C. (6, 12, 18)
D. (8, 16, 28)
Ans. D
Sol. In every group consecutive multiple of 1st number is given respectively:
(5, 10, 15) -> 5 × 1, 5 × 2, 5 × 3
(7, 14, 21) -> 7 × 1, 7 × 2, 7 × 3
(6, 12, 18) -> 6 × 1, 6 × 2, 6 × 3
(8, 16, 28) -> 8 × 1, 8 × 2, 28 is not a multiple of 8
Hence, the correct option is D.

22. In the following question, select the odd number pair from the given alternatives.
A. 12 – 121
B. 14 – 169
C. 16 – 215
D. 18 – 289
Ans. C
Sol. The 2nd number in the pair is a square of the number by subtracting '1' from the 1st number in respective pair:
$121 → 12 – 1 = 11^2$
$169 → 14 – 1 = 13^2$
$215 → 16 – 1 = 15^2 = 225$, which is not correct.
$289 → 18 – 1 = 17^2$
Hence, the correct option is C.

23. In the following question, select the odd letters from the given alternatives.
A. HFD
B. SQO
C. ZXV
D. BZU
Ans. D
Sol.

Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Position value	1	2	3	4	5	6	7	8	9	10	11	12	13
Alphabet	Z	Y	X	W	V	U	T	S	R	Q	P	O	N
Position value	26	25	24	23	22	21	20	19	18	17	16	15	14

H – 2 = F, F – 2 = D
S- 2 = Q, Q – 2 = O
Z – 2 = X, X – 2 = V
B – 2 = Z, Z – 5 = U
Hence, the correct option is D.

24. **In the following question, select the odd number from the given alternatives.**
A. 2437
B. 9118
C. 8548
D. 7649
Ans. A
Sol. If we consider the last two digits as one number, then that number is given by:
9118 → 18 = 9 × (1 + 1) → i.e. first number multiplied by succession of 2ⁿᵈ number.
8548 → 48 = 8 × (5 + 1)
7649 → 49 = 7 × (6 + 1)
But it's not applicable with **2437.**
Hence, option A is the correct answer.

25. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A. (10, 12, 14)
B. (12, 14, 16)
C. (18, 20, 22)
D. (24, 26, 30)
Ans. D
Sol. In every group 2ⁿᵈ number and 3ʳᵈ number is greater than the 1ˢᵗ number by '2' & '4' respectively except **(24, 26, 30).**
Hence, the correct option is **D.**

26. Select the odd word/letters/number/number pair from the given alternatives.
A. White
B. Yellow
C. Violet
D. Red
Ans. A
Sol. All are colors of rainbow except **White.**
Hence, the correct option is **A**

27. In the following question, select the odd word from the given alternatives.
A. 10
B. 14

C. 28
D. 25
Ans. D
Sol. All are even numbers except for 25.
Hence, the correct option is D.

28. Select the odd word/letters/number/number pair from the given alternatives.
A. 4313
B. 5434
C. 8723
D. 3674
Ans. A
Sol. Sum of the digits of every number is **even number** except **'4314'.**
4 + 3 + 1 + 3 = 11
5 + 4 + 3 + 4 = 16
8 + 7 + 2 + 3 = 20
3 + 6 + 7 + 4 = 20
Hence, the correct option is **A**

29. Select the odd word/letters/number/number pair from the given alternatives.
A. 8179
B. 7147
C. 8135
D. 9113
Ans. D
Sol. Sum of the digits of every number is **odd number** except **'9113'.**
8 + 1 + 7 + 9 = 25
8 + 1 + 3 + 5 = 17
7 + 1 + 4 + 7 = 19
9 + 1 + 1 + 3 = 14
Hence, the correct option is **D**

30. In the following question, select the odd letters from the given alternatives.
A. AI
B. OU
C. AD
D. IO
Ans. C
Sol. All are in pair of 'Vowels' except 'AD'.
Hence, option (C) is correct.

31. Choose the odd word/letters/number/number pair from the alternatives.
A. AE
B. IO
C. UA
D. GH
Ans. D

Sol. There are 5 vowels in English Language viz. a, e, i, o and u.
Here all are pair of vowels except in 'GH'.
Hence, the correct option is D

32. Choose the odd word/letters/number/ number pair from the alternatives.
A. 17
B. 23
C. 29
D. 33
Ans. D
Sol. Prime numbers are the number which doesn't have any other factor than '1' and the number itself and here all are prime numbers except '33'
Hence, the correct option is D

33. In the following question, select the odd letters from the given alternatives.
A. CUD
B. SIP
C. SET
D. NIR
Ans. D
Sol. All are meaningful words in the English language except 'NIR'
Hence, the correct option is D

34. The sum of the ages of Ram and Shyam is 49. The difference between the age of Shyam and twice the age of Ram is 8. What is the age (in years) of Ram?
A. 30
B. 20
C. 19
D. 29
Ans. C
Sol. Let the age of ram be x and shyam be y years.
So, x+y = 49 from statement 1
And 2x – y=8 from statement 2
On solving we get y = 30
So, x = 49-30 = 19 which is the age of ram.
Hence C

35. In the following question, select the odd number from the given alternatives.
A. 306
B. 270
C. 132
D. 240

Ans. B
Sol. All except '270' follow the same pattern:
$306 = 18^2 – 18$
$132 = 12^2 – 12$
$240 = 16^2 – 16$
Hence, the correct option is B.

36. In the following question, select the odd number from the given alternatives.
A. 897
B. 969
C. 888
D. 432
Ans. D
Sol. All the digits of number sum up to '24' except '432' i.e.
8 + 9 + 7 = 24
9 + 6 + 9 = 24
8 + 8 + 8 = 24
4 + 3 + 2 = 9 (odd one)
Hence, the correct option is D.

37. In the following question, select the odd word from the given alternatives.
A. Washington
B. New York
C. Las Vegas
D. Sydney
Ans. D
Sol. Except Sydney, all other are part of United States while Sydney is in Australia.
Hence, the correct option is D.

38. Find out the odd word/letters/number /number pair from the given alternatives.
A. WT
B. SR
C. ED
D. KJ
Ans. A
Sol. Here in every option pair of alphabets are written with its predecessor except in option A.
Hence, the correct option is A.

39. Find out the odd word/letters/number /number pair from the given alternatives.
A. 5306
B. 2147
C. 4205
D. 4308

Ans. D
Sol. NO number given is a multiple of '3'
except '4308' (Divisibility of 3 is sum of
all digits of a
number should be divisible by3).
Hence, the correct option is D.

40. In the following question, select the
odd letters from the given alternatives.
A. PD
B. LE
C. IC
D. DB
Ans. B
Sol.
PD → 16-4 = 12
LE → 12-5 = **7**
IC → 9-3 = 6
DB → 4-2 = 2
here, the difference between 'LE' is only
an odd number while in other three the
difference is an even number.
Hence, option (B) is the correct response.

41.   Find   out   the   odd
word/letters/number/number pair from
the given alternatives.
A. 286
B. 374
C. 143
D. 279
Ans. D
Sol. 2 + 8 + 6 = 16
3 + 7 + 4 = 14
1 + 4 + 3 = 8
These numbers aren't divisible by 3 as
their sum is not divisible by 3
Whereas, 2 + 7 + 9 + = 18
Which is divisible by 3
Hence D

42. A series is given with one term
missing. Choose the correct alternative
from the given ones that will complete the
series.
Thousand, Ten thousand, Lakh, Ten lakh,
?
A. Ones
B. Hundred
C. Ten crore
D. Crore
Ans. D

Sol. As we move ahead in the above
series, everybody knows that 10 lakhs *
10 lakhs gives us Crore.
Hence D

43. **Three of the following four
numbers are alike in a certain way
and one is different. Pick the number
that is different from the rest.**
A. 145
B. 325
C. 425
D. 235
Ans. C
Sol.
Except 425, sum of digits of each given
option's number is equal to 10.
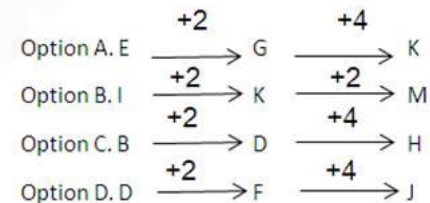So here 425 is an odd one out.
Hence, the correct answer is option C.

44. **Three of the following four letter-
clusters are alike in a certain way and
one is different. Pick the odd one out.**
A. EGK
B. IKM
C. BDH
D. DFJ
Ans. B
Sol.

Hence, the correct answer is option B.

45. **Three of the following four
numbers are alike in a certain way
and one is different. Pick the number
that is different from the rest.**
A. 47
B. 57
C. 67
D. 37
Ans. B
Sol.
Except 57 all other are prime numbers.
Hence, option B is the correct answer.
46. Three of the following four letter-
clusters are alike in a certain way and one

is different. Among the following four letter-clusters, pick the odd one out:
A. PRKI
B. LNOM
C. STHI
D. CEXV
Ans. C
Sol.
Option (A) P(+2) → R **&** K(-2) → I
Option (B) L(+2) → N **&** O(-2) → M
Option (C) S(+1) → T **&** H(+1) → I (odd one)
Option (D) C(+2) → E **&** X(-2) → V
Hence, option C is the correct answer.

47. **Three of the following four words are alike in a certain way and one is different. Pick the odd word out.**
A. Bark
B. Bleat
C. Frog
D. Moo
Ans. C
Sol.
Except for frogs (are amphibians), all others are the sounds produced by different animals.
Hence, option C is the correct answer.

48. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
A. Thyroxin
B. Insulin
C. Adrenalin
D. Hormone
Ans. D
Sol.

Thyroxin, Insulin and Adrenalin are different kind of Hormones.
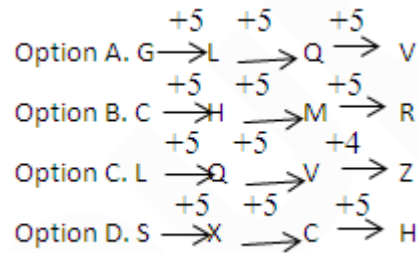So here Hormone is an odd word.
Hence, the correct answer is option D.

49. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
A. GLQV
B. CHMR
C. LQVZ
D. SXCH
Ans. C
Sol.

Option A. G $\xrightarrow{+5}$ L $\xrightarrow{+5}$ Q $\xrightarrow{+5}$ V
Option B. C $\xrightarrow{+5}$ H $\xrightarrow{+5}$ M $\xrightarrow{+5}$ R
Option C. L $\xrightarrow{+5}$ Q $\xrightarrow{+5}$ V $\xrightarrow{+4}$ Z
Option D. S $\xrightarrow{+5}$ X $\xrightarrow{+5}$ C $\xrightarrow{+5}$ H

Hence, the correct answer is option C.

50. Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.
A. 216
B. 159
C. 512
D. 343
Ans. B
Sol.
Except 159 all are perfect cube.
Hence, the correct answer is option B.

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