## SSC CGL GENERAL

 INTELLIGENCE \& REASONING CLASSIFICATION PDF1. 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. 193
B. 171
C. 173
D. 191

Ans. B
Sol.
All numbers are prime numbers except 171 that is divisible by 3.
Hence, option B is the correct answer.
2. Three of the following four words are alike in a certain way and one is different.
Pick the off word out
A. Political Science
B. Biology
C. History
D. Sociology

Ans. B
Sol. Political Science, History and sociology are the part of social science.
But biology is the study of living organism.
Hence, option (B) is the correct answer.
3. Three of the following four letterclusters are alike in a certain way and one is different.
Pick the odd one out.
A. XBFJ
B. HLPT
C. DHLP
D. CGKQ

Ans. D
Sol.
$+4+4+4$
X B F J
$+4+4+4$
D HLP
$+4+4+4$
H L P T
In option ' $D$ ' the above pattern is not followed
C G K Q
$+4+4+6$
Hence, option (D) is the correct answer.
4. Three of the following four words are alike in a certain way and one is different. Pick the off word out.
A. Photocopier
B. Microwave
C. Scanner
D. Printer

Ans. B
Sol.
Except Microwave, all are used for photocopy. Microwave is used for cooking.
Hence, the correct answer is option B.
5. Three of the following four letterclusters are alike in a certain way and one is different.
A. PSVY
B. CFJM
C. KNQT
D. SVYB

Ans. B
Sol.

$$
\begin{aligned}
& \text { Option(a) } \mathrm{P} \xrightarrow{+3} \mathrm{~S} \xrightarrow{+3} \mathrm{~V} \xrightarrow{+3} \mathrm{Y} \\
& \text { Option(b) } \mathrm{C} \xrightarrow{+3} \mathrm{~F} \xrightarrow{+4} \mathrm{~J} \xrightarrow{+3} \mathrm{M} \\
& \text { Option(c) } \mathrm{K} \xrightarrow{+3} \mathrm{~N} \xrightarrow{+3} \mathrm{Q} \xrightarrow{+3} \mathrm{~T} \\
& \text { Option(d) } \mathrm{S} \xrightarrow{+3} \mathrm{~V} \xrightarrow{+3} \mathrm{Y} \xrightarrow{+3} \mathrm{~B}
\end{aligned}
$$

Hence, the correct answer is option B.
6. 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. 317
B. 319
C. 349
D. 347

Ans. B
Sol.
Except 319, all are the member of prime number series.
$319=11 * 29$
Hence, the correct answer is option B.
7. 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. 99
B. 97
C. 89
D. 83

Ans. A

Sol.
Except 99, all belong to prime number series.
Hence, the correct answer is option A.
8. 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. 277
B. 239
C. 233
D. 253

Ans. D
Sol.
Except option (a), all are the prime number series.
$253=11$ *23
Hence, the correct answer is option D.
9. Three of the following four words are alike in a certain way and one is different. Find the odd one out.
A. Bray
B. Hoot
C. Amble
D. Roar

Ans. C
Sol.
Except Amble, all are the sounds produced by different animals. Amble means to walk slowly.
Hence, the correct answer is option C.

## 10. In the following question, select the odd word from the given alternatives.

A. Projector
B. Light Pen
C. CRT
D. Speaker

Ans. B
Sol.
In this question, we show that -
Option B (Light Pen) is the input device and rest option A (Projector), option C (CRT) and option D (Speaker) are the output devices.
So Light Pen is different from others. Hence, option A is the correct answer.
11. Three of the following four lettercluster are alike in a certain way and one is different. Pick the odd one out.
A. HSKPM
B. PKSHV
C. DWGTJ
D. JQMNP

Ans. A
Sol.
The alphabetical orders of HSKPM $=8+$ $19+11+16+13=67=$ odd number The alphabetical orders of PKSHV = 16+ $11+19+8+22=76=$ even number
The alphabetical orders of DWGTJ = 4+ $23+7+20+10=64=$ even number
The alphabetical orders of JQMNP $=10+$ $17+13+14+16=70=$ even number Hence, the correct answer is option A.
12. In the following question, select the odd word from the given alternatives.
A. Spades Card
B. Club Card
C. Diamond Card
D. Black Card

Ans. D
Sol.
In the Playing Card Game,
Number of Spades Card=13
Number of Club Card=13
Number of Diamond Card=13
Number of Black Card=26
Hence, option D is correct answer.
13. In the following question, select the odd word from the given alternatives.
A. Lungs
B. Nose
C. Heart
D. Kidney

Ans. B
Sol. All are internal organs except Nose. Hence, the correct option is $\mathbf{B}$.
14. 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 basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives
A. $(113,109,105)$
B. $(142,137,133)$
C. $(197,193,189)$
D. $(162,158,154$

Ans. B
Sol. There is subsequent decrement of '4' in all the groups except (142, 137, 133).

Hence, the correct option is $\mathbf{B}$.
15. In the following question, select the related number pair from the given alternatives.
18: 11 :: ? : ?
A. 33:29
B. $36: 29$
C. $41: 33$
D. $49: 41$

Ans. B
Sol. $18-11=7$
36-29 = 7
Hence, the correct option is $\mathbf{B}$
16. In the following question, select the odd letter group from the given alternatives.
A. HIJKL
B. TRMNL
C. EFGHI
D. KLMNO

Ans. B
Sol. Except the letter group (TRMNL) given as option B, in all others the letter group consists of consecutive alphabets as per English alphabetical series.
Hence, option $B$ is the correct response.
17. In the following question, select the odd number pair from the given alternatives.
A. 73-87
B. 49-63
C. 65-79
D. 43-69

Ans. D
Sol. In each of the number pairs except for option $D$, the second number is 14 more than the first.
$73-87=14$
$49-63=14$
$65-79=14$
$43-69=26$
Hence, option D is different from others.
18. In the following question, select the odd letter/letters from the given alternatives.
A. RTVX
B. GIKM
C. DFIK
D. LNPR

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 |

$\mathrm{R}+2=\mathrm{T}, \mathrm{T}+2=\mathrm{V}, \mathrm{V}+2=\mathrm{X}$
$G+2=I, I+2=K, K+2=M$
$D+2=F, F+2 \neq I, I+2=K$
$L+2=N, N+2=P, P+2=R$
Hence, the correct option is $\mathbf{C}$
19. In the following question, select the figure which is different from the other three figures.
A.

B.

C.

D.


Ans. D
Sol. The figure turns $90^{\circ}$ anticlockwise in every subsequent figure. But Figure (D) does not follow this rule as figure in the middle is wrongly directed.
Trick: Draw the figure on a paper and rotate the paper $90^{\circ}$ anticlockwise. You will find all the option figures in subsequent rotations except option D. Hence, the correct option is D.
20. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
QDUJ : VIZO: : LPAR : ?
A. QUEX
B. RUFW
C. PUFY
D. QUFW

Ans. D
Sol.
As,
Q D U J
$+5+5+5+5$
V I Z O
Similarly,
L P A R
$+5+5+5+5$
Q U F W
Hence, the correct answer is option D.
21. Direction: Identify the figure which best represents the relationship among Tree, Plant, and House.
A.

B.

C.

D.


Ans. C
Sol. All trees are plants and House is different.


Hence, option C is the correct answer.
22. In the following question, select the odd word from the given alternatives.
A. India
B. North America
C. Europe
D. Australia

Ans. A
Sol.
All except 'India' are continents. While, 'India' is a sub-continent.
Hence, option A is odd one out.
23. In the following question, select the odd word from the given alternatives.
A. Eagle
B. Fluff
C. Legal
D. Motor

Ans. D
Sol.
All except 'Motor' are starting as well as ending with the same letter.
Hence, option D is correct answer.
24. In the following question, select the odd letter group from the given alternatives.
A. TZNI
B. DXHL
C. ZBRT
D. VTFN

Ans. A
Sol.
option A
T-20
Z-26
N-14
I-9
option B
D-4
X-24
H-8
L-12
option C
Z-26
B-2
R-18
T-20
option D
V-22
T-20
F-6
N-14
Except option A In all other groups, all the letters occupy the even position in English alphabetical series.
Hence, option A is correct answer.
25. In the following question, select the odd word from the given alternatives.
A. Beans
B. Wheat
C. Potato
D. Cotton

Ans. D

Sol.
All except 'Cotton' are food crops while 'Cotton' is a cash crop.
Hence, option D is correct answer.

## 26. In the following question, select the odd number from the given alternatives.

A. 38
B. 21
C. 35
D. 28

Ans. A
Sol.
Logic: All except ' 38 ' is divisible by 7 . Hence, option A is correct answer.
27. In the following question, select the odd number pair from the given alternatives.
A. 16-12
B. 32-06
C. 22-14
D. 24-08

Ans. C
Sol.
In all the other groups, the product of both the numbers is 192.
Hence, option C is correct answer.
28. In the following question, select the odd number from the given alternatives.
A. 4268
B. 2682
C. 8284
D. 2834

Ans. D
Sol.
In all the other number, all the digits are even.
Hence, option D is correct answer.
29. In the following question, select the odd word pair from the given alternatives.
A. Teacher: Student
B. Police: Criminal
C. Doctor: Patient
D. Judge: Lawyer

Ans. D
Sol.
Clearly, 'Judge: Lawyer' doesn't bear the same relationship.

Hence,option D is correct answer.
30. In the following question, select the odd word from the given alternatives.
A. Furthermore
B. Finally
C. Besides
D. Together

Ans. D
Sol.
Transition words -Transitions are words and phrases that provide a connection between ideas, sentences, and paragraphs
All except 'Together' are the transition words.
Hence, option D is correct answer.
31. In the following question, select the odd word from the given alternatives.
A. Bass
B. Phobia
C. Lead
D. Wound

Ans. B
Sol.
Homographic words - Homographs are words that are spelled the same but have different meanings
All except 'Phobia' are the homographic words.
Hence, option B is correct answer.
32. Find the odd one out.
A. $(32,96,48)$
B. $(16,144,36)$
C. $(36,142,48)$
D. $(12,84,28)$

Ans. C
Sol.
In all the pair except $(36,142,48)$, the middle number is the LCM of first and last number.
33. Find the odd one out.
A. Roar
B. Growl
C. Shout
D. Chirp

Ans. C
Sol.
All except 'Shout' are the voices of animals.
34. In the following question, select the odd word from the given alternatives.
A. Lion
B. Wolf
C. White Stork
D. Cow

Ans. C
Sol.
All others are the national animals of different countries while 'White Stork' is a national bird of Poland.
The (Lion) is the national animal of Bulgaria.
The (wolf) is the national animal of Estonia.
The (cow) is the national animal of Nepal. Hence, option C is the correct answer.
35. In the following question, select the odd word pair from the given alternatives.
A. Achromatopsia: Lungs
B. Myopia: Eyes
C. Polycystic: Kidney
D. Cardiomyopathy: Heart

Ans. A
Sol.
In all the other pairs, the first one is the decease related to the second one.
Hence, option A is correct answer.
36. In the following question, select the odd number from the given alternatives.
A. 31
B. 80
C. 26
D. 8

Ans. A
Sol.
All other numbers can be expressed as a power of 3 minus 1 .
$3^{4}=81=81-1=80$
$3^{3}=27=27-1=26$
$3^{2}=9=9-1=8$
Hence, option A is correct answer.
37. 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. 2421
B. 7261
C. 5472
D. 4842

Ans. B
Sol.
All except 7261 are exactly divisible by 3 . Hence, option $B$ is the correct response.
38. Three of the following four words are alike in a certain way and one is different.
Pick the odd word out.
A. Bag
B. Suitcase
C. Purse
D. Carpet

Ans. D
Sol.
Carpet is a floor covering mat while all others are luggage items.
Hence, option D is correct.
39. 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. 83115
B. 54215
C. 43217
D. 12347

Ans. A
Sol.
Here, the pattern is:
$5+4+2+1+5=17$
$4+3+2+1+7=17$
$1+2+3+4+7=17$
But,
$8+3+1+1+5=18$
Hence, the correct response is $A$.
40. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
A. Germany
B. Singapore
C. Austria
D. Italy

Ans. B
Sol.
Here except Singapore, all other are countries but Singapore is a city.
Hence, the correct response is $B$.
41. In the following question, select the odd word from the given alternatives.
A. Valiant
B. Reticent
C. Audacious
D. Gallant

Ans. B
Sol.
Valiant means possessing or showing courage.
Reticent means reserved.
Audacious means showing a willingness to take surprisingly bold risks.
Gallant means brave.
So, the word 'Reticent' shows different meaning while rest are synonyms to each other.
Hence, option (B) is odd one out.
42. In the following question, select the odd word from the given alternatives.
A. Seismology
B. Richter scale
C. Crater
D. Plate tectonics

Ans. C
Sol.
Except crater, all other are the terms associated with earthquake.
Hence, option (C) is odd one out.
43. Four number-pair have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.
A. $21: 437$
B. $33: 1085$
C. $11: 118$
D. $35: 1221$

Ans. C
Sol.
In the above question all follow the same logic except C
Logic:
( $1^{\text {st }}$ number $)^{\wedge} 2-4=2^{\text {nd }}$ number
A) $(21)^{\wedge} 2=441,441-4=437$
B) $(33)^{\wedge} 2=1089,1089-4=1085$
C) $(11)^{\wedge} 2=121,121-4=117$
D) $(35)^{\wedge} 2=1225,1225-4=1221$

Hence, option C is the correct answer.
44. Four groups of number have been given, out of which three are alike in some manner and one is different. Select the group that is different.
A. $36-64-100$
B. $49-81-121$
C. $4-16-36$
D. 144-196-256

Ans. B
Sol.
Except for option B all are the consecutive even numbers square. In option $B$ Consecutive odd number square.
A- $6^{\wedge} 2-8^{\wedge} 2-10^{\wedge} 2$
B-7^2-9^2-11^2(consecutive odd numbers)
C- 2^2-4^2-6^2
D- $12^{\wedge} 2-14^{\wedge} 2-16^{\wedge} 2$
Hence, option $B$ is the correct answer.
45. In the following question, select the odd word from the given alternatives.
A. Lavani
B. Bihu
C. Jhumar
D. Ballet

Ans. D
Sol.
All except ballet are folk dances.
Option D is different.
46. In the following question, select the odd word from the given alternatives.
A. Vulture
B. Rhea
C. Emu
D. Kakapo

Ans. A
Sol.
All except Vulture are flightless birds.
Option A is correct.
47. In the following question, select the odd word from the given alternatives.
A. Pertussis
B. Meningitis
C. Hysteria
D. Tuberculosis

Ans. C
Sol.
All except Hysteria are contagious diseases.
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. Kiwi
B. Eagle
C. Vulture
D. Goose

Ans. A
Sol.
Except Kiwi, all are different kind of birds' name. Kiwi is a fruit.
So here Kiwi is an odd word.
Hence, option A is the correct answer.
49. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
A. Disaster
B. Storm
C. Cyclone
D. Flood

Ans. A
Sol.
Strom, Cyclone and Flood are the types of disaster and thus disaster is different. Hence, option A is the correct answer.
50. Three of the following four letterclusters are alike in a certain way and one is different. Pick the odd one out.
A. CGK
B. LPT
C. BFM
D. NRV

Ans. C
Sol.
The pattern is:
$C(+4)=G, G(+4)=K$.
$\mathrm{L}(+4)=\mathrm{P}, \mathrm{P}(+4)=\mathrm{T}$.
$N(+4)=R, R(+4)=V$.
But,
$B(+4)=F, F(+7)=M$ (odd one)
Hence, option $C$ is the correct answer.
51. 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. 16
B. 121
C. 100
D. 81

Ans. B

Sol.
Except for number 121, all other numbers is squares of even numbers and odd numbers but 121 is a square of prime number.
Hence, option B is the correct answer.
52. 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. 7815
B. 6915
C. 8715
D. 8915

Ans. D
Sol.
A. $7+8+1+5=21$
B. $6+9+1+5=21$
C. $8+7+1+5=21$
D. $8+9+1+5=23$

Option D is odd one out.
53. Three of the following four letterclusters are alike in a certain way and one is different. Pick the odd one out.
A. DGL
B. BFJ
C. KOS
D. MQU

Ans. A
Sol.


Hence, option A is the correct answer.
54. Three of the following four letterclusters are alike in a certain way and one is different. Pick the odd one out.
A. OQTX
B. EGJN
C. IKNQ
D. ACFJ

Ans. C
Sol.
The series is:
$\mathrm{O}(+2)=\mathrm{Q}, \mathrm{Q}(+3)=\mathrm{T}, \mathrm{T}(+4)=\mathrm{X}$
$\mathrm{E}(+2)=\mathrm{G}, \mathrm{G}(+3)=\mathrm{J}, \mathrm{J}(+4)=\mathrm{N}$
$A(+2)=C, C(+3)=F, F(+4)=J$
But,
$\mathrm{I}(+2)=\mathrm{K}, \mathrm{K}(+3)=\mathrm{N}, \mathrm{N}(+3)=\mathrm{Q}$
Hence, the correct response is option C.
55. Three of the following four words are alike in a certain way and a different is Choose that different word.
A. Nozzle
B. Pitch
C. Skating ring
D. Arena

Ans. A
Sol.
Except Nozzle, all other three places are used to play different type of sports. But Nozzle is a cylindrical or round spout at the end of a pipe.
Hence, the correct response is option A.
56. In the following question, select the odd word from the given alternatives.
A. Omega
B. Alpha
C. Beta
D. Feta

Ans. D
Sol.

All except 'Feta' are Greek alphabets i.e., alpha (a), beta ( $\beta$ ), Omega ( $\omega$ ) but 'Feta' is brined curd.
Hence, option D is odd one out.
57. Four words have been given, out of which three are alike in some manner and one is different. Select the odd wor
D.
A. Polio
B. Measles
C. Schizophrenia
D. Rabies

Ans. C
Sol.
Except for option (C), rest other is same.
Schizophrenia is a brain disorder in which a person faces difficulty to distinguish between what is real and unreal, the exact cause of Schizophrenia is not known. While the rest three disease are caused by virus.
Polio - It is caused by Poliovirus.
Measles - It is caused by Measles morbillivirus.
Rabies - It is caused by Rabies virus.
Hence, the correct response is option C.

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