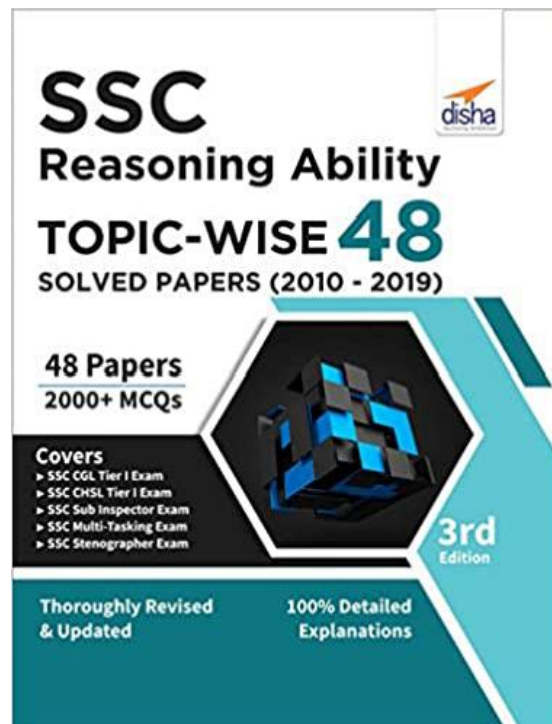


Chapter-wise SSC Solved Papers - Sample Chapters

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CHAPTER 2

Classification

DIRECTIONS (Qs. 1-6) : In each of the following questions, select the one which is different from the other three responses.

(SSC CGL 1st Sit. 2010)

1. (a) 25, 36 (b) 144, 169
(c) 100, 121 (d) 9, 64
2. (a) Heat (b) Light
(c) Bulb (d) Electricity
3. (a) Wave (b) Current
(c) Tide (d) Storm
4. (a) X (b) Y
(c) H (d) D
5. (a) ZKXJ (b) CMAL
(c) TGRF (d) FRTK
6. (a) ABJNM (b) QRTUZ
(c) IXYOQ (d) WFGOP

DIRECTIONS (7-13) : In each of the following questions find the odd word/letters/number from the given responses.

(SSC CGL 1st Sit. 2010)

7. (a) Room (b) Chamber
(c) Veranda (d) Cabin
8. (a) Mouth Organ (b) Electric Guitar
(c) Keyboard (d) Sonata
9. (a) A (b) I
(c) D (d) E
10. (a) RNMP (b) JFEH
(c) RPOQ (d) HDCF
11. (a) AbcdE (b) IfghO
(c) ApqrL (d) UlmnE
12. (a) 6243 (b) 2643
(c) 8465 (d) 4867
13. (a) 49-33 (b) 62-46
(c) 83-67 (d) 70-55

DIRECTIONS (Qs. 14-19) : In each of the following questions, find the odd number / letters/ word from the given alternatives.

(SSC CGL 1st Sit. 2011)

14. (a) Flute (b) Violin
(c) Guitar (d) Sitar
15. (a) Prod (b) Sap
(c) Jab (d) Thrust
16. (a) JKOP (b) MNST
(c) CABD (d) OPWX
17. (a) CAFD (b) TSWV
(c) IGLJ (d) OMRP
18. (a) 162 (b) 405
(c) 567 (d) 644

19. (a) 156 (b) 201
(c) 273 (d) 345
20. Find out the pair of numbers that does not belong to the group for lack of common property.
(a) 11-115 (b) 10-90
(c) 9-72 (d) 8-56

DIRECTIONS (Qs. 21-26) : In question, find the odd number/ letters/ number pair from the given alternatives.

(SSC CGL 2nd Sit. 2011)

21. (a) Softball (b) Baseball
(c) Cricket (d) Basketball
22. (a) Annoy (b) Distress
(c) Harass (d) Ravage
23. (a) PRSU (b) SUWY
(c) HJLN (d) CEGI
24. (a) YDWB (b) TKRI
(c) QNOM (d) HLFJ
25. (a) Tomato (b) Potato
(c) Carrot (d) Onion
26. (a) 125 (b) 789
(c) 236 (d) 347
27. Find out the pair of numbers that does not belong to the group for lack of common property.
(a) 16-18 (b) 56-63
(c) 96-108 (d) 86-99

DIRECTIONS (Qs. 28-35) : In questions, find the odd number/ letters/ word/ number pair from the given alternatives.

(SSC CGL 1st Sit. 2012)

28. (a) SP (b) NL
(c) ZW (d) TQ
29. (a) Major (b) Colonel
(c) Brigadier (d) Admiral
30. (a) Life Insurance Corporation.
(b) New India Assurance Company Ltd.
(c) United India Insurance Company Ltd.
(d) National Insurance Company Ltd.
31. (a) Hurdle (b) Disease
(c) Barrier (d) Obstacle
32. (a) Mar (b) Remedy
(c) Maim (d) Mutilate
33. (a) Socrates (b) Beethoven
(c) Mozart (d) Bach

34. (a) (132, 5) (b) (125, 8)
(c) (124, 7) (d) (112, 4)
35. (a) 6246–6296 (b) 7137–7267
(c) 4344–4684 (d) 5235–5465

DIRECTIONS (Qs. 36-46): In questions, find the odd number/letters/number pair from the given alternatives.

(SSC CGL 1st Sit. 2012)

36. (a) 72 (b) 81
(c) 93 (d) 66
37. (a) (125, 27) (b) (64, 216)
(c) (216, 02) (d) (343, 01)
38. (a) Division (b) Addition
(c) Subtract (d) Multiplication
39. (a) 47 (b) 17
(c) 27 (d) 37
40. (a) 5270–2936 (b) 186–69
(c) 168–570 (d) 1001–100
41. (a) 8 5 3 6 2 (b) 6 3 8 5 2
(c) 5 2 6 3 8 (d) 2 8 7 5 1
42. (a) VEIIDD (b) IVEF
(c) VEENS (d) EINN

43. (a) Arunachal Pradesh
(b) Jammu and Kashmir
(c) Haryana
(d) Himachal Pradesh
44. (a) Size (b) Number
(c) Form (d) Weight
45. (a) Fish (b) Frog
(c) Tortoise (d) Crab
46. (a) Board (b) Commission
(c) Team (d) Agenda

DIRECTIONS (47-50): In each of the following questions, find the odd word/number/letters/word/number pair from the given alternatives.

(SSC CGL 2nd Sit. 2012)

47. (a) VWY (b) QRT
(c) LMO (d) JKL
48. (a) BE (b) GJ
(c) NP (d) QR
49. (a) 400 (b) 484
(c) 625 (d) 729
50. (a) 1000 (b) 1725
(c) 2744 (d) 4096

Hints & Solutions

1. (d) Except the number pair 9, 64 in all others perfect squares of two consecutive numbers are given.

25 36
↓ ↓
(5)² (6)²
144 169
↓ ↓
(12)² (13)²
100 121
↓ ↓
(10)² (11)²
But,
9 64
↓ ↓
(3)² (8)²

2. (c) Bulb is an item while all others are phenomena.
3. (c) Except Tide, all other terms are related to both air and water. But tide is a regular rise and fall in the level of sea, caused by the attraction of the moon and sun.
4. (b) The position number of Y in the English alphabet is an odd number.

X ⇒ 24, Y ⇒ 25
H ⇒ 8, D ⇒ 4

5. (d)
- Z K X J C M A L
-1 -1
-2 -2
- T G R F F R T K
-1 -7
-2 +14

6. (c) Except in letter group IXYOQ, in all others there is only one vowel.
In the letter group IXYOQ, there are two vowels.
7. (c) Except Veranda, all others are surrounded by four walls.
8. (d) Except Sonata, all others are instruments. Sonata is a piece of music composed for one instrument or two.
9. (c) Except D, all others are Vowels.

10. (c) Here, R $\xrightarrow{-4}$ N $\xrightarrow{-1}$ M $\xrightarrow{+3}$ P
J $\xrightarrow{-4}$ F $\xrightarrow{-1}$ E $\xrightarrow{+3}$ H
R $\xrightarrow{-2}$ P $\xrightarrow{-1}$ O $\xrightarrow{+2}$ Q
H $\xrightarrow{-4}$ D $\xrightarrow{-1}$ C $\xrightarrow{+3}$ F

11. (c) Except in ApqrL, in all others the first and the last letters given in capital are vowels.

12. (d) $6 + 2 = 8, 4 + 3 = 7 \Rightarrow 8 - 7 = 1$
 $2 + 6 = 8, 4 + 3 = 7 \Rightarrow 8 - 7 = 1$
 $8 + 4 = 12, 6 + 5 = 11 \Rightarrow 12 - 11 = 1$
 $4 + 8 = 12, 6 + 7 = 13 \Rightarrow 12 - 13 = -1$

13. (d) $49 - 33 = 16, 62 - 46 = 16$
 $83 - 67 = 16$ But, $70 - 55 = 15$

14. (a) Except Flute, all others are stringed musical instruments.

15. (b) **Prod (Verb)** means, 'to push somebody/something with a finger or a pointed object', 'to encourage', 'to poke'.
Prod (Noun) means 'an act of prodding', 'an act of reminding somebody to take action'.

Sap (Verb) means 'to make somebody/something weak or destroy gradually'.

Sap (Noun) means 'the liquid in a plant that carries food to all parts of it', 'a stupid person who is easily tricked or treated unfairly'.

Jab (Verb) means 'to push or poke at somebody/something quickly and roughly'.

Jab (Noun) means 'a sudden rough blow'.

Thrust (Verb) means 'to push something/somebody/oneself suddenly or violently'.

Thrust (Noun) means 'an act or movement of thrusting'.

Therefore, Sap is different from others.

16. (b) Except MNST, all others are having a vowel.
17. (b) TSWV does not have any vowel

$\begin{array}{c} +1 \\ \swarrow \quad \searrow \\ C \quad A \quad F \quad D \\ \swarrow \quad \searrow \\ -2 \quad -2 \end{array}$, $\begin{array}{c} +1 \\ \swarrow \quad \searrow \\ I \quad G \quad L \quad J \\ \swarrow \quad \searrow \\ -2 \quad -2 \end{array}$

and $\begin{array}{c} +1 \\ \swarrow \quad \searrow \\ O \quad M \quad R \quad P \\ \swarrow \quad \searrow \\ -2 \quad -2 \end{array}$ but, $\begin{array}{c} +2 \\ \swarrow \quad \searrow \\ T \quad S \quad W \quad V \\ \swarrow \quad \searrow \\ -1 \quad -1 \end{array}$

So, TSWV is odd one out.

18. (d) As, $162 \Rightarrow 16 \div 2 = 8$
 $405 \Rightarrow 40 \div 5 = 8$,
and $567 \Rightarrow 56 \div 7 = 8$,
but, $644 \Rightarrow 64 \div 4 = 16$
19. (a) Except 156, all other numbers are odd numbers.

20. (a) $\frac{115}{11} = 10.45$; $\frac{90}{10} = 9$;

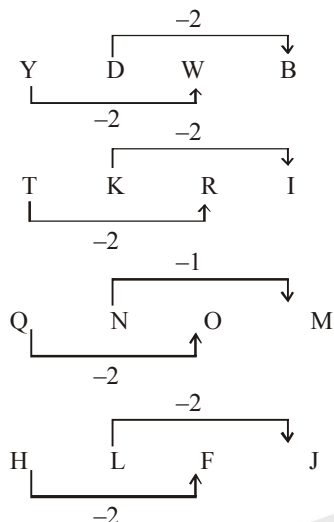
$$\frac{72}{9} = 8; \frac{56}{8} = 7$$

21. (d) Basketball is different from others. In Softball, Baseball and Cricket, bats and balls are used, Basketball involves only ball.
22. (d) Ravage is the different from the other words.

23. (a) Here,

$$\begin{aligned} P &\xrightarrow{+2} R \xrightarrow{+1} S \xrightarrow{+2} U \\ S &\xrightarrow{+2} U \xrightarrow{+2} W \xrightarrow{+2} Y \\ H &\xrightarrow{+2} J \xrightarrow{+2} L \xrightarrow{+2} N \\ C &\xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \end{aligned}$$

24. (c) Here,



25. (a) Except Tomato all others are grown underground.

26. (a) The number 125 is a perfect cube.

$$5 \times 5 \times 5 = 125$$

27. (d) As $2 \times 8 = 16$; $2 \times 9 = 18$

$$7 \times 8 = 56; \quad 7 \times 9 = 63$$

$$12 \times 8 = 96; \quad 12 \times 9 = 108$$

$$\frac{86}{8} = 10.75; \quad \frac{99}{9} = 11$$

Also, only (d) is coprime.

28. (b) $S \xrightarrow{-3} P$
 $N \xrightarrow{-2} L$
 $Z \xrightarrow{-3} W$
 $T \xrightarrow{-3} Q$

29. (d) Major, Colonel and Brigadier are different ranks in the Indian Army. Admiral is the topmost rank in the Indian Navy.

30. (a) Except Life Insurance Corporation, all others are insurance companies for general insurance, i.e., for vehicles, property etc.

31. (b) Except disease, all other terms denote obstruction, hindrance or interruption.

32. (b) Except remedy, all other terms denote loss of something.

33. (a) Socrates was a Greek philosopher. Ludwig Van Beethoven was a German Composer and Musician. Bach was also a German Composer. W.A. Mozart was a Austrian Compose.

34. (d) 112 is completely divisible by 4.

$$\frac{112}{4} = 28; \quad \frac{132}{5} = 26.4; \quad \frac{125}{8} = 15.625; \quad \frac{124}{7} = 17.71$$

35. (a) The difference between the two numbers in the number pair $6246 - 6296$ is least.

$$6296 - 6246 = 50$$

$$7267 - 7137 = 130$$

$$4684 - 4344 = 340$$

$$5465 - 5235 = 230$$

36. (b) 81 is a perfect square.

37. (c) Except in (216, 02), in all others both the numbers are perfect cubes.

38. (c) Except Subtract, all others are Nouns. The Noun for subtract (Verb) is Subtraction.

39. (c) 27 is a perfect cube. All other numbers are Prime Numbers.

40. (b) $1 + 8 + 6 = 15$ and $6 + 9 = 15$

41. (d) Except in the number 28751, in all others the digits are the same.

42. (a) IVEF \Rightarrow FIVE
 VEENS \Rightarrow SEVEN
 EINN \Rightarrow NINE
 VEIIDD \Rightarrow DIVIDE

43. (a) Jammu and Kashmir, Haryana and Himachal Pradesh are northern States of India. Arunachal Pradesh is eastern-most States of India.

44. (b) Number is different from the others.

45. (b) Frog is an amphibian.

46. (d) Except Agenda, all other denotes a group of persons.

47. (d) $V \xrightarrow{+1} W \xrightarrow{+2} Y$
 $Q \xrightarrow{+1} R \xrightarrow{+2} T$

$L \xrightarrow{+1} M \xrightarrow{+2} O$
 But,

$$J \xrightarrow{+1} K \xrightarrow{+1} L$$

48. (a) Only BE has a vowel

49. (d) Except the number 729, all others are only perfect squares.

50. (b) Except the number 1725, all other numbers are completely divisible by 4. The number 1725 is completely divisible by 5.

$$\frac{1000}{4} = 250; \quad \frac{2744}{4} = 686;$$

$$\frac{4096}{4} = 1024$$

But, $\frac{1725}{5} = 345$