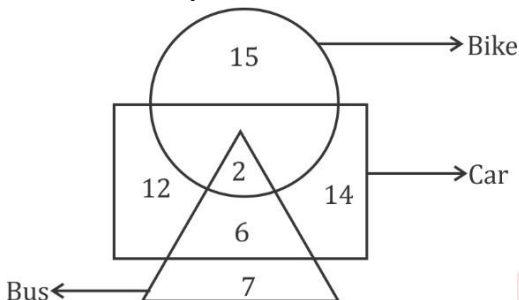




## SSC CHSL Tier-I 2022-23 Memory Based (Reasoning) (Based on 09 Mar 2023 Exams)

**Q1.** How many Cars are neither Bus nor Bike?



- (a) 15  
(b) 26  
(c) 28  
(d) 17

**Q2.** A is the mother of Z, E is the son of D. J is the husband of G. E is the brother of G. R is the husband of A. D is the wife of Z. How is J related to E?

- (a) Brother  
(b) Cousin  
(c) Nephew  
(d) Brother – in – law

**Q3.** In the following question, select the related number from the given alternatives.

14: 98 :: 24 : ? (a) 288

- (b) 184  
(c) 168  
(d) 282

**Q4.** Which number will replace the question mark (?) in the following series?

92, 68, 95, 65, 98, ?

- (a) 84  
(b) 68  
(c) 62  
(d) 101

**Q5.** Three of the following four words are alike in a certain way and one is different. Pick the odd one out.

- (a) FIN  
(b) SVA  
(c) QTY  
(d) ADJ

**Q6.** Select the letter-pair that can replace the question mark (?) in the following series.

TCY, VEX, XGW, ZIV, ?

- (a) KIV  
(b) BKU  
(c) BJW  
(d) KJU

**Q7.** Which two sign should be interchanged in the following equation to make it correct?

$$18 + 6 - 6 + 3 \div 2 = 3$$

- (a) + and –  
(b) + and x  
(c) ÷ and –  
(d) ÷ and +

**Q8.** In a code language TRACE is written as GIZXV. How will ROUGH is written as?

- (a) STFUI
- (b) ILFTS
- (c) STEVI
- (d) ILEST

**Q9.** Select the set in which the numbers are related in the same way as are the numbers of the following set.

- (4, 26, 9)
- (a) (11, 28, 3)
- (b) (7, 20, 5)
- (c) (5, 25, 5)
- (d) (6, 15, 2)

**Q10.** In the following question, select the related number from the given alternatives.

- 13: 172 :: 15 : ? (a) 232
- (b) 228
  - (c) 242
  - (d) 282

**Q11.** Select the word-pair in which the two words are related in the same way as the two words in the following word-pair?

Car: Garage :: Aeroplane : ?

- (a) Port
- (b) Harbour
- (c) Depot
- (d) Hanger

**Q12.** Select the alternative which has the same relation to the third word as the second word is to the first word.

Tall: Short :: Fraud : ?

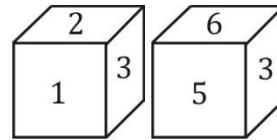
- (a) Casual
- (b) Correct
- (c) Loyalty
- (d) Cunning

**Q13.** Select the word pair in which the two words are related in the same way as are two words in the following word pair.

CORE : DNSF

- (a) RACE : QBBF
- (b) TOST : UNTU
- (c) RIDE : SJCD
- (d) MICK : NHDJ

**Q14.** Which digit will appear on the face opposite to the face number 4?



- (a) 5
- (b) 3
- (c) 6
- (d) 2

**Q15.** Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow (s) from the given statements.

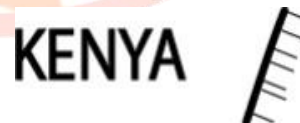
**Statements:**

- I. All red are bus.
- II. Some Bus are yellow
- III. Some red are Car

**Conclusions:**

- I. Some Bus are not yellow
- II. Some Car is Bus
- III. Some yellow is Red
- (a) All follows
- (b) only I and II follows
- (c) Only II follows
- (d) None of these

**Q16.** If a mirror is placed on the shaded line, then which of the following options is the right image of the given figure?



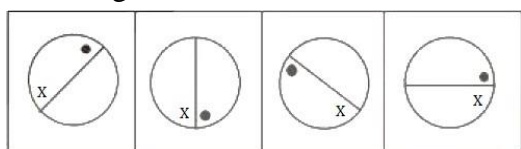
- (a)
- (b)
- (c)
- (d)

**Q17.** Choose the correct water image of the given question from the given options.

**SCREEN**

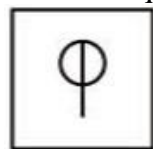
- (a) **SCREEN**  
 (b) **SCREEN**  
 (c) **SCREEN**  
 (d) **SCREEN**

**Q18.** Select the figure that will come next in the following series.

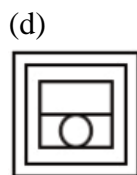
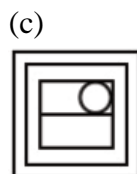
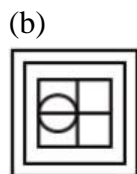


- (a)   
 (b)   
 (c)   
 (d)

**Q19.** From the given answer figures, select the one in which the question figure is hidden/embedded.



- (a)



**Q20.** In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

**Statements:**

**I.** Some pins are cups.

**II.** No cup is book.

**Conclusions:**

**I.** Some pins are books.

**II.** Some pins are not books.

- (a) Only conclusion (I) follows  
 (b) Only conclusion (II) follows  
 (c) Both conclusions follow  
 (d) Neither conclusion (I) nor conclusion (II) follows

**Q21.** In a row of cars, blue car is 13<sup>th</sup> from left and 24<sup>th</sup> from right. How many cars are there in the row?

- (a) 36
- (b) 37
- (c) 35
- (d) 34

**Q22.** What will come in the place of question mark (?) in the following series?

NP, OQ, QS, TV, ?

- (a) XX
- (b) XZ
- (c) WZ
- (d) WX

**Q23.** Identify the one which is different from others.

- (a) River
- (b) Pond
- (c) Well
- (d) Tank

**Q24.** In a certain code language 'RAMNIWAS' is written as 'QBLOHXZT' then how 'VISHNOI' coded in that code language.

- (a) UJRINPH
- (b) UJRIMPH
- (c) UJQIMPH
- (d) None of these

**Q25.** Which number will come next in the following series?

100, 60, 40, 30, ?

- (a) 15
- (b) 25
- (c) 24
- (d) 30

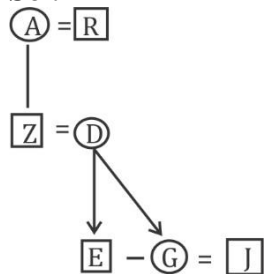
## Solutions

**S1. Ans.(b)**

**Sol.**  $12 + 14 = 26$

**S2. Ans.(d)**

**Sol.**



**S3. Ans.(a)**

**Sol.** The pattern is

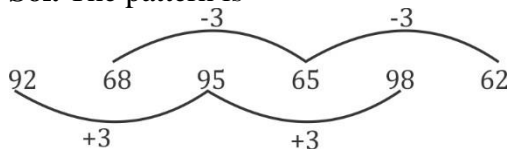
$$14 : 98 = \frac{(14)^2}{2} = \frac{196}{2} = 98$$

Similarly

$$24 : 288 = \frac{(24)^2}{2} = \frac{576}{2} = 288$$

**S4. Ans.(c)**

**Sol.** The pattern is



**S5. Ans.(d)**

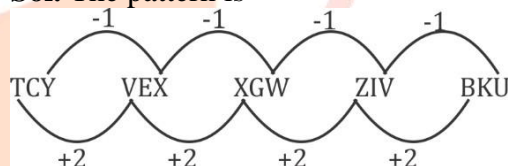
**Sol.** The pattern is

+3, +5

All are similar except (d)

**S6. Ans.(b)**

**Sol.** The pattern is



**S7. Ans.(d)**

**Sol.**  $18 \div 6 - 6 \div 3 + 2 = 3$

$$\Rightarrow 3 - 2 + 2 = 3$$

$$3 = 3$$

**S8. Ans.(b)**

**Sol.** Opposite letters pattern is being used.

**S9. Ans.(a)**

**Sol.** The pattern is

$$(I^{st} + III^{rd}) \times 2 = II^{nd}$$

Similarly,

$$(11, 28, 3) = (11 + 3) \times 2 = 28$$

**S10. Ans.(b)**

**Sol.** The logic is

$$13 : 172 = (13)^2 + 3 = 169 + 3 = 172$$

Similarly,

$$15 : 228 = (15)^2 + 3 = 225 + 3 = 228$$

**S11. Ans.(d)**

**Sol.** As, Car is related to Garage

Similarly,

Aeroplane related to bee hive.

**S12. Ans.(c)**

**Sol.** As Short is opposite of Tall

Similarly, Loyalty is opposite of Fraud

**S13. Ans.(b)**

**Sol.**

C	O	R	E
+1 ↓	-1 ↓	+1 ↓	+1 ↓
D	N	S	F

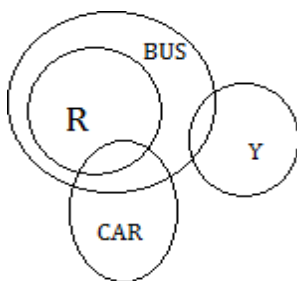
**S14. Ans.(b)**

**Sol.**

3	1	2
↓	↓	↓
4	5	6

**S15. Ans.(c)**

**Sol.**



**S16. Ans.(d)**

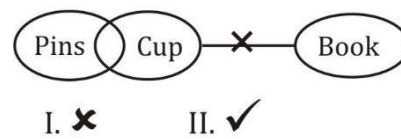
**S17. Ans.(b)**

**S18. Ans.(b)**

**S19. Ans.(b)**

**S20. Ans.(b)**

**Sol.**



I. ✗

II. ✓

**S21. Ans.(a)**

**Sol.** Total cars in the row =  $13 + 24 - 1 = 36$

**S22. Ans.(b)**

**Sol.** The pattern for 1st letter and 2nd letter of every term is +1, +2, +3, +4

**S23. Ans.(a)**

**Sol.** All others are closed water containing body.

**S24. Ans.(b)**

**Sol.** -1, +1 Series

**S25. Ans.(b)**

**Sol.** The pattern is -40, -20, -10, -5