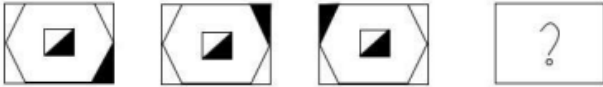


## CG TET Hindi Pedagogy Questions with Solutions (30 Questions)

**Q1.** Select the figure that will replace the question mark (?) in the following figure series.



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

**Q2.** 'History' is related to 'Social Science' in the same way as 'Physics' is related to '\_\_\_\_\_'.  
(a) Equations  
(b) Science  
(c) Humanities  
(d) Elements

**Q3.** In a certain code language, 'YOU' is written as '71' and 'TOO' is written as '60'. How will 'SIT' be written in that language?  
(a) 94  
(b) 96  
(c) 90  
(d) 58

**Q4.** Three of the following four words are alike in a certain way and one is different. Pick the odd word out.  
(a) Inquire  
(b) Deliberate  
(c) Explore  
(d) Examine

**Q5.** Which two signs should be interchanged to make the given equation correct?  
 $95 * 5 + 19 \div 2 - 21 = 36$

- (a)  $\div$  and  $-$   
(b)  $+$  and  $*$   
(c)  $\div$  and  $*$   
(d)  $+$  and  $-$

**Q6.** Select the option that is related to the third number in the same way as the second number is related to the first number.  
 $13 : 2198 :: 14 : ?$

- (a) 2729  
(b) 2332  
(c) 122  
(d) 2745

**Q7.** Select the set in which the numbers are related in the same way as are the numbers of the following set.  
(17, 17, 272)

- (16, 15, 241)  
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

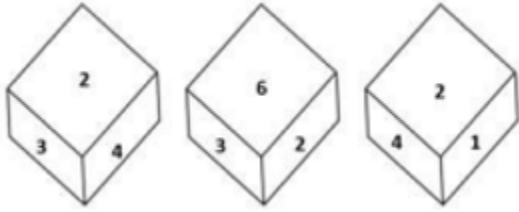
- (a) (3, 3, 3)  
(b) (3, 5, 11)  
(c) (3, 2, 9)  
(d) (3, 2, 7)

**Q8.** Select the missing number from the given options.

7	4	1
5	3	2
84	28	?

- (a) 8  
(b) 7  
(c) 3  
(d) 6

**Q9.** Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.



- (a) 3
- (b) 5
- (c) 6
- (d) 4

**Q10.** Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.  
 $14 : 400 :: 37 : ? :: 42 : 2304$

- (a) 1333
- (b) 1521
- (c) 1764
- (d) 1849

**Q11.** Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Bear : Sleuth

- (a) Player : Class
- (b) Sailors : Crew
- (c) Pupils : Team
- (d) Soldiers : Colony

**Q12.** The ages of Baldev and Mohit differs by 8 years. 3 years ago, Nitin's age was thrice as that of Baldev's. Find the sum of their ages.

- (a) 20 years
- (b) 27 years
- (c) 22 years
- (d) 25 years

**Q13.** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$3 : 24 :: 8 : 509 :: 6 : ?$

- (a) 356
- (b) 316
- (c) 242
- (d) 213

**Q14.** In the following questions, find the odd number from the given alternatives.

- (a)  $97 - 40$
- (b)  $87 - 30$
- (c)  $106 - 49$
- (d)  $80 - 47$

**Q15.** Select the set in which the numbers are related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.  $13 -$  Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- (5, 98, 9)
- (10, 168, 14)
- (a) (3, 88, 17)
- (b) (1, 28, 3)
- (c) (15, 248, 19)
- (d) (7, 108, 23)

**Q16.** How many triangles are there in the following figure?



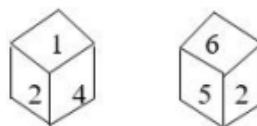
- (a) 30
- (b) 28
- (c) 32
- (d) 34

**Q17.** Which number will replace the question mark (?) in the following series?

3, 13, 53, 213, ?, 3413

- (a) 953
- (b) 1053
- (c) 853
- (d) 753

**Q18.** Two rotated positions of a dice are given below. Which number will be at the top if '3' is at the bottom?



- (a) 4
- (b) 1
- (c) 2
- (d) 6

**Q19.** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1- Empress
- 2- Employee
- 3- Empty
- 4- Emporium
- 5- Employer
- (a) 5, 2, 1, 4, 3
- (b) 2, 5, 4, 1, 3
- (c) 5, 2, 4, 1, 3
- (d) 2, 5, 1, 4, 3

**Q20.** Select the option figure that is embedded in the given figure. (Rotation is not allowed).



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

**Q21.** Find the wrong term in the given series:

- 2, 3, 6, 10, 18, 27
- (a) 10
  - (b) 18
  - (c) 6
  - (d) 2

**Q22.** Nancy ranks eighth from the top and 31st from the bottom. How many students are there in the class?

- (a) 40
- (b) 38
- (c) 39
- (d) 43

**Q23.** Find the odd one out from the given alternatives.

- (a) Sofa set
- (b) Carpet
- (c) Bench
- (d) Stool

**Q24.** Choose the odd numeral pair/group in each of the following question:

- (a) 2 (35) 3
- (b) 4 (280) 6
- (c) 4 (442) 7
- (d) 3 (243) 6

**Q25.** If CCTV is called Television, Television is called Radio, Radio is called Pen and Pen is called Fan, then which is used to write?

- (a) Pen
- (b) Fan
- (c) CCTV
- (d) Radio

**Q26.** In a certain code language, if ACADEMY = 49 and ACCURACY = 64, Then MARVELLOUS = ?

- (a) 81
- (b) 121
- (c) 100
- (d) 88

**Q27.** Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



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

**Q28.** In the following question, select the related letter/word/number from the given alternatives.

PAINTING : ARTIST :: \_\_\_\_ : COOK

- (a) Singer
- (b) Novel
- (c) Meal
- (d) Music

**Q29.** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1- Laudanum

2- Lattice

3- Laudation

4- Latterly

5- Laudable

(a) 2, 4, 1, 5, 3

(b) 4, 2, 5, 1, 3

(c) 4, 2, 3, 1, 5

(d) 2, 4, 5, 3, 1

**Q30.** In the following question, select the related letter/ word/ number from the given alternatives.

CG : EI :: \_ ?

(a) FK : JK

(b) FJ : HL

(c) FJ : GK

(d) IJ : KH

## Solutions

**S1. Ans.(d)**

**Sol.**

**S2. Ans.(b)**

**Sol.**

'History' is related to 'Social Science'. Similarly, 'Physics' is related to 'Science'.

**S3. Ans.(d)**

**Sol.**

$$\text{YOU} = (25 + 15 + 21) + 10 = 71$$

$$\text{TOO} = (20 + 15 + 15) + 10 = 60$$

Similarly,

$$\text{SIT} = (19 + 9 + 20) + 10 = 58$$

**S4. Ans.(b)**

**Sol.**

Except deliberate, all other are synonyms of each other.

**S5. Ans.(c)**

**Sol.**

$$95 \div 5 + 19 * 2 - 21 = 36$$

$$19 + 38 - 21 = 36$$

$$36 = 36$$

**S6. Ans.(d)**

**Sol.**

$$13^3 + 1 = 2198$$

and

$$14^3 + 1 = 2745$$

**S7. Ans.(d)**

**Sol.**

$$(17, 17, 272)$$

$$(17^2) - 17 = 272$$

$$(16, 15, 241)$$

$$(16^2) - 15 = 241$$

Similarly,

$$(3, 2, 7)$$

$$(3^2) - 2 = 7$$

**S8. Ans.(c)**

**Sol.**

$$7^2 + 7 * 5 = 49 + 35 = 84$$

$$4^2 + 4 * 3 = 16 + 12 = 28$$

and

$$1^2 + 1 * 2 = 1 + 2 = 3$$

**S9. Ans.(c)**

**Sol.**

4 is opposite to 6

3 is opposite to 1

and

5 is opposite to 2

**S10. Ans.(d)**

**Sol.**

$$(14 + 6)^2 = 20^2 = 400$$

$$(37 + 6)^2 = 43^2 = 1849$$

and

$$(42 + 6)^2 = 48^2 = 2304$$

**S11. Ans.(b)**

**Sol.**

Group of Bear is called Sleuth.  
Similarly,  
Group of Sailors is called crew.

**S12. Ans.(c)**

**Sol.**

Let the ages of Baldev and Mohit be  $x$  yrs.

And  $(8 + x)$  yrs, respectively.

Now,  $(8 + x - 3) = 3(x - 3)$

$$x + 5 = 3x - 9$$

$$2x = 14$$

$$x = 7$$

Therefore,

Required sum

$$= 7 + (8 + 7) = 7 + 15 = 22 \text{ yrs}$$

**S13. Ans.(d)**

**Sol.**

$$3^3 - 3 = 27 - 3 = 24$$

$$8^3 - 3 = 512 - 3 = 509$$

Similarly,

$$6^3 - 3 = 216 - 3 = 213$$

**S14. Ans.(d)**

**Sol.**

$$97 - 40 = 57$$

$$87 - 30 = 57$$

$$106 - 49 = 57$$

$$80 - 47 = 33 \text{ not } 57$$

**S15. Ans.(b)**

**Sol.**

$$5 + 9 = 14 * 7 = 98$$

$$10 + 14 = 24 * 7 = 168$$

Similarly,

$$1 + 3 = 4 * 7 = 28$$

**S16. Ans.(c)**

**Sol.**

**S17. Ans.(c)**

**Sol.**

$$3 * 4 + 1 = 13$$

$$13 * 4 + 1 = 53$$

$$53 * 4 + 1 = 213$$

$$213 * 4 + 1 = 853$$

$$853 * 4 + 1 = 3413$$

**S18. Ans.(c)**

**Sol.**

1 is opposite to 5

4 is opposite to 6

and

2 is opposite to 3

**S19. Ans.(b)**

**Sol.**

**S20. Ans.(d)**

**Sol.**

**S21. Ans.(a)**

**Sol.**

The logic is:

$$2 + 1 = 3$$

$$3 + 3 = 6$$

$$6 + 5 = 11 \text{ not } 10$$

$$11 + 7 = 18$$

$$18 + 9 = 27$$

**S22. Ans.(b)**

**Sol.**

Nancy ranks eighth from the top and 31st from the bottom.

Total number of students in the class =  $(8 + 31) - 1 = 38$

**S23. Ans.(b)**

**Sol.**

Except carpet, all others are furniture. While carpet is textile.

**S24. Ans.(c)**

**Sol.**

$$2 (35) 3 \Rightarrow 2^3 + 3^3 = 8 + 27 = 35$$

$$4 (280) 6 \Rightarrow 4^3 + 6^3 = 64 + 216 = 280$$

$$4 (442) 7 \Rightarrow 4^3 + 7^3 = 64 + 343 = 407 \text{ not } 443$$

$$3 (243) 6 \Rightarrow 3^3 + 6^3 = 27 + 216 = 243$$

Hence c is the odd one out

**S25. Ans.(b)**

**Sol.**

Pen is used to write and Pen is called Fan.

So, Fan is used to write.

Hence, Fan is the correct answer.

**S26. Ans.(c)**

**Sol.**

The logic is

ACADEMY = 49

Number of alphabets in ACADEMY is 7 and  $7^2 = 49$

ACCURACY = 64

Number of alphabets in ACCURACY is 8 and  $8^2 = 64$

Similarly,

MARVELLOUS =  $10^2$

Number of alphabets in MARVELLOUS is 10 and  $10^2 = 100$

**S27. Ans.(a)**

**Sol.**

**S28. Ans.(c)**

**Sol.**

The logic is:

PAINTING : ARTIST  $\Rightarrow$  A painting is made by Artist.

Similarly,

\_\_\_\_\_ : Cook  $\Rightarrow$  Meal is prepared by a cook.

Hence, 'Meal' is the correct answer.

**S29. Ans.(b)**

**Sol.**

**S30. Ans.(b)**

**Sol.**

C + 2 = E

G + 2 = I

Similarly,

F + 2 = H

J + 2 = L

