

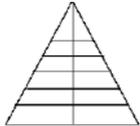
19

Practice Set

1. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

(a) IRYB (b) LYG
(c) MGHZ (d) NCPV

2. How many triangles are present in the given figure



(a) 13 (b) 15
(c) 18 (d) 19

3. In a certain code language 'CERTAIN' is coded as 'HJWYFNS' and 'COMPARE' is coded as 'HTRUFWJ'. How will 'EDUCATE' be coded in that language?

(a) JIZHFY (b) JIHFTUV
(c) MKLFGHI (d) WMTVOSP

4. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series

C _ D _ _ O _ E _ O D _

(a) OECDC (b) OECDEC
(c) EOCDEC (d) DECDEF

5. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

$56 * 8 * 5 * 40 * 28 * 47$

(a) $\div, +, \times, =$ (b) $\div, \times, +, -, =$
(c) $\times, -, \div, +, =$ (d) $\div, \times, -, +, =$

6. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

5	27	55
9	36	99
22	25	?

(a) 121 (b) 125
(c) 115 (d) 110

7. Four number-pairs have been given out of which three are like in same manner and one is different. Select the number pair that is different.

(a) 63 : 127 (b) 73 : 154
(c) 89 : 187 (d) 25 : 146

8. Select the option that is related to the third word in the same way as the second word is related to the first word.

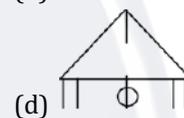
Ophthalmology : eye :: Osteology :

(a) Skin (b) Bones
(c) Stomac (d) Teeth

9. Pointing to a player in the ground, Anjali said, "He is my paternal grand mother's only son's only son - in-law's Son". How is that player's father related to Anjali?

(a) Brother (b) Uncle
(c) Cousin (d) Husband

10. Select the option figure that is embedded in the given figure below



11. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

$13 : 160 :: ? : 216 :: 18 : 315$

(a) 15 (b) 16
(c) 14 (d) 12

12. Select the option in which the number one related in the same way as are the numbers of the following set.

(8, 14, 260)

(a) (9, 18, 410) (b) (12, 11, 966)
(c) (8, 17, 357) (d) (9, 15, 306)

13. Read the given statements and conclusion carefully. Assuming that the information given in the statement is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion logically follow from the statements.

Statement :

All Dogs are Pigeons.

No Pigeons are fish.

Some Dogs are human beings.

Conclusion :

I. Some Pigeons are human beings.

II. No fish is dog.

III. All fish is human being.

(a) Both conclusion I and III follows.

(b) Only conclusion III follows.

(c) Only conclusion I follows.

(d) Both conclusion I and II follows.



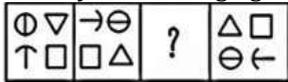
14. Select the letter-cluster from among the given options that can replace question mark(?) in the following series

- MCDP, RCIP, RHIU, WHNU, WMSZ, ?
 (a) MBYT (b) BMSZ
 (c) ZBCL (d) MSTO

15. In a certain code language, 'WASTE' is written as 'CZYGK'. How will 'HUMAN' be written in that language?

- (a) POZWN (b) NFSZT
 (c) CFKHN (d) SZTVN

16. Identify the missing figure in the following series.



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

17. Four words have been given, out of which three are like in some manner and one is different. Select the word that is different.

- (a) Monitor (b) Hard disk drive
 (c) Internet Browser (d) Memory Card

18. Three different position of the same dice are shown. Select the symbol that will be on the face opposite to the face having '@'.



- (a) % (b) &
 (c) ? (d) *

19. Select the correct mirror image of the given combination when the mirror is placed to 'PQ' as shown

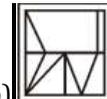
SANGITA |
 P
 Q

- (a) ATIϯNAS (b) ATIϯNAZ
 (c) ATIϯNAZ (d) SATINϯ

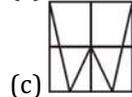
20. In which of the following options the given figure embedded.



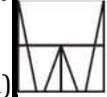
(a)



(b)



(c)



(d)

21. Select the number from among the given options that can replace the question mark(?) in the following series.

7, 13, 27, 57, 119, 245 ?

- (a) 487 (b) 389
 (c) 401 (d) 499

22. Select the option in which the words share the same relationship as that shared by the given pair of words.

Charlatan : Fraud

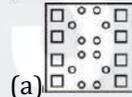
- (a) Vain : Modest (b) Vivid : Delineate
 (c) Tame : Harsh (d) Tranquil : Visual

23. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Ecology 2. Electric
 3. Escalation 4. Escapist
 5. Escapes 6. Escapists

- (a) 1, 2, 3, 4, 5, 6 (b) 1, 2, 3, 5, 4, 6
 (c) 3, 4, 5, 2, 1, 6 (d) 6, 3, 4, 2, 1, 5

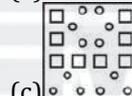
24. The sequence of folding a piece of paper (fig X and Y) the manner in which folded paper has been cut. how will the paper appear when unfolded?



(a)



(b)

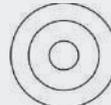


(c)



(d)

25. Select the set of classes, the relationship among which is best illustrated by following Venn diagram.



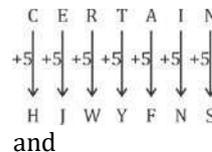
- (a) India, U.P, Kashi
 (b) Vegetarian, Women, Sister
 (c) Girls, Boys, Intelligence
 (d) Stationary, Pencil, Students

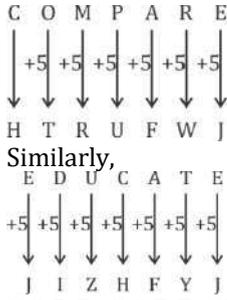
Solutions

1. (d): IRYB $\Rightarrow 9 + 18 + 25 + 2 = 54$
 LYJ $\Rightarrow 12 + 25 + 7 + 10 = 54$
 MGHZ $\Rightarrow 13 + 7 + 8 + 26 = 54$
 NCPV $\Rightarrow 14 + 3 + 16 + 22 = 55$

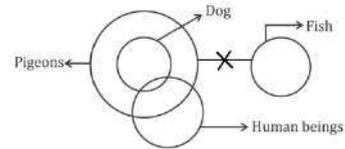
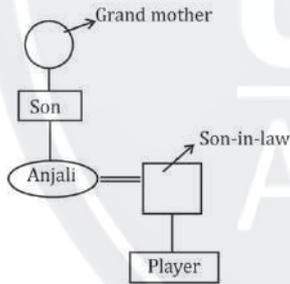
2. (c):

3. (a):



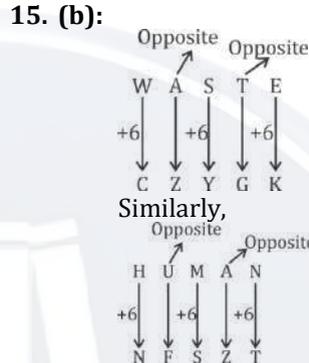


4. (a): C O D E / C O D E / C O D E
 5. (b): $56 \div 8 \times 5 + 40 - 28 = 47$
 $7 \times 5 + 40 - 28 = 47$
 $35 + 40 - 28 = 47$
 $47 = 47$
 6. (a): $5 + 27 = 32$
 Reverse it and add
 $23 + 32 = 55$
 And
 $9 + 36 = 45$
 Reverse it and add
 $54 + 45 = 99$
 Similarly,
 $22 + 25 = 47$
 Reverse it and add
 $74 + 47 = 121$
 7. (c): $127 - 63 = 64 = (8)^2$
 $154 - 73 = 81 = (9)^2$
 $187 - 89 = 98 \neq (_)^2$
 $146 - 25 = 121 = (11)^2$
 8. (b): Study of eye is known as ophthalmology.
 Similarly study of bones is known as osteology.
 9. (d):

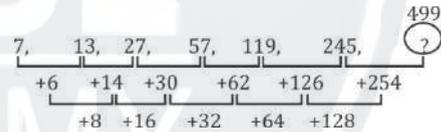


- I. ✓ II. ✓ III. ×

14. (b):
 $M \xrightarrow{+5} R \xrightarrow{+0} R \xrightarrow{+5} W \xrightarrow{+0} W \xrightarrow{+5} B$
 $C \xrightarrow{+0} C \xrightarrow{+5} H \xrightarrow{+0} H \xrightarrow{+5} M \xrightarrow{+0} M$
 $D \xrightarrow{+5} I \xrightarrow{+0} I \xrightarrow{+5} N \xrightarrow{+0} N \xrightarrow{+5} S$
 $P \xrightarrow{+0} P \xrightarrow{+5} U \xrightarrow{+0} U \xrightarrow{+5} Z \xrightarrow{+0} Z$



16. (a):
 17. (c): Except 'Internet Browser', all are the hardware device of computer.
 18. (a):
-
19. (c):
 20. (d):
 21. (d):



22. (b): Charlatan is synonyms of Fraud. Similarly, Vivid is synonyms of Delineate
 23. (b): 1. Ecology
 2. Electric
 3. Escalation
 5. Escapes
 4. Escapist
 6. Escapists
 24. (a):
 25. (a):

