

Logical Ability Question & Answers

1. Introducing a man, a woman said, "His mother is the only daughter of my father". How is the man related to the woman

a) Son

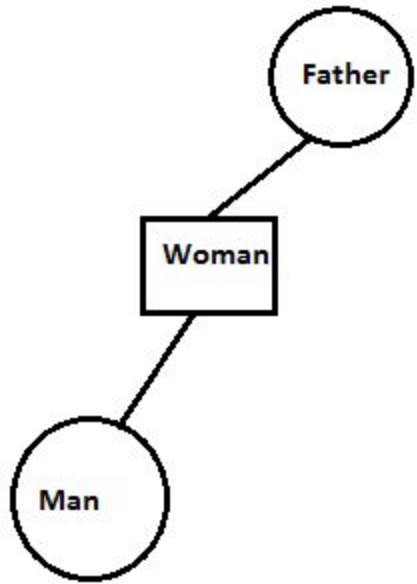
b) Father

c) Brother

d) Uncle

Ans. (a.)

Explanation: From the figure given below- we can conclude that the man is the son of the woman.



Directions: In Question nos. 2 to 7, select the related word/letters/number from the given alternatives.

2. BLOCKED : YOLXPVW : : ? : OZFMMXS

- a) LABOURS
- b) LAUNNCH
- c) DEBATES
- d) RESULTS

Ans. (b.)

Explanation: From the first couplet, we can relate then alphabets as per the following table-

A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Hence, the required answer will be- LAUNNCH.

3. 12 : 72 :: 8 : ?

a) 36

b) 32

c) 38

d) 40

Ans. (b.)

Explanation: $72 = 12 \times (12/2)$;

The required answer = $8 \times (8/2) = 32$;

4. FIG : EGHJFH :: BIN : ?

a) ACJHMO

b) CAHJMO

c) CAJHOM

d) ACHJMO

Ans. (d.)

Explanation: In the first couplet, F ---> EFG; I---> HIJ; G----> FGH;

A	B	C	D	E	F	G	H	I	J	K	L	M
---	---	---	---	---	---	---	---	---	---	---	---	---

Similarly, BIN -----> ACHJMO;

5. 6 : 42 :: 7 : ?

a) 48

b) 40

c) 56

d) 52

Ans. (c.)

Explanation: $42 = 6 \times (6+1)$; similarly, the required answer = $7 \times (7+1) = 56$;

6. Garbage : Hose: : Gangue: ?

a) Factory

b) Drugs

c) Office

d) Ore

Ans. (d.)

Explanation: Garbage is wasted or spoiled food and Hose is a flexible tube conveying water/other liquids. Similarly, Gangue is the commercially valueless material in which ore is found. Hence, option(d.) is the correct answer.

<https://www.freshersnow.com/previous-year-question-papers/>

7. DBU : EEZ : : CJH : ?

a) DMN

b) DNM

c) DNN

d) DMM

Ans. (d.)

Explanation: DBU ----- (+1)(+3)(+5)----- EEZ;

CJH----- (+1)(+3)(+5)----- DMM.

Directions: In Question nos. 8 to 13, find the odd word/letters/number from the given alternatives.

8.

a) Lawyer

b) Legislator

c) Mayor

d) Governor

Ans. (a.)

Explanation: All except lawyer are government officials. Hence, option (a.) is the correct answer.

9.

- a) Acute
- b) Parallel
- c) Right
- d) Obtuse

Ans. (b.)

Explanation: All except parallel are types of angles. Hence, option (b.) is the correct answer.

10.

- a) 50
- b) 120
- c) 37
- d) 145

Ans. (c.)

Explanation: All except 37 are divisible by 5.

11.

a) B S

b) E V

c) D X

d) I Z

Ans. (c.)

Explanation: All except DX have relative distance of 17 in the English dictionary.

12.

a) OKHA

b) PERU

c) ERKU

d) ANDI

Ans. (b.)

Explanation: All except PERU have two vowels at starting and ending position. Hence, option (b.) is the right answer.

13.

a) 200

b) 191

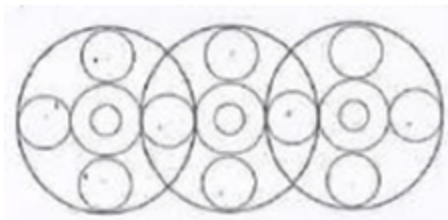
c) 808

d) 1331

Ans. d.

Explanation: All except 1331 are not cubes of any number.

14. Find out the number of circles in the figure.



a) 18

b) 20

c) 16

d) 19

Ans. (d.)

Explanation: There are 7 circles in one circle. Hence, the total number of circles = $7 \times 3 - 2$
(common circles) = 19.

Direction: In Question nos. 15 to 17, which one set of letters/numbers when sequentially placed at the gaps in the given letter series shall complete it?

15. SH_ELAS_EELA_HEELASHEE_A

a) HHSS

b) EEHS

c) ELHA

d) EHSL

Ans. (d.)

Explanation: After learning from the given pattern, we can find-

- i. 'H' is always followed by 'E' and preceded by 'S'.

- ii. 'S' is always followed by 'H'.
- iii. 'A' is always followed by 'S' and preceded by 'L'.

Hence, the correct answer will be= EHSL.

16. 12_41_4123__234

- a) 3212
- b) 2134
- c) 3241
- d) 1432

Ans. (c.)

Explanation: After learning from the given pattern, we can find-

- i. '2' is followed by '3' and preceded by '1'.
- ii. '4' is followed by '1' and preceded by '3'.
- iii. '3' is followed by '4'.
- iv. '1' is followed by '2'.

Hence, the correct answer will be= 3241

17. __ aba __ ba _ ab

a) abbbb

b) baabb

c) bbaba

d) abbab

Ans. (d.)

Explanation: After learning from the given pattern, we can find-

i. 'a' is followed by 'b' and preceded by 'b'.

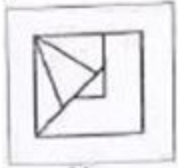
ii. 'b' is followed by 'a' and preceded by 'a'.

Hence, the correct answer will be= abbab.

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



a)



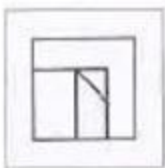
b)



c)



d)



Ans. (d.)

Explanation: Superimposing the problem figure on each option, we will get option (d.) as the correct answer.

19. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of number given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered form 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter form these matrices can be represented

first by its row and next by its column, e.g. 'A' can be represented by 01, 14 etc. and 'M' can be represented by 56, 68 etc. Similarly, you have to identify the set for the word 'EAGLE'.

Matrix-I

		1	2	3	4
	P	A	G	R	Z
1	G	R	Z	P	A
2	Z	P	A	G	R
3	A	G	R	Z	P
4	R	Z	P	A	G

MATRIX - II

	5	6	7	8	9
5	E	M	L	N	O
6	L	E	O	M	N
7	O	N	E	L	M

8	N	O	M	E	L
9	M	L	N	O	E

a) 88, 22, 31, 89, 76

b) 66, 43, 44, 79, 88

c) 99, 01, 44, 96, 77

d) 55, 14, 11, 78, 66

Ans. (c.)

Explanation: Let us find all coding of the word EAGLE.

E= 55, 66, 77, 88, 99;

A= 01, 14, 22, 30, 43;

G= 02, 10, 23, 31, 44;

L= 57, 65, 78, 89, 96;

Hence, the correct answer among the given options will be option (c).

20. In a certain code, FRACTION is written as FNAITCOR. How is QUANTITATIVE written in that code?

a) QTNVIAITETU

b) QIATAETUTNVI

c) QTEATUIAVITN

d) QEAITATITNVU

Ans. (d.)

Explanation: From the given table, we can observe that the alphabets at odd positions are not changed and even positioned alphabets are replaced with the remaining from the end of the word.

F	R	A	C	T	I	O	N
F	N	A	I	T	C	O	R

Similarly,

Q	U	A	N	T	I	T	A	T	I	V	E
Q	E	A	I	T	A	T	I	T	N	V	U

Hence, the correct answer will be = QEAITATITNVU.