

iRAO

International Reasoning and Aptitude Olympiad



Presented by:
**SILVER
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CLASS 10 SAMPLE QUESTIONS

The Actual Question Paper Contains 40 Questions. The Duration of the Test Paper is 50 Minutes.

1. In a certain code language

(i) 'count me out' is written as '874'.

(ii) 'you can count' is written as '719'.

(iii) 'you and me' is written as '924'

How will 'and' be written in that code language?

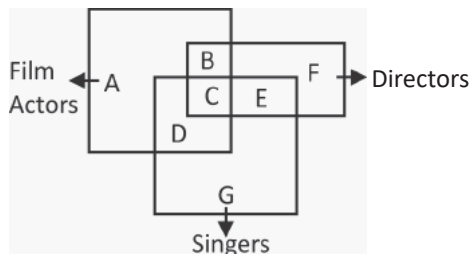
(A) 4

(B) 7

(C) 9

(D) 2

2. In the following venn diagram, identify the letter which denotes Film Actors who are Singers but not Directors.



(A) D

(B) C

(C) E

(D) F

3. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in the two matrices given below. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix - II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'D' can be represented by 02, 14 etc., and 'R' can be represented by 57, 76 etc. Similarly, you have to identify the set for the word. "BEST"

MATRIX-I

	0	1	2	3	4
0	B	C	D	E	F
1	E	F	B	C	D
2	C	D	E	F	B
3	F	B	C	D	E
4	D	E	F	B	C

MATRIX-II

	5	6	7	8	9
5	P	Q	R	S	T
6	S	T	P	Q	R
7	Q	R	S	T	P
8	T	P	Q	R	S
9	R	S	T	P	Q

(A) 24, 22, 77, 96

(B) 24, 22, 76, 97

(C) 24, 21, 77, 97

(D) 24, 22, 77, 97

4. Given that

1. A is the brother of B

2. C is the father of A

3. D is the brother of E

4. E is the daughter of B

Then, the uncle of D is

(A) A

(B) B

(C) C

(D) E

5. Examine the following three figures in which the numbers follow a specific pattern.

84		81		88	
14	12	18	9	?	11

Find the missing number (?) in the third figure.

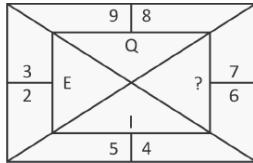
(A) 7

(B) 16

(C) 21

(D) 28

6. Find the missing letter in the following table.



- (A) R
(B) N
(C) M
(D) L

7. In a certain code language,

"only in serial order" is written as "ve pu na to"

"order in the state" is written as "li ve su pu"

"the logical idea only" is written as "su na ri jo"

and "in idea or theory" is written as "zt jo bk pu"

The code 'li ri to ve' may represent which of the following?

- (A) serial order theory only
(B) only idea state order
(C) state logical serial order
(D) serial theory state the

8. While sitting in a park, you observe that a man comes to the place on a motorbike, leaves it there and goes away with someone else in a car. You would:

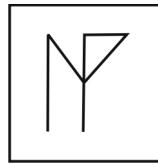
- (A) chase the person.
(B) inform the police
(C) call back the person.
(D) remain engaged in your enjoyment.

9. Six students – A, B, C, D, E and F are sitting in a ground, A and B have come from Delhi while other from Bangalore. D and F are tall and all others are short. A, C and D are girls while other are boys. Who is the tall girl hailing from Bangalore?

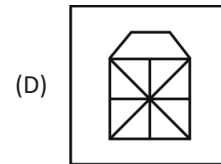
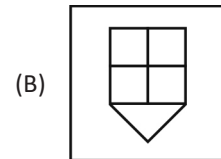
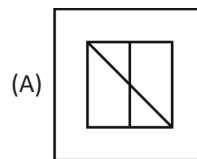
- (A) C (B) D
(C) E (D) F

10. Select the answer figure in which the question figure is hidden/embedded.

Question figure:



Answer figures:



ANSWERS

1. (D) 2. (A) 3. (D) 4. (A) 5. (B) 6. (C) 7. (C) 8. (B) 9. (B) 10. (D)