



# SAMPLE PAPER

◆ International Olympiad Foundation ◆



**EXCELLENCE IN EDUCATION**  
International Olympiad Foundation

<b>14+</b> OLYMPIADS	<b>MCQ</b> FORMAT	<b>0</b> NEGATIVE MARKS
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**OLYMPIAD**

## Reasoning & Aptitude Olympiad

International Olympiad Foundation (IOF) · www.iof.education

CLASS / GRADE

**Class 4**

SUBJECT

**IFRAO**

DURATION

**60 Min**

MAX MARKS

**35**

**GENERAL INSTRUCTIONS**

- All questions are Multiple Choice Questions (MCQs) with options A, B, C, D, E
- Each correct answer carries 1 mark. No negative marking for wrong answers.
- Rough work should be done separately. Do not write on question paper.

**PAPER HIGHLIGHTS**

- **Multiple Choice Questions (MCQ)**  
Five options per question (A, B, C, D, E). Select the single most appropriate answer.
- **No Negative Marking**  
1 mark per correct answer. Zero deductions — attempt every question.
- **Conducted by IOF**  
International Olympiad Foundation — fostering excellence among students across India.

**SUBJECTS**

- Cyber English Entrepreneurship Mathematics Commerce Economics GK & Current Affairs Science Western Music  
Sanskrit Indian Music Hindi Reasoning & Aptitude Spell Talent

◆ ALL IOF OLYMPIAD PROGRAMMES ◆

<b>IFCO</b> International Foundation Cyber Olympiad	<b>IFEO</b> International Foundation English Olympiad	<b>IFEnO</b> International Foundation Entrepreneurship Olympiad	<b>IFMO</b> International Foundation Mathematics Olympiad	<b>IISI</b> Institute of Company Secretaries of India Commerce Olympiad	<b>IFeCO</b> International Foundation Economics Olympiad	<b>IFGCO</b> International Foundation General Knowledge & Current Affairs Olympiad
<b>IFSO</b> International Foundation Science Olympiad	<b>IFWMuO</b> International Foundation Western Music Olympiad	<b>IFSaO</b> International Foundation Sanskrit Olympiad	<b>IFIMuO</b> International Foundation Indian Music Olympiad	<b>IFHO</b> International Foundation Hindi Olympiad	<b>IFRAO</b> International Foundation Reasoning & Aptitude Olympiad	<b>IFSTO</b> International Foundation Spell Talent Olympiad

**Q1.** Choose the correct option.

[+1]  
[-0]

KT is related to NR in the same way as IR is related to

- A. PL
- B. JS
- C. LP
- D. HT
- E. None of these

**Q2.** Find the number which completes the second pair in the same way as first pair.

[+1]  
[-0]

3 : 27 :: 5 : ?

- A. 100
- B. 90
- C. 120
- D. 125
- E. None of these

**Q3.** Choose the odd pair of letters.

[+1]  
[-0]

JKL , GHI , OPQ , ILT

- A. JKL
- B. GHI
- C. OPQ
- D. ILT
- E. None of these

**Q4.** The missing letters are given in the proper sequence as one of the option. Choose the correct option.

[+1]  
[-0]

R \_ MR \_ M \_ \_ M

- A. A A A A
- B. A A R A
- C. A A R R
- D. R R A A
- E. None of these

**Q5.** Choose the letter that can be moved from the word on the left to the word on the right, making two new words. Letters cannot be rearranged but can fit anywhere in second word.

[+1]  
[-0]

Liner      Bother

- A. l
- B. i
- C. n
- D. e
- E. r

Q6. Choose the odd one out.

[+1]  
[-0]

Screw , Nail , Hammer , Needle , Pin

- A. Screw
- B. Nail
- C. Hammer
- D. Needle
- E. Pin

Q7. Find the words, one from each group that are most opposite in meaning.

[+1]  
[-0]

(break ignore hit) (poke miss aim)

P – break
Q – ignore
R – hit

X – poke
Y – miss
Z – aim

- A. P → X
- B. Q → Z
- C. R → Y
- D. R → Z
- E. None of these

Q8. Which word completes the second pair in the same way as the first pair?

[+1]  
[-0]

Tulip : Flower :: Pine : ?

- A. Climber
- B. Tree
- C. Shrub
- D. Herb
- E. None of these

Q9. Choose the correct option to continue the series.

[+1]  
[-0]

AQ CM EI GE ?

- A. JB
- B. IB
- C. HE
- D. IA
- E. None of these

Q10. If the animals which can walk are called swimmers, animals who crawl are called flying, those living in water are called snakes and those which fly in the sky are called hunters, then what will a lizard be called?

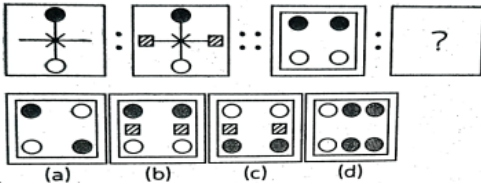
[+1]  
[-0]

- A. Swimmers
- B. Snakes
- C. Flying
- D. Hunters
- E. None of these

- Q11.** In a certain code language, FAVOUR is written as EZUNTQ, How is DANGER written in that code? [+1]  
[-0]
- A. CZMFQD
  - B. QDFMZC
  - C. CZMFDQ
  - D. CZFMDQ
  - E. None of these
- Q12.** Namita is taller than Pushpa but not as tall as Manish. Reena is taller than Namita but not as tall as Pushpa. Who among them is the tallest? [+1]  
[-0]
- A. Manish
  - B. Pushpa
  - C. Namita
  - D. Reena
  - E. None of these
- Q13.** Arrange the given words in alphabetical order and choose the one that comes at the second place. [+1]  
[-0]
- Heredity , Hesitate , Heavy , Hedge , Herald
- A. Heredity
  - B. Hesitate
  - C. Heavy
  - D. Hedge
  - E. Herald
- Q14.** If A is to the south of B and C is to the east of B, in what direction is A with respect to C? [+1]  
[-0]
- A. North - East
  - B. North-West
  - C. South-East
  - D. South-West
  - E. None of these
- Q15.** In a row of trees, one tree is tenth from either end of the row. How many trees are there in the row? [+1]  
[-0]
- A. 11
  - B. 18
  - C. 19
  - D. 20
  - E. None of these

Q16. Which figure completes the second pair in the same way as the first pair?

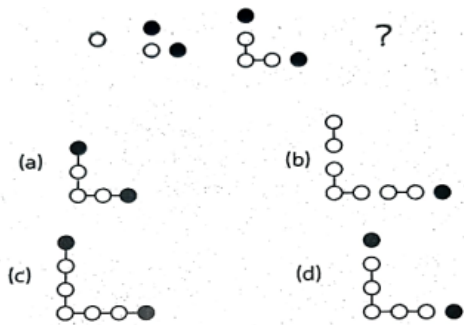
[+1]  
[-0]



- (a)
  - (b)
  - (c)
  - (d)
- A. (a)  
B. (b)  
C. (c)  
D. (d)  
E. None of these

Q17. What comes next in the given sequence?

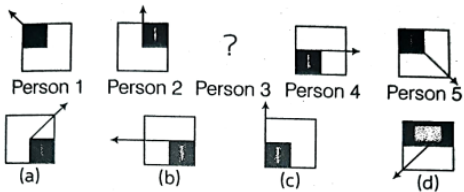
[+1]  
[-0]



- A. (a)  
B. (b)  
C. (c)  
D. (d)  
E. None of these

Q18. Five children are playing a game with a block attached with an arrow. Whenever they pass the block from one person to another, the block and the arrow moves in a certain pattern as shown below. Identify the pattern and choose the correct position of the block with the 3rd person.

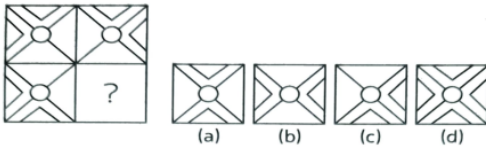
[+1]  
[-0]



- A. (a)  
B. (b)  
C. (c)  
D. (d)  
E. None of these

**Q19.** Mini drew the following rangoli pattern in her drawing book. Choose the correct option to complete the pattern.

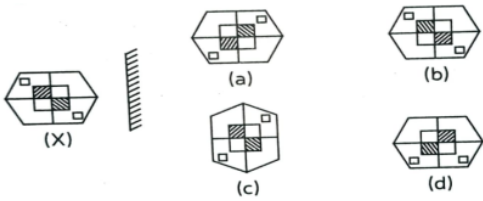
[+1]  
[-0]



- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

**Q20.** Choose the correct mirror image of the figure(X) when the mirror is placed vertically on the right side of the figure.

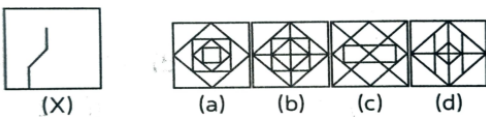
[+1]  
[-0]



- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

**Q21.** In which of the following options the given figure(X) is hidden?

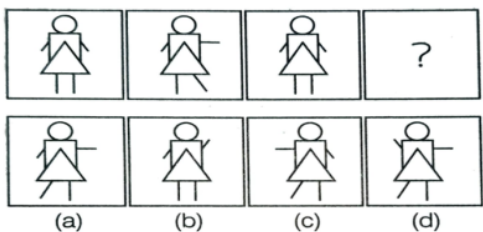
[+1]  
[-0]



- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

**Q22.** Choose the correct option which will continue the given series.

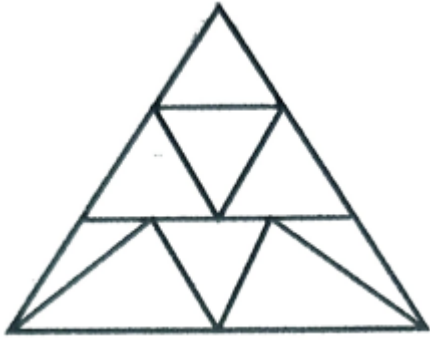
[+1]  
[-0]



- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

Q23. Count the number of triangles in the given figure.

[+1]  
[-0]



- A. 10
- B. 11
- C. 12
- D. 13
- E. None of these

Q24. Choose the correct option to complete the figure on the left side to form a square.

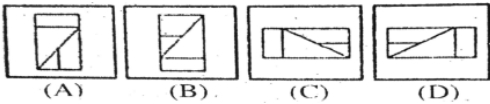
[+1]  
[-0]



- A. (A)
- B. (B)
- C. (C)
- D. (D)
- E. None of these

Q25. Choose the odd one out.

[+1]  
[-0]

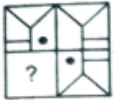


- A. (A)
- B. (B)
- C. (C)
- D. (D)
- E. None of these

**Q26.** Choose the correct option which will complete the given matrix.

[+1]  
[-0]

**Question Figure**



**Answer Figures**



- (A)
  - (B)
  - (C)
  - (D)
- A. (A)  
B. (B)  
C. (C)  
D. (D)  
E. None of these

**Q27.** Find out which of the figure from the given options can be formed from the pieces given in question figure.

[+1]  
[-0]

**Question Figure**



**Answer Figures**



- (A)
  - (B)
  - (C)
  - (D)
- A. (A)  
B. (B)  
C. (C)  
D. (D)  
E. None of these

**Q28.** Group the given figures into three classes using each figure only once.

[+1]  
[-0]



- A. (1,5,7) ; (2,4,6) ; (3,9,8)
- B. (1,5,7) ; (2,4,8) ; (3,6,9)
- C. (1,5,7) ; (4,8,9) ; (2,3,6)
- D. (1,5,7) ; (3,8,9) ; (2,4,6)
- E. None of these

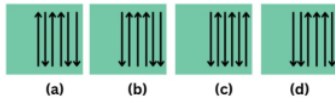
**Q29.** Choose the correct option to continue the series.

[+1]  
[-0]

**Problem Figures**



**Answer Figures**



- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

**Q30.** Which figure completes the second pair in the same way as the first pair?

[+1]  
[-0]



- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

**Q31.** Choose the correct option to continue the series.

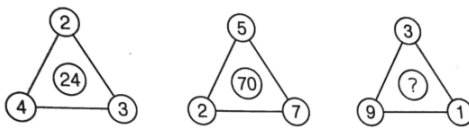
[+1]  
[-0]

7, 25, 10, 20, 13, 15, ?

- A. 10
- B. 19
- C. 16
- D. 25
- E. None of these

**Q32.** Find the number which will come in place of question mark.

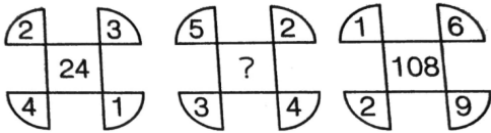
[+1]  
[-0]



- A. 13
- B. 15
- C. 27
- D. 29
- E. None of these

Q33. Ryan has drawn a certain pattern in which numbers are written. Find the missing number.

[+1]  
[-0]



- A. 154
- B. 132
- C. 160
- D. 120
- E. None of these

Q34. Choose the correct option to complete the series.

[+1]  
[-0]

2, 5, 9, 14, ?, 27

- A. 19
- B. 18
- C. 20
- D. 21
- E. None of these

Q35. Find the number which will replace the question mark.

[+1]  
[-0]

<b>8</b>	<b>18</b>	<b>26</b>
<b>7</b>	<b>9</b>	<b>16</b>
<b>11</b>	<b>7</b>	<b>?</b>

- A. 19
- B. 17
- C. 20
- D. 18
- E. None of these



CLASS / GRADE  
**Class 4**

SUBJECT  
**IFRAO**

TOTAL QUESTIONS  
**35**

MAX MARKS  
**35**

ANSWER SHEET — 35 QUESTIONS

Q NO.	ANSWER	Q NO.	ANSWER	Q NO.	ANSWER	Q NO.	ANSWER	Q NO.	ANSWER
Q01	C	Q08	B	Q15	C	Q22	C	Q29	C
Q02	D	Q09	D	Q16	B	Q23	B	Q30	C
Q03	D	Q10	C	Q17	D	Q24	A	Q31	C
Q04	B	Q11	C	Q18	A	Q25	B	Q32	C
Q05	E	Q12	A	Q19	C	Q26	C	Q33	D
Q06	C	Q13	D	Q20	A	Q27	C	Q34	C
Q07	C	Q14	D	Q21	B	Q28	B	Q35	D

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