



SAMPLE PAPER

◆ International Olympiad Foundation ◆



EXCELLENCE IN EDUCATION
International Olympiad Foundation

14+ OLYMPIADS	MCQ FORMAT	0 NEGATIVE MARKS
-------------------------	----------------------	----------------------------

OLYMPIAD

Reasoning & Aptitude Olympiad

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

CLASS / GRADE

Class 5

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 ◆

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

- Q1.** If the numbers from 1 to 45 which are exactly divisible by 3 are arranged in ascending order, minimum number being on the top, which number would come at the ninth place from the top? [+1]
[-0]
- A. 18
 - B. 21
 - C. 24
 - D. 27
 - E. None of these
- Q2.** Radha ranks twelfth in a class of forty-six. What will be her rank from the last? [+1]
[-0]
- A. 33rd
 - B. 34th
 - C. 35th
 - D. 37th
 - E. None of these
- Q3.** If the day before yesterday was Saturday, what day will fall on the day after tomorrow? [+1]
[-0]
- A. Friday
 - B. Thursday
 - C. Wednesday
 - D. Tuesday
 - E. None of these
- Q4.** Which word completes the second pair in the same way as the first pair? [+1]
[-0]
- Scribble : Write :: Stammer : ?
- A. Walk
 - B. Play
 - C. Speak
 - D. Dance
 - E. None of these
- Q5.** Choose the correct option. [+1]
[-0]
- Snowfall is related to precipitation in the same way as Grotto is related to _____ .
- A. Throat
 - B. Castle
 - C. Cave
 - D. Fort
 - E. None of these

Q6. Select the lettered pair that has the same relationship as the original pair of words.

[+1]
[-0]

Valueless : Invaluable

- A. Costly : Cut-rate
- B. Miserly : Philanthropic
- C. Frugality : Wealth
- D. Thriftiness : Cheap
- E. None of these

Q7. Arrange the given words in alphabetical order and choose the one that comes in the middle.

[+1]
[-0]

1. Section 2. Septic 3. Seclude 4. Secure E. Sentiment

- A. Section
- B. Septic
- C. Seclude
- D. Secure
- E. Sentiment

Q8. How many pairs of letters in the word ' DABBLE' have as many letters between them in the word as in the alphabets.

[+1]
[-0]

- A. NIL
- B. One
- C. Two
- D. Three
- E. More than Three

Q9. 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]

Biased

Pant

- A. b
- B. i
- C. a
- D. s
- E. d

Q10. Choose the odd one out.

[+1]
[-0]

Kiwi , Eagle , Emu , Penguin , Ostrich

- A. Kiwi
- B. Eagle
- C. Emu
- D. Penguin
- E. Ostrich

Q11. Choose the pair in which the words are differently related.

[+1]
[-0]

- A. Farmer : Plough
- B. Butcher : Chopper
- C. Author : Book
- D. Jockey : Tack
- E. Lumberjack : Axe

Q12. In a certain code GOODNESS is written as HNPCODTR. How is GREATNESS written in that code?

[+1]
[-0]

- A. HQFZUDDTR
- B. HQFZUMFRT
- C. HQFZSMFRT
- D. FSDBSODTR
- E. None of these

Q13. Choose the correct option to complete the series.

[+1]
[-0]

deb , ijg , nol , ___?___ , xyv

- A. rsp
- B. stp
- C. rsq
- D. stq
- E. sto

Q14. Jack was facing east. He walked 4km forward and then after turning to his right walked 3km. Again he turned to his right and walked 4km. After this he turned back. Which direction was he facing at that time?

[+1]
[-0]

- A. North
- B. South
- C. West
- D. East
- E. None of these

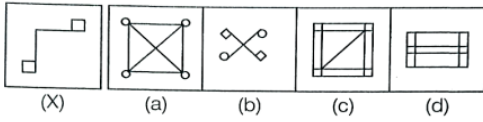
Q15. George ranks sixth in a class. Ziba is ninth from the last. If Aurbey is sixth after George and just in the middle of George and Ziba then how many students are there in the class?

[+1]
[-0]

- A. 28
- B. 27
- C. 25
- D. 26
- E. None of these

Q16. Identify in which of the following figures the given shape (X) is exactly embedded?

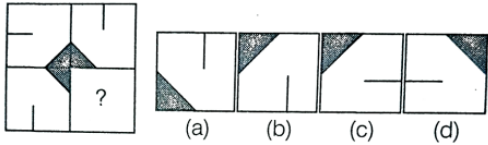
[+1]
[-0]



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

Q17. Choose the correct option which completes the given pattern.

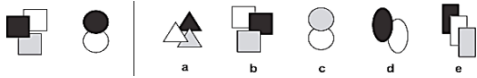
[+1]
[-0]



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

Q18. Find which of the five figures on the right is the most like two figures on the left.

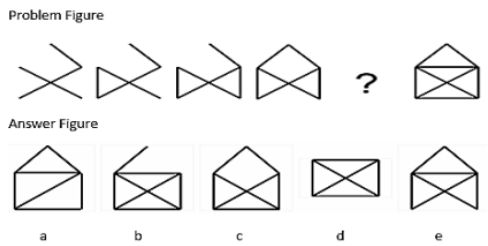
[+1]
[-0]



- A. a
- B. b
- C. c
- D. d
- E. e

Q19. Choose the correct option to complete the series.

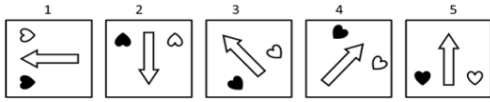
[+1]
[-0]



- A. a
- B. b
- C. c
- D. d
- E. e

Q20. Choose the odd one out.

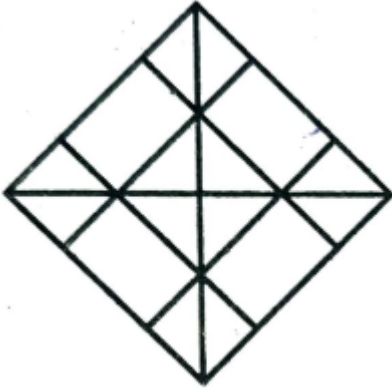
[+1]
[-0]



- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Q21. Count the number of straight lines in the given figure.

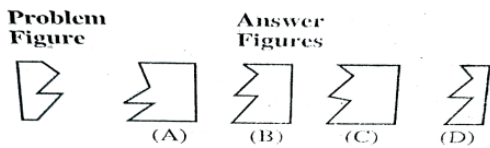
[+1]
[-0]



- A. 6
- B. 8
- C. 10
- D. 12
- E. None of these

Q22. Choose the correct option to complete the figure on the left side to form a square.

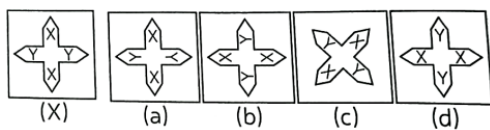
[+1]
[-0]



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

Q23. Which of the following is view of figure (X) after 90° rotation anti-clockwise?

[+1]
[-0]

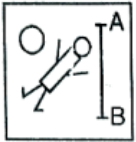


- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

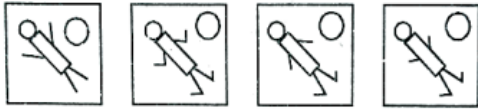
Q24. Choose the correct mirror image of the problem figure where AB is the mirror.

[+1]
[-0]

Problem Figure



Answer Figures

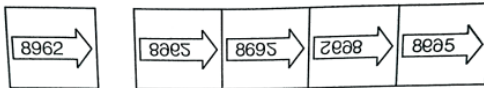


(A) (B) (C) (D)

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

Q25. A number is written on an arrow in figure (X). Choose the correct water image of the arrow.

[+1]
[-0]

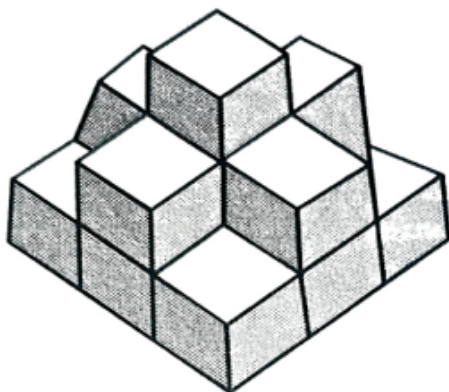


(X) (a) (b) (c) (d)

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

Q26. How many cubes are there in the figure?

[+1]
[-0]



- A. 12
- B. 18
- C. 16
- D. 15
- E. None of these

Q27. Group the given figures into 3 classes using each figure only once.

[+1]
[-0]



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

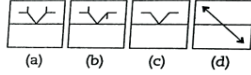
Q28. From amongst the four answer figures, choose the one which resembles the transparent sheet after folding it along a dotted line.

[+1]
[-0]

Problem Figure



Answer Figures

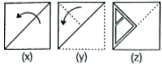


- A. (a)
- B. (b)
- C. (c)
- D. (d)
- E. None of these

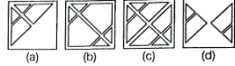
Q29. A piece of paper is folded as shown in the figure and then cut. Choose the correct option from the answer figures which appears the same when paper is unfolded.

[+1]
[-0]

Problem Figures



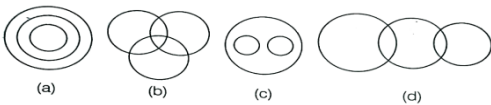
Answer Figures



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

Q30. Which of the following diagrams indicates the best relation amongst Games, Cricket, Hockey.

[+1]
[-0]



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

Q31. Choose the correct number to complete the series.

[+1]
[-0]

1, 3, 6, 10, ?, 21

- A. 12
- B. 13
- C. 14
- D. 15
- E. None of these

Q32. Choose the correct option to continue the series.

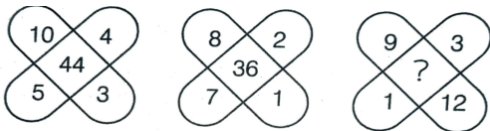
[+1]
[-0]

53670 , 53770 , 53570 , 53670 , ?

- A. 53870
- B. 35870
- C. 53470
- D. 53570
- E. None of these

Q33. Choose the correct number to replace the question mark.

[+1]
[-0]



- A. 25
- B. 50
- C. 42
- D. 52
- E. None of these

Q34. The pictograph shows the number of baskets of mangoes sold by a trader in five days.

[+1]
[-0]

(1 picture (0) represent 20 baskets)

If the trader still had 200 baskets left after 5 days, how many baskets did he have in the beginning?

Monday	○○○○○
Tuesday	○○○○ ○○○○
Wednesday	○○○○○
Thursday	○○○○○○ ○○○○○○
Friday	○○○○○

- A. 620
- B. 720
- C. 820
- D. 931
- E. None of these

Q35. Which two signs are to be interchanged to make the below equation true?

[+1]
[-0]

$$4 \times 2 + 6 \div 2 - 12 = 2$$

- A. + and -
- B. x and +
- C. ÷ and x
- D. ÷ and -
- E. None of these



CLASS / GRADE
Class 5

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	D	Q08	E	Q15	D	Q22	B	Q29	C
Q02	C	Q09	B	Q16	C	Q23	B	Q30	C
Q03	C	Q10	B	Q17	C	Q24	D	Q31	D
Q04	C	Q11	C	Q18	D	Q25	A	Q32	C
Q05	C	Q12	B	Q19	C	Q26	D	Q33	B
Q06	B	Q13	D	Q20	B	Q27	D	Q34	C
Q07	D	Q14	D	Q21	C	Q28	A	Q35	C

ALL IOF OLYMPIAD PROGRAMMES

IFCO
International Foundation
Cyber Olympiad

IFEO
International Foundation
English Olympiad

IFEnO
International Foundation
Entrepreneurship Olympiad

IFMO
International Foundation
Mathematics Olympiad

ICSI
Institute of Company
Secretaries of India
Commerce Olympiad

IFEcO
International Foundation
Economics Olympiad

IFGCO
International Foundation
General Knowledge &
Current Affairs Olympiad

IFSO
International Foundation
Science Olympiad

IFWMuO
International Foundation
Western Music Olympiad

IFSaO
International Foundation
Sanskrit Olympiad

IFIMuO
International Foundation
Indian Music Olympiad

IFHO
International Foundation
Hindi Olympiad

IFRAO
International Foundation
Reasoning & Aptitude
Olympiad

IFSTO
International Foundation
Spell Talent Olympiad