



# 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](http://www.iof.education)

CLASS / GRADE

**Class 2**

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>ICS</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.** In the given question, choose the letter that must fit into both sets of brackets, to complete the word in front of the brackets and begin the word after the brackets.

[+1]  
[-0]

Wor[?]en

Han[?]ust

- A. m
- B. k
- C. d
- D. s
- E. None of these

**Q2.** Choose the odd one out.

[+1]  
[-0]

Tortoise , Duck , Snake , Whale , Penguin

- A. Tortoise
- B. Duck
- C. Snake
- D. Whale
- E. Penguin

**Q3.** Choose the pair in which the words are differently related.

[+1]  
[-0]

- A. Oil : Lamp
- B. Water : Tap
- C. Oxygen : Life
- D. Power : Machine
- E. None of these

**Q4.** Choose the correct option to continue the series.

[+1]  
[-0]

Z, Y, W, T, ?

- A. Q
- B. P
- C. R
- D. S
- E. None of these

**Q5.** Choose the correct option to complete the series.

[+1]  
[-0]

2B, 4D, ?, 8H, 10J

- A. 6E
- B. 6F
- C. 7F
- D. 7E
- E. None of these

- Q6.** If train is called bus, bus is called tractor, tractor is called car, car is called scooter, scooter is called bicycle, bicycle is called moped, which is used to plough a field. [+1]  
[-0]
- A. Tractor
  - B. Car
  - C. Bus
  - D. Train
  - E. Moped
- Q7.** If in a certain language PREACH is coded as QSFBDI then what is the correct code for BELIEF? [+1]  
[-0]
- A. CFMFJG
  - B. CFMJFG
  - C. DEHFJG
  - D. DFMGJF
  - E. None of these
- Q8.** Choose the correct option. [+1]  
[-0]
- Birds are related to Aviary in the same way as Bees are related to
- A. Aquarium
  - B. Hive
  - C. Brewery
  - D. Apiary
  - E. None of these
- Q9.** Which letter occurs once in EXERCISE, but twice in SUCCESS? [+1]  
[-0]
- A. E
  - B. C
  - C. S
  - D. U
  - E. None of these

- Q10.** Choose the word that can be formed by using the letters of the given word. [+1]  
[-0]

### REASONING

- A. Right
  - B. New
  - C. Sitar
  - D. Near
  - E. None of these
- Q11.** If tomorrow is Saturday, which day was yesterday? [+1]  
[-0]
- A. Friday
  - B. Thursday
  - C. Wednesday
  - D. Sunday
  - E. None of these

**Q12.** Arrange the given words in a meaningful sequence and then choose the most appropriate sequence from the options given below.

[+1]  
[-0]

(1) October (2) July (3) February (4) August (5) June

- A. (1), (2), (3), (4), (5)
- B. (3), (5), (2), (4), (1)
- C. (3), (5), (4), (2), (1)
- D. (5), (4), (3), (2), (1)
- E. None of these

**Q13.** Vinod ranks 18th in a class of 30 students. What is his rank from the last?

[+1]  
[-0]

- A. 12th
- B. 13th
- C. 20th
- D. 14th
- E. None of these

**Q14.** Select the lettered pair that has the same relationship as the original pair of words.

[+1]  
[-0]

Carpenter : Furniture

- A. Teacher : Teach
- B. King : Empire
- C. Mason : Wall
- D. Farmer : Agriculture
- E. None of these

**Q15.** Five words are given below. Arrange these words in a correct alphabetical order as they are arranged in dictionary.

[+1]  
[-0]

1. Class 2. Spoon 3. Above 4. Zone 5. Kite

- A. 1, 2, 3, 4, 5
- B. 3, 1, 5, 2, 4
- C. 5, 4, 3, 2, 1
- D. 3, 1, 5, 4, 2
- E. None of these

**Q16.** In the given picture, 4 apples weigh as much as 8 mangoes. What is the weight of 1 apple.

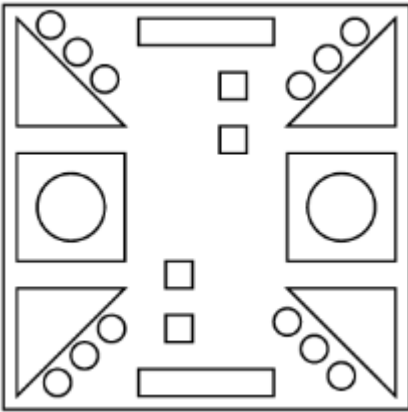
[+1]  
[-0]



- A. 1 mango
- B. 2 mangoes
- C. 3 mangoes
- D. 4 mangoes
- E. None of these

Q17. How many more circles are there than the squares in the given figure ?

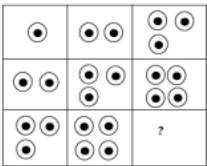
[+1]  
[-0]



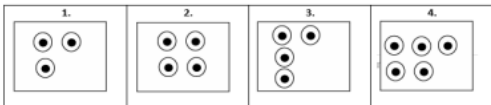
- A. 6
- B. 7
- C. 14
- D. 10
- E. None of these

Q18. Choose the correct option to replace the question mark.

[+1]  
[-0]



Answer Figures



- A. 1
- B. 2
- C. 3
- D. 4
- E. None of these

Q19. Choose the odd one out.

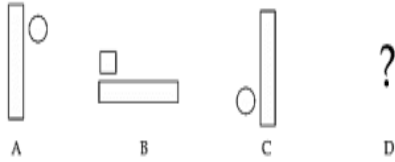
[+1]  
[-0]



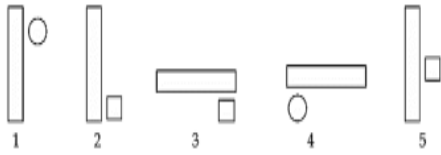
- A. A
- B. B
- C. C
- D. D
- E. E

**Q20.** Choose the correct option to continue the series.

[+1]  
[-0]



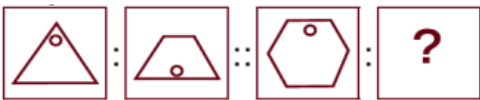
Answer Choice



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

**Q21.** Choose the figure that would complete the second pair in the same way as first pair.

[+1]  
[-0]



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

**Q22.** Choose the option in which the given figure is hidden.

[+1]  
[-0]



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

Q23. Five groups of \_\_\_\_\_ bicycles each can be formed from the given bicycles.

[+1]  
[-0]



- A. 2
- B. 3
- C. 4
- D. 5
- E. None of these

Q24. If Shruti starts her dance practice on second Friday of June 2019, then on which date does she start her dance practice?

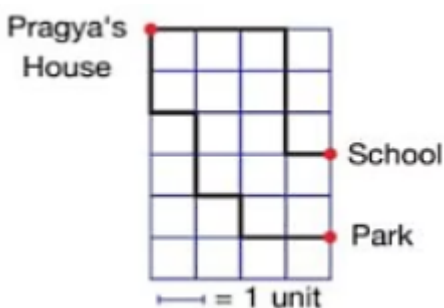
[+1]  
[-0]

June 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- A. 7th June 2019
- B. 21st June 2019
- C. 13th June 2019
- D. 14th June 2019
- E. None of these

Q25. Which place is farther from Pragya's house?

[+1]  
[-0]



- A. Both places are at equal distance
- B. School
- C. Park
- D. Can't be determined
- E. None of these

Q26. Which of the following is 2nd from left of the third flower from right end?

[+1]  
[-0]



- A. R
- B. S
- C. U
- D. V
- E. None of these

Q27. Which of the following will come next in the given figure pattern?

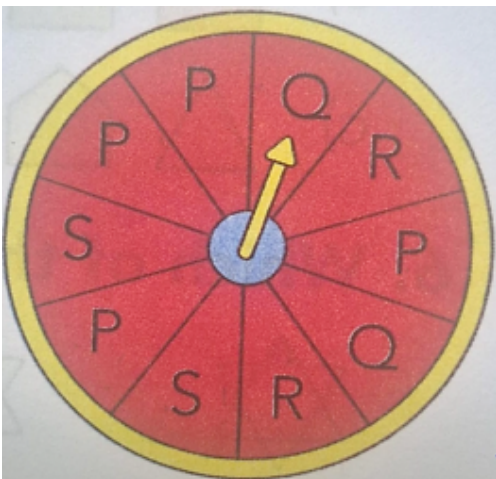
[+1]  
[-0]



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

Q28. Hitesh got a chance to rotate the wheel. Which of the following is most likely to come?

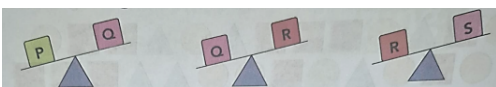
[+1]  
[-0]



- A. Q
- B. P
- C. R
- D. S
- E. None of these

Q29. Which of the following is the heaviest and lightest?

[+1]  
[-0]



- A. P , S
- B. Q , S
- C. R , Q
- D. S , P
- E. None of these

**Q30.** How many different types of shapes are used to draw the given figure?

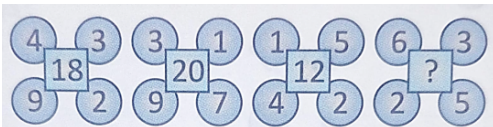
[+1]  
[-0]



- A. 4
- B. 7
- C. 5
- D. 3
- E. None of these

**Q31.** Choose the number which can replace the question mark.

[+1]  
[-0]



- A. 14
- B. 15
- C. 16
- D. 17
- E. None of these

**Q32.** Which rule describes the pattern shown below ?

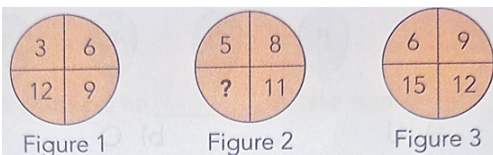
[+1]  
[-0]



- A. +6
- B. +8
- C. +10
- D. +5
- E. None of these

**Q33.** Which of the following is the missing number if the same pattern is followed in all three figures?

[+1]  
[-0]



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

**Q34.** Find the value of M and N in the given matrix.

[+1]  
[-0]

<b>5</b>	<b>6</b>	<b>11</b>
<b>2</b>	<b>3</b>	<b>5</b>
<b>3</b>	<b>M</b>	<b>12</b>
<b>12</b>	<b>15</b>	<b>N</b>

- A.  $M = 4, N = 27$
- B.  $M = 9, N = 27$
- C.  $M = 27, N = 9$
- D.  $M = 4, N = 3$
- E. None of these

**Q35.** Choose the correct option to continue the series.

[+1]  
[-0]

20, 100, 500, ?

- A. 1500
- B. 2500
- C. 3500
- D. 4500
- E. None of these



CLASS / GRADE  
**Class 2**

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

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