



SAMPLE PAPER

◆ International Olympiad Foundation ◆

EXCELLENCE IN EDUCATION

International Olympiad Foundation

14+

OLYMPIADS

MCQ

FORMAT

0

NEGATIVE MARKS

OLYMPIAD

Mathematics Olympiad

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

CLASS / GRADE

Class 3

SUBJECT

IFMO

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	IFEQ 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. Find the missing number in the given pattern below.

[+1]
[-0]



- A. 60
- B. 50
- C. 55
- D. 45
- E. None of these

Q2. How many stars will be there in pattern 7?

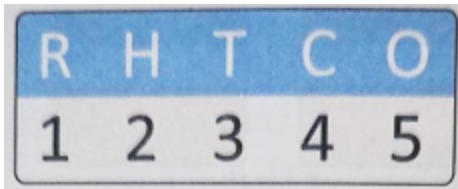
[+1]
[-0]



- A. 15
- B. 11
- C. 13
- D. 12
- E. None of these

Q3. Form a meaningful word by arranging given number corresponding to the given letters.

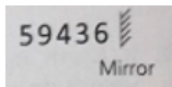
[+1]
[-0]



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

Q4. Which of the following is the mirror image of given set of numbers?

[+1]
[-0]



- | | |
|----------|----------|
| a) 29436 | b) 29402 |
| c) 29402 | d) 29436 |

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

Q5. If G and J are removed from the given arrangement, then which alphabet is third from left end?

[+1]
[-0]

F G H I J K L M

- A. H
- B. I
- C. K
- D. L
- E. None of these

Q6. Which one word cannot be made from the letters of the given word?

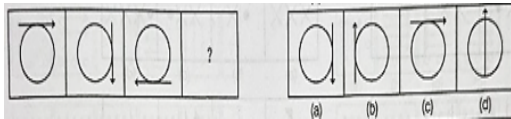
[+1]
[-0]

CONCENTRATE

- A. CENTRE
- B. CONCERN
- C. REASON
- D. TREAT
- E. None of these

Q7. Which figure comes next in the given figure pattern?

[+1]
[-0]



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

Q8. Choose the odd one out.

[+1]
[-0]

Mother , Father , Sister , Friend

- A. Mother
- B. Father
- C. Sister
- D. Friend
- E. None of these

Q9. Choose the word which will complete the second pair in the same way as first pair.

[+1]
[-0]

Doctor : Diagnosis :: Judge : ?

- A. Court
- B. Punishment
- C. Lawyer
- D. Judgement
- E. None of these

Q10. Choose the pair in which the words bear the same relationship to each other as the words of the given pair bear.

[+1]
[-0]

Knife : Chopper

- A. Walking : Fitness
- B. Swim : Float
- C. Scissors : Cloth
- D. Quilt : Blanket
- E. None of these

Q11. Reena had four numbers (4, 7, 9, 5). She used each number only one time to make a large number. If she put 9 at ten's place, what would be the largest number she could make?

[+1]
[-0]

- A. 9754
- B. 7495
- C. 7594
- D. 7954
- E. None of these

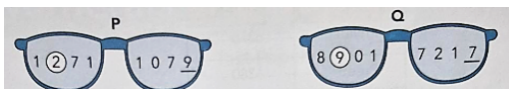
Q12. Choose the wrong option.

[+1]
[-0]

- A. $25 + 6 > 2 - 8$
- B. $18m + 6m < 28m + 5m$
- C. A quarter of $64m = 20m - 4m$
- D. $6 \times 5\text{cm} = \text{Half of } 50\text{cm}$
- E. None of these

Q13. In which of the following pairs of numbers, face value of the encircled digit is greater than the place value of the underlined digit?

[+1]
[-0]






- A. Only P
- B. Only Q
- C. Both P and Q
- D. Neither P nor Q
- E. None of these

Q14. Find the sum of P and Q in the given addition.

[+1]
[-0]

	2	3	9	7
+	1	2	9	P
<hr/>				
	3	Q	9	3

- A. 18
- B. 0
- C. 5
- D. 12
- E. None of these

Q15. If  = greatest four digit number,  = smallest four digit number and  smallest three digit

[+1]
[-0]

number, then find .  -  - 

- A. 9899
- B. 8899
- C. 7989
- D. 9789
- E. None of these

Q16. Find the successor of $435 + 6 \times 9$.

[+1]
[-0]

- A. 489
- B. 490
- C. 488
- D. 390
- E. None of these

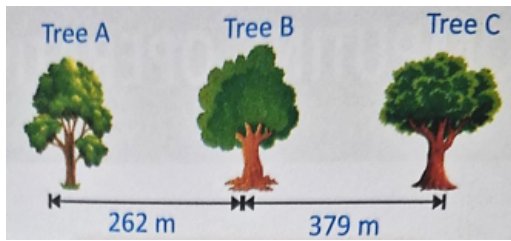
Q17. Niya's room has 5 shelves to keep books. Each shelf can have 13 books. If Niya has 82 books, then how many books will be left after arranging the books in 5 shelves?

[+1]
[-0]

- A. 15
- B. 17
- C. 21
- D. 19
- E. None of these

Q18. Sandhya cycled from Tree B to Tree C. She then cycled from Tree C to Tree A. How far did she cycle altogether?

[+1]
[-0]



- A. 903m
- B. 758m
- C. 1020m
- D. 641m
- E. None of these

Q19. A company makes 3 types of pens. A packet of pens has 6 pens of each type. If there are 10 such packets, how many total pens are there?

[+1]
[-0]

- A. 60
- B. 180
- C. 150
- D. 30
- E. None of these

Q20. Rita can read 48 pages of a book in 2 days. How many pages can she read in 7 days?

[+1]
[-0]

- A. 336 pages
- B. 168 pages
- C. 180 pages
- D. 96 pages
- E. None of these

Q21. Ansh packed 16 red apples and 28 green apples equally into 4 baskets. How many apples does each basket have?

[+1]
[-0]

- A. 4
- B. 7
- C. 11
- D. 10
- E. None of these

Q22. Which of the following statement is correct?

[+1]
[-0]

- a) If Priya has 38 pair of gloves, that means she has 19 pieces of gloves in total.
- b) The quotient of $117 \div 3$ is greater than the quotient of $124 \div 4$
- c) $9999 \div 11 = 99$
- d) If $4287 - P = 4197$, then P is 3 less than 100.

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

Q23. In a school, there are 14 male teachers and 11 female teachers. What fraction of teachers are not male?

[+1]
[-0]


A. $\frac{11}{14}$

B. $\frac{14}{25}$

C. $\frac{11}{25}$

D. $\frac{24}{25}$

- E. None of these

Q24. The fraction of unshaded parts in  equal to the fraction of shaded parts in _____.

[+1]
[-0]







- A. Only P
- B. Only P and R
- C. Only Q and S
- D. Neither P, Q nor R
- E. None of these

Q25. Raashi has 3 dozen bananas. If 16 bananas are rotten, then what is the denominator of fraction of rotten banana?

[+1]
[-0]

- A. 16
- B. 12
- C. 24
- D. 36
- E. None of these

Q26. If  =  and  =  then ____ glasses are required to fill the jug completely.

[+1]
[-0]

- A. 12
- B. 10
- C. 16
- D. 15
- E. None of these

Q27. The clock shows a certain time, What time would it be if we go back two hours and 15 minutes from what the clock shows?

[+1]
[-0]



- A. 9:15
- B. 10:15
- C. 11:15
- D. 12:15
- E. None of these

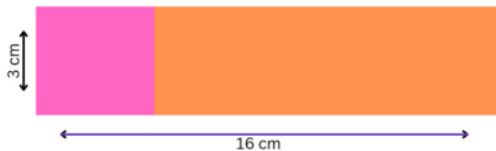
Q28. If five bags cost ₹1000 and three pairs of shoes cost ₹1200, what is the total cost of one bag and one pair of shoes?

[+1]
[-0]

- A. ₹1100
- B. ₹700
- C. ₹600
- D. ₹500
- E. None of these

Q29. What is the total length of all the four sides of orange rectangle in the given figure, where side of pink square is 3 cm.

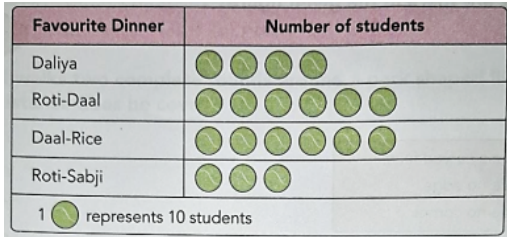
[+1]
[-0]



- A. 26cm
- B. 38cm
- C. 32cm
- D. 30cm
- E. None of these

Q30. The pictograph shows class three student's favorite dinner foods.

[+1]
[-0]

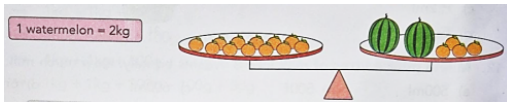


How many more students like Roti Daal than Roti Sabji?

- A. 3
- B. 5
- C. 20
- D. 30
- E. None of these

Q31. Observe the figure and determine the weight of 10 oranges.

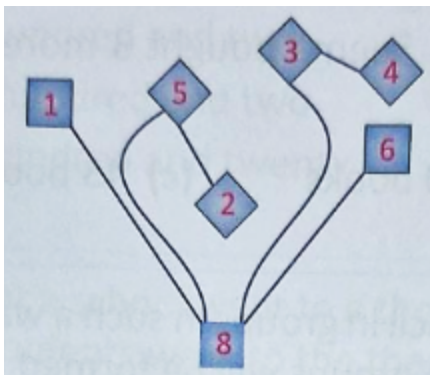
[+1]
[-0]



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

Q32. In the following figure, Alex multiplied the greatest and the smallest number and then he added the rest of the numbers to the product. Find the number.

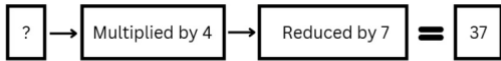
[+1]
[-0]



- A. 82
- B. 28
- C. 16
- D. 61
- E. None of these

Q33. What is the missing number in the box?

[+1]
[-0]



- A. 8
- B. 9
- C. 11
- D. 18
- E. None of these

Q34. Study the given numbers and answer the question that follows.

[+1]
[-0]

692	97	83	52
731	432	654	745
333	796	321	343

What fraction of numbers has an odd digit at tens place?

- A. $\frac{9}{12}$
- B. $\frac{8}{12}$
- C. $\frac{6}{12}$
- D. $\frac{10}{12}$
- E. None of these

Q35. A tiger is 27kg heavier than a monkey. A monkey is 7kg heavier than a bird. The weight of the bird is 8kg. What is the total weight of the tiger and the bird?

[+1]
[-0]

- A. 42kg
- B. 50kg
- C. 65kg
- D. 57kg
- E. None of these



CLASS / GRADE

Class 3

SUBJECT

IFMO

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
01	D	08	D	15	B	22	B	29	C
02	C	09	D	16	B	23	C	30	D
03	C	10	D	17	B	24	B	31	D
04	C	11	C	18	C	25	D	32	B
05	B	12	D	19	B	26	A	33	C
06	C	13	B	20	B	27	C	34	B
07	B	14	D	21	C	28	C	35	B

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Cyber Olympiad

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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

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Science Olympiad

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