



EXCELLENCE IN EDUCATION

International Olympiad Foundation

14+

OLYMPIADS

MCQ

FORMAT

0

NEGATIVE MARKS

◆ International Olympiad Foundation ◆

OLYMPIAD

Mathematics Olympiad

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

CLASS / GRADE

Class 2

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 ◆

<b>IFCO</b> International Foundation Cyber Olympiad	<b>IFEQ</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. Which one of the following letters will replace the question mark(?) in the letter series given below?

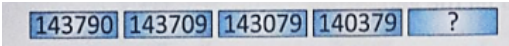
[+1]  
[-0]



- A. I
- B. G
- C. E
- D. F
- E. None of these

Q2. What comes next in the number pattern given below?

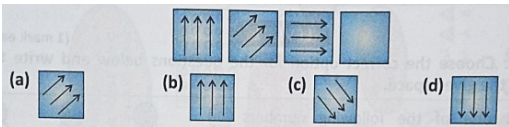
[+1]  
[-0]



- A. 143790
- B. 100437
- C. 104379
- D. 014379
- E. None of these

Q3. What comes next in the following series?

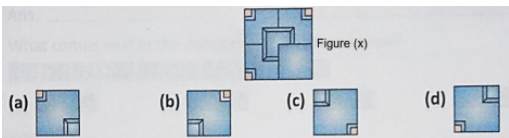
[+1]  
[-0]



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

Q4. Which of the following figures will complete the pattern in figure(X)?

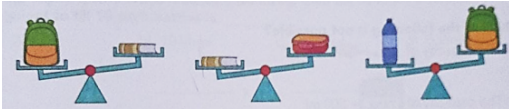
[+1]  
[-0]



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

Q5. Which of the following is heavier than the school bag and lighter than the book respectively?

[+1]  
[-0]



- A. Book and lunch box
- B. Water bottle and lunch box
- C. Lunch box and Water bottle
- D. Water bottle and Bag
- E. None of these

Q6. Which of the following is second to the left of second alphabet from right end in the given word?

[+1]  
[-0]

### R E A S O N I N G

- A. A
- B. S
- C. N
- D. O
- E. None of these

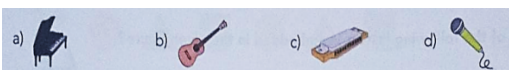
Q7. If 'Pen' means 'Pencil', 'Pencil' means 'Crayons', 'Crayons' means 'Eraser' and 'Eraser' means 'Sharpener', then which of the following is used to erase?

[+1]  
[-0]

- A. Pen
- B. Pencil
- C. Crayons
- D. Sharpener
- E. None of these

Q8. Select the odd one out.

[+1]  
[-0]



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

Q9. If day before yesterday was Sunday, then day after tomorrow will be \_\_\_\_\_.

[+1]  
[-0]

- A. Thursday
- B. Friday
- C. Wednesday
- D. Tuesday
- E. None of these

**Q10.** Choose the correct option.

[+1]  
[-0]

If  stands for 3, then  stands for \_\_\_\_\_.

- A. 15
- B. 18
- C. 6
- D. 12
- E. None of these

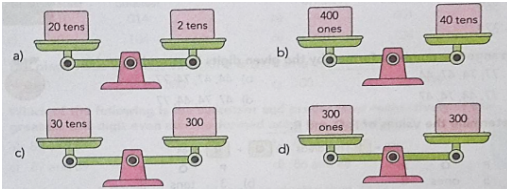
**Q11.** Which of the following given number is 5 tens less than the sum of  $(300+70+4)$ ?

[+1]  
[-0]

- A. 524
- B. 324
- C. 369
- D. 374
- E. None of these

**Q12.** Which of the following balance is incorrect?

[+1]  
[-0]



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

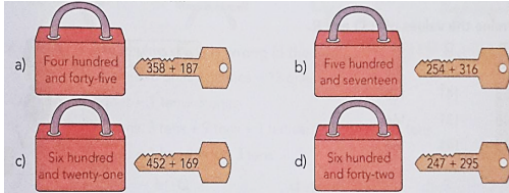
**Q13.** In which of the following groups of numbers does the number six hundred and one lie?

[+1]  
[-0]

- A. 508, 424, 326, 250
- B. 803, 163, 817, 215
- C. 149, 105, 707, 355
- D. Both B and C
- E. None of these

Q14. Which of the following given match is correct?

[+1]  
[-0]



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

Q15. Which of the following is incorrect?

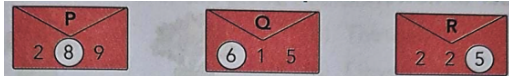
[+1]  
[-0]

- a) 13 tens is same as 1 hundred + 3 ten
- b) 217 ones is same as 21 tens + 7 ones
- c) 21 ones + 89 ones is same as 1 hundred + 10 ones
- d) 31 tens + 99 ones is same as 40 tens + 9 ones

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

Q16. Which of the following is the sum of the place values of the encircled digits?

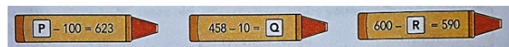
[+1]  
[-0]



- A. Five hundred and eighty five
- B. Eight hundred and sixty five
- C. Six hundred and eighty five
- D. Six hundred and seventy five
- E. None of these

Q17. Determine the values of P, Q and R.

[+1]  
[-0]



	P	Q	R
a	523	448	10
b	523	458	100
c	723	558	100
d	723	448	10

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

**Q18.** Which of the following is the difference between the greatest 3-digit odd number and greatest 2-digit even number formed by using all the given digits? (digits can be repeated)

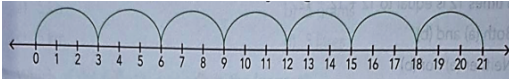
[+1]  
[-0]



- A. 885
- B. 797
- C. 827
- D. 828
- E. None of these

**Q19.** Which of the following is represented by the given number line ?

[+1]  
[-0]



- A. 3 times 7
- B. 3 times 21
- C. 7 times 3
- D. 7 times 21
- E. None of these

**Q20.** Priya is 6-feet tall. If she wears 2inch heels, what is her height in inch? (1 foot = 12 inch)

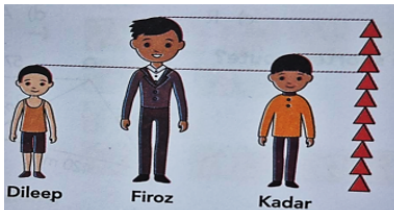
[+1]  
[-0]

- A. 72
- B. 96
- C. 74
- D. can't be determined
- E. None of these

**Q21.** Choose the correct option.

[+1]  
[-0]

If one  $\Delta$  = 15 cm, then who is shorter than Kadar and by how much?



- A. Firoz, 30cm
- B. Dileep, 30cm
- C. Firoz, 15cm
- D. Dileep, 15cm
- E. None of these

**Q22.** Samuel is 135 cm tall. If Aditya is 4cm taller than Samuel and Piyush is 6cm shorter than Aditya, then how tall is Piyush?

[+1]  
[-0]

- A. 139cm
- B. 141cm
- C. 133cm
- D. 136cm
- E. None of these

**Q23.** If Raman celebrates his birthday 2 days after the 2nd Wednesday in January 2017, then on which date will he celebrate his birthday?

[+1]  
[-0]

JANUARY 2017						
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	31				

- A. 12<sup>th</sup> January
- B. 13<sup>th</sup> January
- C. 14<sup>th</sup> January
- D. 11<sup>th</sup> January
- E. None of these

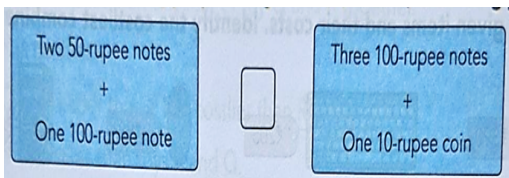
**Q24.** Which of the following is same as 10 minutes to noon?

[+1]  
[-0]

- A. 12:10pm
- B. 12:10am
- C. 11:50pm
- D. 11:50am
- E. None of these

**Q25.** Compare and select the appropriate symbol (<, > or =) accordingly.

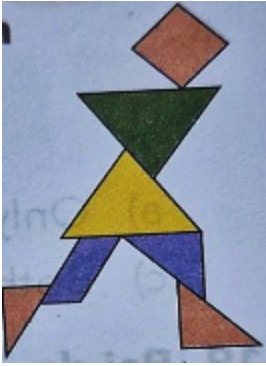
[+1]  
[-0]



- A. >
- B. <
- C. =
- D. Can't be determined
- E. None of these

Q26. How many slanting and sleeping lines are there respectively in the given figure?

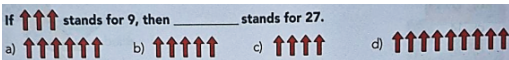
[+1]  
[-0]



- A. 12 and 6
- B. 6 and 12
- C. 13 and 5
- D. 5 and 13
- E. None of these

Q27. Choose the correct option.

[+1]  
[-0]



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

Q28. Given pictograph shows the number of different shapes, Raghav used to draw a figure.

[+1]  
[-0]

Shapes	Number of shapes
Rectangle	✓ ✓ ✓ ✓ ✓ ✓
Square	✓ ✓ ✓ ✓
Circle	✓ ✓ ✓
Triangle	✓ ✓ ✓ ✓ ✓
1 ✓ stands for 4 shapes	

How many more triangles are used than circles?

- A. 2
- B. 8
- C. 16
- D. 4
- E. None of these

**Q29.** Nishu had some money. She bought two chocolates and two pencils. She was left with ₹10. How much money did she had first?

[+1]  
[-0]



- A. ₹100
- B. ₹90
- C. ₹ 80
- D. ₹120
- E. None of these

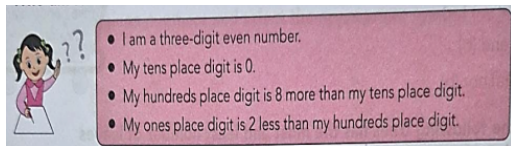
**Q30.** Which of the following is equal to  $3 + 11 + 17$ ?

[+1]  
[-0]

- A.  $31-10$
- B.  $21 +11$
- C.  $41+10$
- D.  $41-10$
- E. None of these

**Q31.** Choose the correct option.

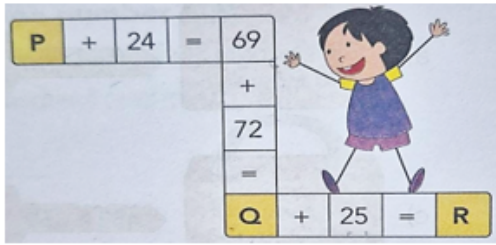
[+1]  
[-0]



- A. 802
- B. 804
- C. 208
- D. 806
- E. None of these

Q32. Determine the values of P, Q and R.

[+1]  
[-0]

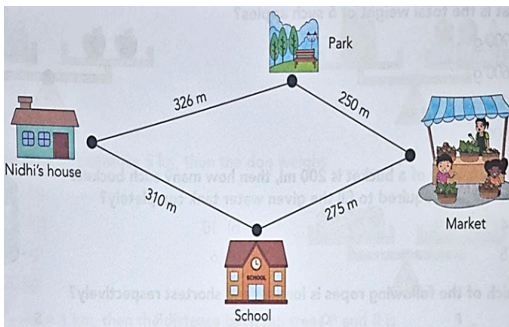


	P	Q	R
a)	166	141	45
b)	55	141	166
c)	45	131	166
d)	45	141	166

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

Q33. Riddhi wants to go to the market from her house. She wants to choose the shortest route. Which of the following routes should she choose?

[+1]  
[-0]



- A. Home → Park → Market
- B. Home → School → Market
- C. Both routes are equal in distance
- D. Can't be determined
- E. None of these

Q34. There are 3 groups of pupils in the hall. There are 7 pupils in each group. After 5 minutes, 5 more pupils walk into the hall and join them. How many pupils are there in the hall now?

[+1]  
[-0]

- A. 15
- B. 21
- C. 16
- D. 26
- E. None of these

**Q35.** The cost of one meter of nylon cloth is ₹45 and two metres of cotton cloth is ₹120. What is the cost of one meter of nylon and four meters of cotton cloth?

[+1]  
[-0]

- A. ₹210
- B. ₹250
- C. ₹285
- D. ₹280
- E. None of these



CLASS / GRADE

**Class 2**

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

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