



SAMPLE PAPER

International Olympiad Foundation

EXCELLENCE IN EDUCATION

International Olympiad Foundation

14+

OLYMPIADS

MCQ

FORMAT

0

NEGATIVE MARKS

OLYMPIAD

Cyber Olympiad

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

CLASS / GRADE

Class 5

SUBJECT

IFCO

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. How many computers will be there in pattern 12

[+1]
[-0]



- A. 28
- B. 38
- C. 31
- D. 33
- E. None of the option is correct

Q2. Choose the correct option.

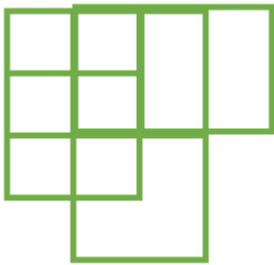
[+1]
[-0]

If PIXEL = 15-8-23-4-11, then what is the value of SCREEN ?

- A. 18-2-17-4-3-13
- B. 18-2-17-4-3-12
- C. 17-1-16-3-3-12
- D. 18-2-17-4-4-13
- E. None of the option is correct

Q3. Count the number of Squares in a given figure .

[+1]
[-0]



- A. 15
- B. 20
- C. 19
- D. 11
- E. None of the option is correct

Q4. In a code, COMPUTER is written as XLNKFGVI. How will TELEPHONE be written in that language?

[+1]
[-0]

- A. VMNSKVOVG
- B. GVOVKSLMV
- C. VMLSKVOVG
- D. VMLSKUOVG
- E. None of the option is correct

Q5. Introducing a boy, a girl said, 'He is the son of the daughter of the father of my uncle.' How is the boy related to the girl?

[+1]
[-0]

- A. Cousin
- B. Nephew
- C. Uncle
- D. Brother
- E. None of the option is correct

Q6. Choose the correct option.

[+1]
[-0]

$$\text{If } \square + \square + \triangle = 17,$$

$$\square + \triangle + \triangle = 19$$

then $\square = ?$

- A. 5
- B. 6
- C. 7
- D. 8
- E. None of the option is correct

Q7. Choose the correct option to continue the series .

[+1]
[-0]

3 , 7 , 13 , 21 , 31 , _?_

- A. 41
- B. 42
- C. 43
- D. 44
- E. None of the option is correct

Q8. What is the fourth element to the right of the third element from the left end ?

[+1]
[-0]

F 5 & G # 2 M ? 6 R D 1 + W

- A. &
- B. #
- C. M
- D. ?
- E. None of these

Q9. Which of the following words cannot be formed from the letters of word DETERMINATION?

[+1]
[-0]

- A. TERMITE
- B. DOMAIN
- C. RETAIN
- D. TERMINAL
- E. None of the option is correct

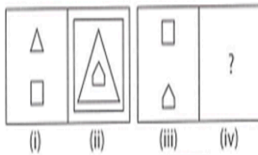
Q10. A farm has goats (4 legs), ducks (2 legs), and labourers. Total heads = 120, total legs = 280. The number of goats is half the number of ducks. How many ducks are there ?

[+1]
[-0]

- A. 40
- B. 50
- C. 60
- D. 70
- E. None of the option is correct

Q11. There is a certain relationship between figures (i) and (ii). Establish a similar relationship between figures (iii) and (iv) by selecting a suitable figure from the options which will replace the (?) in fig. (iv).

[+1]
[-0]



- A. (D)
- B. (A)
- C. (B)
- D. (C)
- E. None of the option is correct

Q12. If a pentagon is rotated 72° clockwise, what will be its orientation?

[+1]
[-0]

- A. Same
- B. Rotated one side
- C. Upside down
- D. Rotated two sides
- E. None of the option is correct

Q13. Following coded words and their meanings are given.

[+1]
[-0]

ventorpal = wind turbine

torpalsed = turbine tower

vensarik = wind blade

Which word could mean "tower blade"?

- A. Sariksed
- B. Torvensar
- C. Palsedtor
- D. sedtorpal
- E. None of the option is correct

Q14. In question, find the missing number from the given responses.

[+1]
[-0]

2	3	25
3	4	49
5	7	?

- A. 100
- B. 81
- C. 125
- D. 144
- E. None of the option is correct

Q15. Find the missing number.

[+1]
[-0]

27	13	37	25	48	?
12		10		8	

- A. 38
- B. 36
- C. 35
- D. 40
- E. None of the option is correct

Q16. Which of the following is an example of a programming environment for beginners?

[+1]
[-0]

- A. Scratch
- B. Microsoft Word
- C. Adobe Photoshop
- D. Windows Explorer
- E. None of the option is correct

Q17. What is the role of a "cache" in a web browser?

[+1]
[-0]

- A. To store temporary files for faster webpage loading
- B. To save passwords permanently
- C. To block websites
- D. To encrypt data
- E. None of the option is correct

Q18. In a spreadsheet, what does the dollar sign (\$) in a cell reference like \$A\$1 indicate?

[+1]
[-0]

- A. A currency value
- B. A fixed cell reference that does not change when copied
- C. An error in the formula
- D. A hidden cell
- E. None of the option is correct

- Q19.** Which technology allows devices to communicate wirelessly over very short distances? [+1]
[-0]
- A. Wi-Fi
 - B. Bluetooth
 - C. Ethernet
 - D. USB
 - E. None of the option is correct
- Q20.** Which of the following is a type of malware that encrypts files and demands payment to unlock them? [+1]
[-0]
- A. Spyware
 - B. Adware
 - C. Ransomware
 - D. Trojan
 - E. None of the option is Correct
- Q21.** In Windows, what is the purpose of the "Control Panel"? [+1]
[-0]
- A. To manage hardware and software settings
 - B. To manage Files and Folders
 - C. To control Screen Savers
 - D. To control volume
 - E. None of the option is Correct
- Q22.** What is the purpose of a "cookie" in a web browser? [+1]
[-0]
- A. To protect against viruses
 - B. To block pop-up ads
 - C. To increase internet speed
 - D. To store small pieces of data about a user's browsing activity
 - E. None of the option is Correct
- Q23.** Which of the following is an example of a peripheral device? [+1]
[-0]
- A. CPU
 - B. RAM
 - C. Printer
 - D. Motherboard
 - E. None of the option is Correct
- Q24.** In PowerPoint, how can you add a transition effect between slides? [+1]
[-0]
- A. Insert > Transitions
 - B. Home > Transitions
 - C. Transitions > Effect Options
 - D. Design > Transitions
 - E. None of the option is Correct

- Q25.** What does the term "open-source software" mean? [+1]
[-0]
- A. Software that is free and allows users to view and modify its code
 - B. Software that is only available online
 - C. Software that requires a subscription
 - D. Software that cannot be copied
 - E. None of the option is correct
- Q26.** Which of the following is a characteristic of SSDs compared to HDDs? [+1]
[-0]
- A. Slower access speed
 - B. More moving parts
 - C. Higher durability and faster performance
 - D. Larger storage capacity at lower cost
 - E. None of the option is correct
- Q27.** What is the function of the "Print Screen" key on a keyboard? [+1]
[-0]
- A. To print a document directly
 - B. To capture a screenshot of the screen
 - C. To open the printer settings
 - D. To save a file as a PDF
 - E. None of the option is correct
- Q28.** In a web browser, what is the purpose of "incognito mode"? [+1]
[-0]
- A. To increase browsing speed
 - B. To prevent tracking and save no browsing history
 - C. To block advertisements
 - D. To enable offline browsing
 - E. None of the option is correct
- Q29.** What does the term "bandwidth" refer to in networking? [+1]
[-0]
- A. The physical width of a network cable
 - B. The amount of data that can be transmitted in a given time
 - C. The number of devices connected to a network
 - D. The speed of the CPU
 - E. None of the option is correct
- Q30.** Which of the following is an example of a cloud-based application? [+1]
[-0]
- A. Microsoft Paint
 - B. WhatsApp
 - C. Google Docs
 - D. Calculator
 - E. None of the option is correct

- Q31.** What is the purpose of the "Task Manager" in Windows? [+1]
[-0]
- A. To create new tasks
 - B. To monitor and manage running processes
 - C. To schedule backups
 - D. To edit files
 - E. None of the option is correct
- Q32.** What is the main difference between a virus and a worm in computer security? [+1]
[-0]
- A. A virus requires user action to spread, while a worm spreads automatically
 - B. A worm is harmless, while a virus is malicious
 - C. A virus is larger in size than a worm
 - D. A worm only affects hardware, not software
 - E. None of the option is correct
- Q33.** In Microsoft Word, which feature allows you to create a list of references at the end of a document? [+1]
[-0]
- A. Table of Contents
 - B. Bibliography
 - C. Footer
 - D. Track Changes
 - E. None of the option is correct
- Q34.** A student wants to share a large file with a friend over the internet. Which method is most suitable? [+1]
[-0]
- A. Email attachment
 - B. Printing the file
 - C. USB flash drive
 - D. Cloud storage service like Google Drive
 - E. None of the option is correct
- Q35.** What is the purpose of defragmentation in a computer system? [+1]
[-0]
- A. To remove viruses
 - B. To organize files for faster access
 - C. To increase storage capacity
 - D. To update the operating system
 - E. None of the option is correct



CLASS / GRADE
Class 5

SUBJECT
IFCO

TOTAL QUESTIONS
35

MAX MARKS
35

ANSWER SHEET — 35 QUESTIONS

Q01-Q07	ANSWER	Q08-Q14	ANSWER	Q15-Q21	ANSWER	Q22-Q28	ANSWER	Q29-Q35	ANSWER
Q01	B	Q08	C	Q15	A	Q22	D	Q29	B
Q02	D	Q09	D	Q16	A	Q23	C	Q30	C
Q03	D	Q10	A	Q17	A	Q24	C	Q31	B
Q04	B	Q11	C	Q18	B	Q25	A	Q32	A
Q05	D	Q12	A	Q19	B	Q26	C	Q33	B
Q06	A	Q13	A	Q20	C	Q27	B	Q34	D
Q07	C	Q14	D	Q21	A	Q28	B	Q35	B

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