



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 4

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. Which option completes the series?

[+1]
[-0]

5 K 12, 7 N 17, 9 Q 22, 11 T 27, ____ ?

- A. 12 V 31
- B. 13 W 32
- C. 13 X 33
- D. 14 Y 34
- E. None of the options is correct

Q2. If "A" means "multiplied by", "B" means "subtracted from", "C" means "added to", and "D" means "divided by", then what is the value of the given expression.

[+1]
[-0]

18A3D6C5B2 = ?

- A. 12
- B. 14
- C. 16
- D. 18
- E. None of the options is correct

Q3. Arrange the given words in the sequence in which they occur in the dictionary.

[+1]
[-0]

1. Quantum 2. Quarantine 3. Quotient 4. Quicksand 5. Quadrant

- A. 5, 1, 4, 2, 3
- B. 5, 4, 1, 2, 3
- C. 5, 4, 2, 1, 3
- D. 5, 1, 2, 4, 3
- E. None of the options is correct

Q4. In a code language, "ENCRYPT" is written as "GPETARV". How is "DECRYPT" written?

[+1]
[-0]

- A. FDATNPR
- B. FGATNPR
- C. FGETARV
- D. FGEATRV
- E. None of the options is correct

Q5. Choose the odd one out .

[+1]
[-0]

Spade , Spanner , Shovel , Rake , Pick Axe

- A. Spade
- B. Spanner
- C. Shovel
- D. Rake
- E. Pick Axe

Q6. Choose the correct option.

[+1]
[-0]

If $3\#5=16$, $4\#7=29$, then $6\#2=?$

- A. 18
- B. 14
- C. 12
- D. 13
- E. None of the options is correct

Q7. A robot has three actions: Charge, Work, and Reboot. Rules:

[+1]
[-0]

- It will only 'Work' if it is 'Charged' and has no errors.
- It will only 'Reboot' if it has 'Worked' for at least 5 minutes.
- Errors occur if it tries to work without charging.

You just charged it (no errors). What must you do immediately after charging to eventually reboot it?

- A. Clear errors
- B. Make it Reboot
- C. Make it Work for 5 minutes
- D. Nothing, it can reboot now.
- E. None of the options is correct

Q8. A project started on the second Wednesday of March 2024. 1st March 2024 was Friday, If the project lasts for 50 days, when does it end? (2024 is a leap year)

[+1]
[-0]

- A. 30th April, Tuesday
- B. 1st May, Wednesday
- C. 2nd May, Thursday
- D. 3rd May, Friday
- E. None of the option is correct

Q9. Choose the Odd One Out.

[+1]
[-0]

Circle , Square , Sphere , Triangle

- A. Circle
- B. Square
- C. Sphere
- D. Triangle
- E. None of the options is correct

Q10. Happiness is related to Sorrow in the same way as Comfort is related to _____.

[+1]
[-0]

- A. Rest
- B. Poverty
- C. Hardship
- D. Difficulty
- E. None of the options is correct

Q11. In a code language, "COMPUTER" is coded as "39421506". How is "ROUTE" coded?

[+1]
[-0]

- A. 69150
- B. 69152
- C. 69420
- D. 61950
- E. None of the options is correct

Q12. Which word cannot be formed using the letters of the word "EDUCATION"?

[+1]
[-0]

- A. ACTION
- B. DUCT
- C. NOTICE
- D. TOON
- E. None of the options is correct

Q13. Find the missing Number.

[+1]
[-0]

10	17	26
5	10	17
2	5	?

- A. 10
- B. 16
- C. 4
- D. 36
- E. None of the options is correct

Q14. If STAR is coded as TUBS, similarly, what is the code for PLAN?

[+1]
[-0]

- A. QMBQ
- B. RMCP
- C. QMBO
- D. SNDP
- E. None of the options is correct

Q15. In a group of 30 children, 18 like ice cream, 15 like cake, and 5 like both. How many like neither?

[+1]
[-0]

- A. 2
- B. 3
- C. 4
- D. 5
- E. None of the options is correct

Q16. What does the POST error beep codes indicate ?

[+1]
[-0]

- A. RAM failure
- B. OS corruption
- C. BIOS update needed
- D. Network issues
- E. None of the options is correct

- Q17.** How many bits are there in 3.5 nibbles? [+1]
[-0]
- A. 12
 - B. 14
 - C. 16
 - D. 18
 - E. None of the options is correct
- Q18.** What is the purpose of Ctrl + Z in most applications? [+1]
[-0]
- A. Redo an action
 - B. Zoom in
 - C. Zoom out
 - D. Undo the last action
 - E. None of the options is correct
- Q19.** A game requires players to use the number pad for quick numeric inputs, but the number pad is currently set to control character movements. If the player presses the Num Lock key and then uses the number pad to input the sequence "123", what will happen, and why? [+1]
[-0]
- A. The numbers "123" will be input because Num Lock enables numeric mode
 - B. The cursor will move because Num Lock disables numeric mode
 - C. The game will pause because Num Lock is a control key
 - D. The number pad will not respond because Num Lock locks the keyboard
 - E. None of the options is correct
- Q20.** What is the function of the Control Panel in Windows ? [+1]
[-0]
- A. To access web browsers
 - B. To change settings and control system configurations
 - C. To edit documents
 - D. To play media files
 - E. None of the options is correct
- Q21.** Which key is used to refresh a webpage ? [+1]
[-0]
- A. F1
 - B. F5
 - C. F2
 - D. F12
 - E. None of the options is correct
- Q22.** Which editor is used by the windows system to edit text files by default? [+1]
[-0]
- A. vi
 - B. word
 - C. notepad
 - D. notepad++
 - E. None of the option is Correct

- Q23.** Which of the following represents the smallest unit of display on a screen ? [+1]
[-0]
- A. Pixel
 - B. Byte
 - C. Dot
 - D. Icon
 - E. None of the option is Correct
- Q24.** What is the role of the hard disk in virtual memory? [+1]
[-0]
- A. It permanently stores all programs
 - B. It acts as extra RAM when RAM is full
 - C. It speeds up the CPU's processing
 - D. It saves the computer's BIOS
 - E. None of the option is Correct
- Q25.** A student accidentally deletes a homework file and finds it in the Trash on a macOS computer. What action can they take to get the file back? [+1]
[-0]
- A. Open the file and save it again
 - B. Right-click the file and select "Restore"
 - C. Delete the file again to recover it
 - D. Move the file to a new folder
 - E. None of the option is correct
- Q26.** What type of file is a .WAV file? [+1]
[-0]
- A. Video file
 - B. Image file
 - C. Audio file
 - D. Text file
 - E. None of the option is correct
- Q27.** Which of the following tasks is a supercomputer most likely used for? [+1]
[-0]
- A. Managing a school's attendance records
 - B. Running a library's book catalog
 - C. Processing online shopping orders
 - D. Predicting tomorrow's weather
 - E. None of the option is correct
- Q28.** What is a key difference between third-generation and fourth-generation computers? [+1]
[-0]
- A. Third generation used microprocessors; fourth generation used integrated circuits
 - B. Third generation used integrated circuits; fourth generation used microprocessors
 - C. Third generation was larger; fourth generation used vacuum tubes
 - D. Third generation was slower; fourth generation used punched cards
 - E. None of the option is correct

- Q29.** Which company created the first commercially successful graphical user interface (GUI) for personal computers? [+1]
[-0]
- A. Apple
 - B. IBM
 - C. Microsoft
 - D. Dell
 - E. None of the option is correct
- Q30.** A student uses Format Painter in Microsoft PowerPoint to make all slide titles look the same. What does Format Painter copy in this case? [+1]
[-0]
- A. The text of the titles
 - B. The font style, size, and color of the titles
 - C. The slide background
 - D. The slide animations
 - E. None of the option is correct
- Q31.** How do you start recording a macro in MS Word/Excel? [+1]
[-0]
- A. Click the "Picture" tab
 - B. Press "Ctrl + R"
 - C. Go to "View" → "Macros" → "Record Macro"
 - D. Type "Start Macro" in the document
 - E. None of the option is correct
- Q32.** Which keyboard shortcut creates a hyperlink? [+1]
[-0]
- A. Ctrl + C
 - B. Ctrl + V
 - C. Ctrl + K
 - D. Ctrl + Z
 - E. None of the option is correct
- Q33.** What happens if you clear your browser history? [+1]
[-0]
- A. Websites load slower
 - B. The list of visited sites is erased
 - C. Your bookmarks disappear
 - D. The browser closes
 - E. None of the option is correct
- Q34.** A smartboard allows teachers to write with a stylus, and students see the notes instantly. What is the smartboard? [+1]
[-0]
- A. Only input device
 - B. Only output device
 - C. Both input and output device
 - D. Neither input nor output
 - E. None of the option is correct

Q35. An email says: "Urgent! Your account expires TODAY. Verify now: secure-bank.com". The sender is "support@securebank.xyz". What is suspicious?

[+1]
[-0]

- A. The word "Urgent"
- B. Mismatched domain
- C. Email has no emojis
- D. It asks for verification
- E. None of the option is correct



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Class 4

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

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