



# SAMPLE PAPER

International Olympiad Foundation

EXCELLENCE IN EDUCATION

International Olympiad Foundation

14+

OLYMPIADS

MCQ

FORMAT

0

NEGATIVE MARKS

OLYMPIAD

## Science Olympiad

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

CLASS / GRADE

Class 1

SUBJECT

IFSO

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

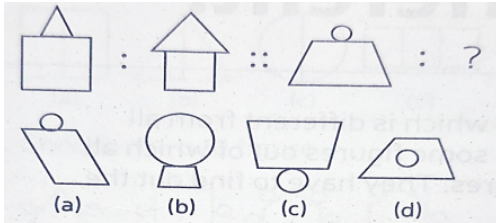
- Cyber English Entrepreneurship Mathematics Commerce Economics GK & Current Affairs Science Western Music  
Sanskrit Indian Music Hindi Reasoning & Aptitude Spell Talent

ALL IOF OLYMPIAD PROGRAMMES

<b>IFCO</b> International Foundation Cyber Olympiad	<b>IFEOL</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 figure will complete the second pair?

[+1]  
[-0]



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

Q2. Which word completes the second pair in the same way as first pair?

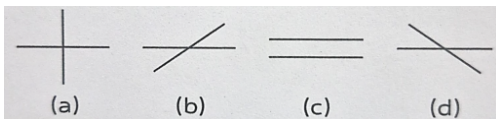
[+1]  
[-0]

Candle : Wax :: Paper : ?

- A. Wood
- B. Tree
- C. Bamboo
- D. Pulp
- E. None of these

Q3. Choose the odd figure.

[+1]  
[-0]



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

Q4. Choose the odd one out.

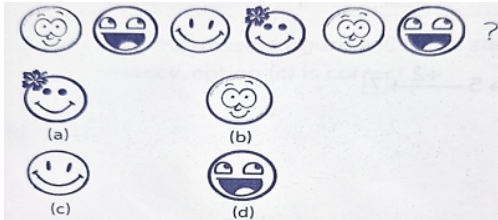
[+1]  
[-0]

Goat , Dog , Sheep , Cow , Camel

- A. Goat
- B. Dog
- C. Sheep
- D. Cow
- E. Camel

**Q5.** Find the missing figure in the given series.

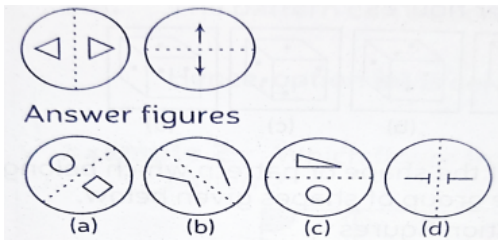
[+1]  
[-0]



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

**Q6.** Which shape is similar to the following group of two shapes?

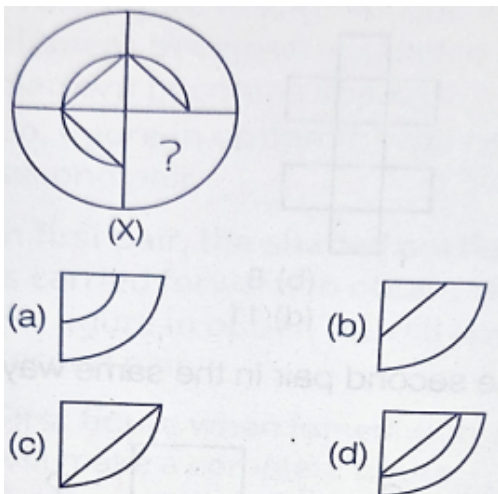
[+1]  
[-0]



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

**Q7.** Which of the following figures will complete the figure (X).

[+1]  
[-0]



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

**Q8.** Choose the correct option to continue the series.

[+1]  
[-0]

1, 5, 9, 13, 17, ?

- A. 18
- B. 21
- C. 19
- D. 22
- E. None of these

**Q9.** If pen is table, table is fan, fan is chair and chair is roof, on which of the following will a person sit?

[+1]  
[-0]

- A. Chair
- B. Roof
- C. Fan
- D. Table
- E. Pen

**Q10.** Choose the correct option to continue the series.

[+1]  
[-0]

G, I, K, M, ?

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

**Q11.** Teacher gave a list to Asha and asked her to write examples of the things whose characteristics were mentioned in the list.

[+1]  
[-0]

1. Living thing that can breathe, grow and reproduce -Ant.
2. Non-Living thing that can increase in size-Gel bead
3. Living thing that cannot move-snail
4. Non-living thing that cannot breathe and reproduce but can move-car

Which of the entries made by Asha are correct?

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

**Q12.** How many living things and man-made non-living things are hidden in the given word grid.

[+1]  
[-0]

C	J	U	G	X	T	N
Y	Q	M	M	A	T	L
C	T	R	O	C	R	O
L	D	N	O	A	E	C
E	S	U	N	T	E	K
C	F	R	O	G	Z	N

	Living things	Man-made non-living things
a	3	6
b	2	4
c	3	4
d	4	3

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

**Q13.** Which of the following is not obtained from animals ?

[+1]  
[-0]

- A. Wool
- B. Milk
- C. Sugar
- D. Meat
- E. None of these

**Q14.** Shruti was experimenting with two cats. She placed first cat in a box with all the essential things required for living except X. It died within minutes. Then she placed second cat in a box with all things essential for its living except Y. It lived for seven days. What are X and Y respectively ?

[+1]  
[-0]

	X	Y
a	Food	Water
b	Water	Food
c	Water	Air
d	Air	Food

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

**Q15.** Match column I with column II and choose the correct option.

[+1]  
[-0]

	Column I		Column II
P	Cotton	1.	Sugar
Q	Neem Tree	2.	Clothes
R	Sugarcane	3.	Medicine

	P	Q	R
a	1	2	3
b	2	3	1
c	3	2	1
d	1	3	2

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

**Q16.** Which part of your body can tell you that

[+1]  
[-0]

- X. a room freshener had been sprayed in the house?
- Y. The movies has a good picture and music quality?
- Z. The ice cream is cold and sweet?

	X	Y	Z
a	Tongue, Nose	Eye, Ear	Skin
b	Nose, Skin	Ear	Eye
c	Nose	Eye, Ear	Tongue
d	Eye, Ear	Nose	Tongue

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

**Q17.** Starting from first letter, cross out every alternate letter. Now identify the word which is associated with sense of smell.

[+1]  
[-0]

- A. NBQESATUUTVIWFXUYLZ
- B. SFPRQATGMRPARNACMEF
- C. LSTMNOIOVTBHA
- D. VDCEDLIIOCLYOUUESA
- E. None of these

**Q18.** Fill in the blanks by choosing the correct option.

[+1]  
[-0]




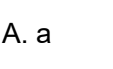
1. Our sense organs are connected to the \_\_\_\_\_.
2. Muscles are attached to the \_\_\_\_\_.
3. The \_\_\_\_\_ pumps blood to all the parts of the body.

	1	2	3
a	Brain	Bones	Heart
b	Heart	Hair	Brain
c	Stomach	Skin	Lungs
d	Lungs	Muscles	Liver

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

**Q19.** Match column I with column II and choose the correct option.

[+1]  
[-0]

	COLUMN 1		COLUMN 2
P		(i)	RAINY
Q		(ii)	SUNNY
R		(iii)	WINDY
S		(iv)	CLOUDY

	P	Q	R	S
a	i	iii	iv	ii
b	iii	i	ii	iv
c	ii	iv	i	iii
d	iv	iii	ii	i

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

**Q20.** What is the function of a part of a plant labelled as X?

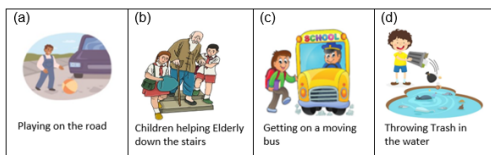
[+1]  
[-0]



- A. Hold the plant to the ground.
- B. Contain seed for growth of new plants.
- C. Makes food for the plant.
- D. All of these
- E. None of these

**Q21.** Pick the odd one out.

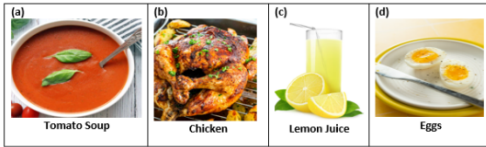
[+1]  
[-0]



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

**Q22.** Foods that are obtained from plants is vegetarian food. Which of the following is a vegetarian food?

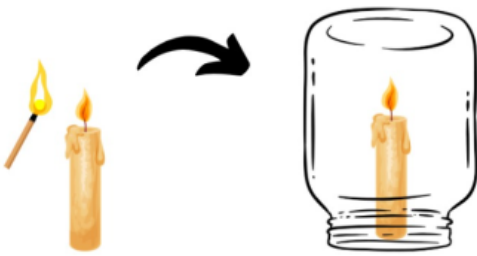
[+1]  
[-0]



- A. Chicken and Lemon juice
- B. Eggs and Tomato soup
- C. Tomato soup
- D. Tomato soup and Lemon juice
- E. None of these

**Q23.** Nitin's mother lit a candle and then covered it with a glass jar. What will they observe after some time?

[+1]  
[-0]



- A. Candle will burn brighter.
- B. Candle will stop burning.
- C. Candle will start burning with flicker.
- D. No change will be observed.
- E. None of these

**Q24.** Neha after cleaning the whole house was feeling very tired. She drank a glass full of lime juice with lot of sugar. She is feeling better now. How?

[+1]  
[-0]

- A. Water content give her instant energy.
- B. Lime is good for health.
- C. The sugar in the juice gives instant energy.
- D. All of these
- E. None of these

**Q25.** Select the correct statement about the picture.

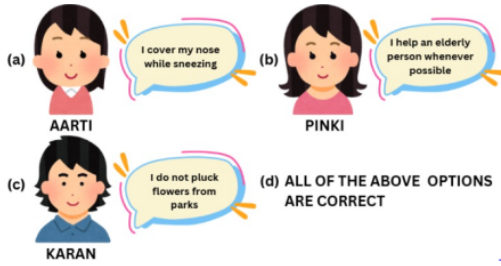
[+1]  
[-0]



- A. We should use it to overtake other vehicles.
- B. It is a zebra crossing, which helps people to cross the road safely.
- C. We should use it to cross the road when the traffic light is green for vehicles.
- D. All of these
- E. None of these

Q26. Who among the following practices good habit?

[+1]  
[-0]



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

Q27. Read the given statements made by four friends and select the correct option.

[+1]  
[-0]



- A. Pia used the sense which also helps to identify colour of flower.
- B. Palak used the sense which also helps to respond to a phone's ring.
- C. Anjali used the sense which also helps to identify spicy soup.
- D. Roshni used the sense which also helps to identify the smell spread in a room.
- E. None of these

Q28. Observe the shadow and choose the correct option for the time of the day.

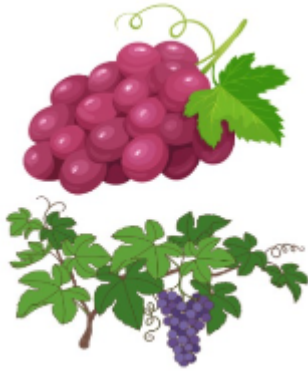
[+1]  
[-0]



- A. Evening
- B. Noon
- C. Morning
- D. Can't be determined
- E. None of these

**Q29.** Identify the type of plant shown in the picture below.

[+1]  
[-0]



- A. Climber
- B. Creeper
- C. Herb
- D. Shrub
- E. None of these

**Q30.** Which of the following properties of rubber is considered while making garden hose?

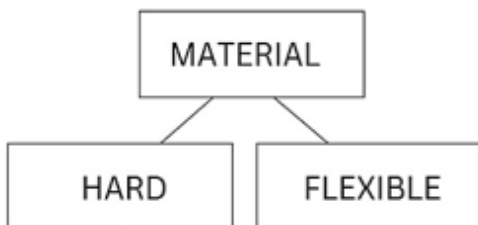
[+1]  
[-0]



- A. Softness
- B. Hardness
- C. Flexibility
- D. Shiny
- E. None of these

**Q31.** Study the given flowchart. Which of these materials can be placed under both the groups?

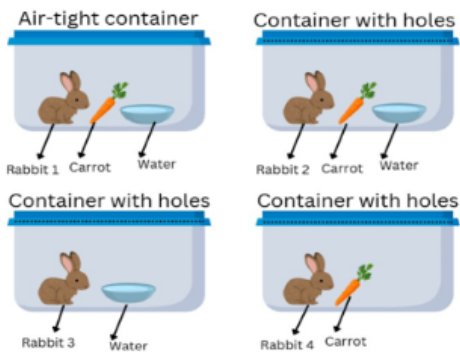
[+1]  
[-0]



- A. Wood
- B. Plastic
- C. Iron
- D. Gold
- E. None of these

**Q32.** The diagram shows four rabbits kept in four different containers. They were left untouched for two weeks. Study the diagram and answer which of the rabbit typically has the longest lifespan?

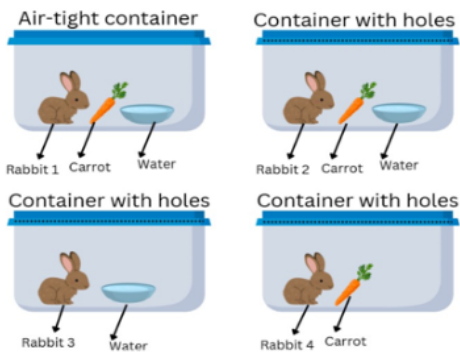
[+1]  
[-0]



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

**Q33.** The diagram shows four rabbits kept in four different containers. They were left untouched for two weeks. Study the diagram and answer which of the rabbit has the shortest lifespan?

[+1]  
[-0]



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

**Q34.** Mohit's basketball had a small puncture somewhere. To find the puncture he put the ball in a bucket full of water and he finally was able to find puncture.

[+1]  
[-0]

How did Mohit managed to find the puncture?



- A. He cleaned the ball to see the puncture clearly.
- B. He filled the ball with water and found the puncture as water started leaking from the hole.
- C. Air bubbles coming out from punctured spot helped Mohit to find it.
- D. All of these
- E. None of these

**Q35.** Consider the following statements and choose the correct answer.

[+1]  
[-0]

Statement A: We should take bath every night.

Statement B : We should say sorry if we hurt someone.

- A. Statement A is true, statement B is false.
- B. Statement B is true, statement A is false
- C. Both the statements are true
- D. Both the statements are false.
- E. None of these

CLASS / GRADE  
**Class 1**SUBJECT  
**IFSO**TOTAL QUESTIONS  
**35**MAX MARKS  
**35**

## ANSWER SHEET — 35 QUESTIONS

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

## ◆ ALL IOF OLYMPIAD PROGRAMMES ◆

