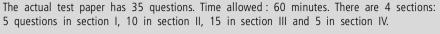


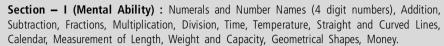
SAMPLE PAPER 2014-15

CLASS

3



SYLLABUS

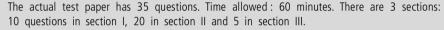


Section – II (Logical and Analytical Reasoning) : Problems Based on Figures, Odd One Out, Series Completion, Coding-Decoding, Mathematical Reasoning, Analytical Reasoning, Mirror Images, Embedded Figures.

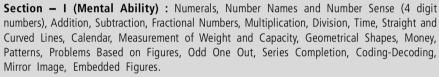
Section — **III (Computers and IT)**: Fundamentals of Computer, General Information about Computers, Storage Devices, Parts of Computer, Uses of Computer, Input and Output Devices, Introduction to Internet, MS-Paint, Introduction to MS-Word, Latest Developments in the field of IT.

Section – **IV** (**Achievers Section**) : Syllabus as per Section — III.

Questions are based on Windows 7 and MS-Office 2010.



SYLLABUS



Section — **II** (**Science**): Plants and Animals, Human Body, Water, Food, House and Occupation, Transport and Communication, Matter and Materials, Earth and Universe, Birds, Light, Sound and Force.

Section – **III** (Achievers Section) : Syllabus as per Section — II.



NATIONAL CYBER OLYMPIAD



INTERNATIONAL MATHEMATICS OLYMPIAD

The actual test paper has 35 questions. Time allowed: 60 minutes. There are 4 sections: 10 questions in section I, 10 in section II, 10 in section III and 5 in section IV.

Section – I: Logical Reasoning Section – II: Mathematical Reasoning

Section – **III** : Everyday Mathematics

Section – IV (Achievers Section) : Syllabus as per Section — II.

SYLLABUS

Numerals and Number Name, Number Sense (4 digit numbers), Addition, Subtraction, Multiplication, Division, Fractions, Money, Length (conversions), Weight, Capacity, Time, Point, Problems Based on Figures, Odd One Out, Patterns, Series Completion, Coding-Decoding, Mirror Images, Embedded Figures, Straight Lines and Curved Lines, Geometrical Shapes.

The actual test paper consists of 35 questions. Time allowed : 60 minutes. There are 4 sections.

SYLLABUS

Section-I (Word and Structure Knowledge) : Adverbs, Prepositions, Pronouns (possessive, demonstrative, etc.), Simple tenses, Irregular verbs, Modals (of ability and permission, etc.), Basic questions, etc. Collocations, Spellings, Words related to animals, Household things, Clothes, Basic emotions, Food, Animals and Pets, etc.

Section-II (**Reading**): Search for and retrieve information from various text types like stories, Anecdotes, etc. Understand information through pictures, Time-table format, etc., Acquire broad understanding of and look for specific information in short texts like messages, Invitations, etc.

Section-III (Spoken and Written Expression): Ability to understand situation-based variations in functions like apology, greeting, introduction, request, etc.

Section – IV (Achievers Section): Syllabus as per Sections I, II and III.



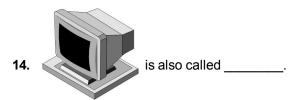
IN ASSOCIATION WITH





N C National Cyber Olympiad

		=			
		ME	NTAL ABILITY		
	The fraction of unshad	ded part is			
	(A) $\frac{2}{3}$	(B) $\frac{1}{3}$	(C) $\frac{1}{2}$	(D) $\frac{3}{2}$	
2.	In one trip a car can ta (A) 5 trips	ake 6 people. In how r (B) 6 trips	many trips can it take 30 p (C) 4 trips	people? (D) 10 trips	
3.	Raman had 28 balloo (A) 20	ons. In a party, 8 balloo (B) 21	ons burst. How many are (C) 25	left with him? (D) 18	
l.	2 + 3 + 16 = 10 + (A) 9	(B) 21	(C) 10	(D) 11	
		LOGICAL AND A	ANALYTICAL REASONI	NG	
5 .	If \oplus means +, \odot me	eans−, ♀ means>,	$\overline{}$ means <, then which	of the following is NOT true?	>
	(A) 2⊕5♀4	(B) 5⊙3 [⊤] 7	(C) 10⊕5♀5	(D) 4⊙2 <u>9</u> 7	
5 .	Find the odd one out. (A) Sunday	(B) January	(C) Wednesday	(D) Friday	
' .	In which one of the follows:	lowing numbers, the d (B) 425	ligits cannot be rearranged	d to get another three digit num (D) 129	nber?
3.	Find odd one out.				
	(A)	(B)	(C)	(D)	
		COMPUTERS AND	INFORMATION TECHNO	LOGY	
).	In MS-Word, what tab (A) View	o of the ribbon do you r (B) Home	need to be on, to see the o (C) Page Layout	document views that are availa (D) Insert	able?
0.		which part of comput			
	(A) Keyboard	(B) Mouse	(C) CD	(D) CPU	
1.	Which of the following (A) You can watch m (C) You can play gan	ovies on it.	computer is NOT correct (B) You can solve y (D) You can cook fo	our sums on it.	
2.	The key that erases of	characters towards the	e left is		
	(A) Backspace		(B) Delete		
	(C) Enter •		(D) S ₁	pace bar	
3.	Find the odd term out (A) Keyboard	(R) Mouse	(C) Monitor	(D) loyetick	



- (A) VDU
- (B) CPU
- (C) ALU
- (D) CU

- 15. MS-Paint is a windows program that is used for
 - (A) Calculations

(B) Writing letters

(C) Drawing purposes

(D) Preparing presentations



National Science Olympiad

MENTAL ABILITY

- 1. If Rahul puts exactly 2 fish in each fishbowl, how many fish will he use to put in 20 bowls?
 - (A) 40
- (B) 22
- (C) 42
- (D) 20

- 2. Which is true?
 - (A) 6,293 > 4,526
- (B) 4,521 < 4,297
- (C) 6,113 > 6,169
- (D) 6,750 = 6,150
- 3. Which means seven thousand five hundred ninety-two?
 - (A) 7,592
- (B) 5,792
- (C) 5,972
- (D) 7,529
- 4. Reena ate 1/8 of the cake. How much of the cake did she eat?









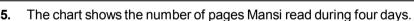












Day	Monday	Tuesday	Wednesday	Thursday
Pages Read	24	17	31	26

How many more pages did Mansi read on Wednesday than on Tuesday?

- (A) 26
- (B) 16
- (C) 14
- (D) 24

SCIENCE

- 6. Solar energy comes from
 - (A) The sun
- (B) Tides
- (C) Oil
- (D) Fossils

- 7. Water droplets that are too heavy to float make
 - (A) Fog
- (B) Clouds
- (C) Rain
- (D) Smoke
- 8. Which of the following does not take the shape of the container it is in?
- (A) Pencil
- (B) Oil
- (C) Water
- (D) Milk
- **9.** The figures below show the roots of some plants. Which of the following will hold the plant most firmly to the soil ?

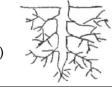




(B)



(C)



(D



10.	Ducks have (A) Short and broad be (C) Slender beaks	eaks		Broad and flat bea	aks
11.	Look at the classification 'P' & 'Q' is correctly result P (A) Tomato (B) Mimosa (C) Pineapple (D) Apple			Edible P	Inedible Q
12.	I protect the brain. I cor What am I ? (A) Skull	nsist of bones which are		ed firmly together t Spine	o form a shell-like structure. (D) Sternum
13.	The bird that lays its eq	ggs in the nest of a crow (B) Parrot		Wood pecker	(D) Pigeon
14.	Which of the following v (A) Salt	vill not dissolve in water (B) Sugar		Sand	(D) Baking soda
15.	Soil helps trees becaus (A) Makes food for the (C) Gives nutrients to t	trees		Moves the tree se Turns the roots in	
1.					tics Olympiad
'. 	(A) 704	(B) 714	-	740	esents seven hundred fourteen? (D) 741
2.	What is the standard fo (A) 7,285	rm of 7,000 + 800 + 20 (B) 7,825		7,852	(D) 7,528
3.	Some students count 14 gym? (A) Fourteen nine (C) One hundred forty-		(B)	an another way of v One fourteen nine One hundred four	
4.	Which place value is us (A) Ones place	sed to prove that 5,487 i (B) Tens place		s than 5,874? Hundreds place	(D) Thousands place
5.	Tina shades in 3 spaces What fraction of the ga (A) 3/6 (C) 3/3			Game	Board
6.	What property of addition (A) Zero plus any number (C) Zero minus any number (D) Zero minus any number (D) Zero minus any number (D)	ber equals to zero mber equals to that nun	(B)	•	6 + 0 = ? ber equals to that number
7.	Sara and 3 of her friend each row. How many so (A) 48			nds draw on the po	f squares with 6 squares in ster? (D) 17
8.	How would the given bl	ock model look from the	e top	?	
	(A)		(B)		
	(C)		(D)		
		,	4		





9. Komal built a birdhouse at summer camp.

What shape is the piece of wood that was cut out to make the door of her birdhouse?

(A) Triangle

(B) Diamond

(C) Circle

(D) Pentagon



10. Mrs. Ryan shows her class two groups of shapes.

Then she asks, "Which rule was used to sort these shapes into groups?"

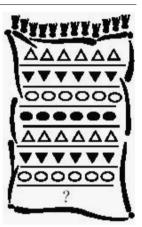
- (A) Large things and small things
- (B) Triangles and squares
- (C) Circles and figures with 4 sides
- (D) Triangles and figures with four sides





11. Jenny is weaving a pattern into a rug. What would most likely come next?

- (Δ)
- $(B) \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$
- (c) $\triangle \triangle \triangle \triangle \triangle \triangle \triangle$
- (D) **V V V V**



12. Meena made this pattern with balls:









Which of the following uses a rule most different from Meena's pattern?

- (A)
-)

- (B)

























- 13. If Pawan has baseball practice every fourth day in the month of March, starting with March 1, what date will be his last day of practice for the month?
 - (A) March 28
 - (B) March 29
 - (C) March 30
 - (D) March 31

		M	ARCI	Ŧ			
S	М	Т	W	Th	F	S	
	2			00	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	

- 14. The rule for sorting is "has four or more corners." Which group has been sorted correctly?
 - (A)

(C)























- **15.** Third-grade students went to a theatre in 8 buses. Each bus took 45 students. How many students went to the theatre?
 - (A) 320
- (B) 360
- (C) 380
- (D) 3240



International English Olympiad

WORD AND STRUCTURE KNOWLEDGE

1. Look at the pictures. Find the correct word for the picture.



	(A) Writer	(B) Dancer	(C) Singer	
2.	Find the odd pair. (A) Cat: Kitten	(B) Cow : Calf	(C) Pig: Pigeon	
3.	The bear went ov	er the	spelling of the word.	
	(A) Mountan	(B) Mountain	(C) Mountane	
4.	•	d using the letters fro ner. Her eyes were sh	m the box. ining with happ	
	(A) Yness	(B) Iness	(C) Eness	
5.	Find the odd word	1.		
	(A) Run	(B) Walk	(C) Table	
6.	Fill in the blanks.			
	There are thirty ta	bles and thirty	in my classroom.	
	(A) Chair	(B) Chairs	(C) A chair	
7.	My teacher's nam	e is Sheela. I like	·	
	(A) Her	(B) Him	(C) She	
8.	Given below are t		e of them is incorrect. Find the incorrect sentence and	
	(A) I go for a wal (C) My name is K		(B) My father's name are Prasad.	

READING

Direction (Q. No. 9 to 12): Read the letter and answer the questions.

Letter to Rudolf, Santa's Reindeer

Dear Rudolf

My name is Meethu. I am a baby parrot! I live with my friend in the great city of Mumbai in the state of Maharashtra. Of course, that's in India, but I'll bet you knew that! Rudolf, some things that I might like for Christmas this year, two bags full of my favourite seed-mix, lots of green chillies and another



baby parrot to play with. And please don't forget to put in a good word for my friend with Santa! He is very nice. He doesn't keep me in a cage.

Lots of Love

Meethu

Now, choose the correct answer.

- 9. Meethu lives in
 - (A) Hyderabad
- (B) Mumbai
- (C) A cage

- 10. Meethu asks for
 - (A) Two things
- (B) Three things
- (C) Five things
- 11. Meethu asks Rudolf some things for
 - (A) Christmas
- (B) Holi
- (C) Good Friday
- 12. Why does Meethu like his owner?
 - (A) He doesn't give him food.
- (B) He puts Meethu in a cage.
- (C) He allows Meethu to fly.
- 13. Find a sentence matching the picture.



- (A) The girl is posting a letter. A crow is looking at her.
- (B) The girl is looking at the crow. The crow is posting a letter.
- (C) The girl is buying vegetables. There is a post-box.

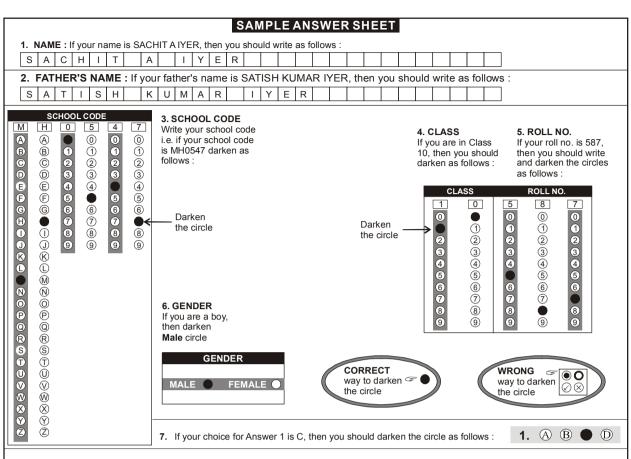
SPOKEN AND WRITTEN EXPRESSION

- **14.** Find one sentence to complete the dialogue.
 - Geetha: Hello! I am Geetha! What is your name?
 - Lina: (A) Hello! I am Lina.
 - (B) Hello! I am going home.
 - (C) Let us go home.
- **15.** Find one sentence to complete the paragraph.

Ram didn't want to swim in the sea.

He sat on the beach and watched Rahul and Mahesh.

- (A) Mummy gave Ram an ice cream but he didn't want it.
- (B) They played in the water.
- (C) But Paul didn't want to.



MARK YOUR ANSWERS WITH HB PENCIL/BALL POINT PEN (BLUE/BLACK)

1. A B C D

2. A B C D

National Cyber Olympiad 2 (1) (1) (2) (1)

5. A B C D

1. A B C D	2. A B C D	3. A B C D	4. A B C D	5. A B C D
6. A B C D	7. A B C D	8. A B C D	9. A B C D	10. A B C D
11. A B C D	12. A B C D	13. A B C D	14. A B C D	15. (A) (B) (C) (D)
	Nat	tional Science Oly	mpiad	
1. A B C D	2. A B C D	3. A B C D	4. A B C D	5. A B C D
6. A B C D	7. A B C D	8. A B C D	9. A B C D	10. A B C D
11. A B C D	12. A B C D	13. A B C D	14. A B C D	15. A B C D

International Mathematics Olympiad

4. A B C D

6. A B C D	7. A B C D	8. A B C D	9. A B C D	10. A B C D
11. A B C D	12. A B C D	13. A B C D	14. A B C D	15. A B C D
	Inter	national English Ol	vmpiad	

3. (A) (B) (C) (D)

	Inte	ernational English C	Olympiad	
1. A B C	2. A B C	3. A B C	4. A B C	5. A B C
6. A B C	7. A B C	8. A B C	9. A B C	10. A B C
11. A B C	12. A B C	13. A B C	14. A B C	15. A B C
	<u> </u>	<u> </u>	<u> </u>	

ANSWERS

National Cyber Olympiad National Science Olympiad						International Mathematics				International English													
1.	(A)	2.	(A)	3.	(A)	1.	(A)	2.	(A)	3.	(A)	Olympiad							Oly	mpiac	ı		
4.	(D)	5.	(D)	6.	(B)	4.	(C)	5.	(C)	6.	(A)	1.	(B)	2.	(B)	3.	(C)	1.	(B)	2.	(C)	3.	(B)
7.	(A)	8.	(D)	9.	(A)	7.	(C)	8.	(A)	9.	(C)	4.	(C)	5.	(A)	6.	(B)	4.	(B)	5.	(C)	6.	(B)
10	. (B)	11.	(D)	12.	(A)	10.	(B)	11.	(C)	12.	(A)	7.	(A)	8.	(A)	9.	(C)	7.	(A)	8.	(B)	9.	(B)
13	(C)	14.	(A)	15.	(C)	13.	(A)	14.	(C)	15.	(C)	10.	(D)	11.	(A)	12.	(B)	10.	(B)	11.	(A)	12.	(C)
	` ,		` ,		` ,		` '		` '		` '	13.	(B)	14.	(C)	15.	(B)	13.	(A)	14.	(A)	15.	(B)

