

Sample Paper

SYLLABUS 2015-16

CLASS

3



Total Questions : 35 Time : 1 hr.

PATTERN & MARKING SCHEME						
Section	(1) Logical Reasoning	(2) Computers & IT	(3) Achievers Section			
No. of Questions	5	25	5			
Marks per Ques.	1	1	2			

Section – 1: Patterns, Analogy and Classification, Coding-Decoding, Mirror Images, Embedded Figures, Alphabet Test, Ranking Test, Grouping of Figures, Figure Matrix, Geometrical Shapes, Days and Dates & Possible Combinations.

Section – 2: 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 (Opening, Closing, Saving and Printing a Word document, Components of MS-Word Window, Editing commands like Cut, Copy, Paste, Undo and Redo, Moving in a document using Home and End Keys), Latest Developments in the field of IT

Section – 3: Higher Order Thinking Questions - Syllabus as per Section -2.

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



Total Questions : 35			Time : 1 hr.		
PATTERN & MARKING SCHEME					
Section	(1) Logical Reasoning	(2) Science	(3) Achievers Section		
No. of Questions	5	25	5		
Marks per Ques.	1	1	2		

SYLLABUS

Section – 1: Patterns, Analogy and Classification, Coding-Decoding, Mirror Images, Embedded Figures, Alphabet Test, Ranking Test, Grouping of Figures, Figure Matrix, Geometrical Shapes, Days and Dates & Possible Combinations.

Section – 2: Plants and Animals, Birds, Food, Housing and Clothing, Transport and Communication, Human Body, Earth and Universe, Matter and Materials, Light, Sound and Force, Our environment.

Section − 3: Higher Order Thinking Questions - Syllabus as per Section − 2.



Time : 1 hr.					
PATTERN & MARKING SCHEME					
Section	(1) Logical Reasoning	(2) Mathematical Reasoning	(3) Everyday Mathematics	(4) Achievers Section	
No. of Questions	10	10	10	5	
Marks per Ques.	1	1	1	2	

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.

Achievers Section: Higher Order Thinking Questions - from the above given Syllabus.



ENGLISH OLTWIPIAD				
In association with	BRITISH COUNCIL			

Total Questions: 35				Time: 1 hr.			
	PATTERN & MARKING SCHEME						
Section	(1) Word and Structure Knowledge	(2) Reading	(3) Spoken and Written Expression	(4) Achievers Section			
No. of Questions		30		5			
Marks per Ques.	1	1	1	2			

SYLLABUS

Section – 1: Word Power: Homophones, Collocations, Spellings, Words related to animals, Household things, Clothes, Basic emotions, Food, Animals and Pets, etc. Synonyms and Antonyms, Gender, Number; Proverbs, One Word, Nouns, Pronouns, Verbs, Adverbs, Adjectives, Articles, Prepositions, Simple Tenses, Conjunctions and Punctuation, Basic Questions etc.

Section – 2: 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 - 3: Ability to understand situation-based variations in functions like apology, greeting, introduction, request, etc.

Section – 4: Higher Order Thinking Questions - Syllabus as per Sections 1, 2 and 3.

N C Q National Cyber Olympiad

	LOGICAL	REASUR	IING	
1.	Which option will complete the Fig. (X)? (A) (C)	(B) (D)		? Fig. (X)
2.	shows group of 5 trees, and shows 10 houses surrounded by 20 trees?	nows group	of 5 houses. V	Which of the following figure
	(A)	(B)		
	(C)	(D)		
3.	If \bigoplus means +, \bigodot means -, \bigoplus means > , \bigoplus (A) $2 \bigoplus 5 \bigoplus 4$ (B) $5 \bigcirc 3 \bigcirc 7$		_	he following is NOT true? O) $4 \odot 2 \overset{\bigcirc}{\cancel{1}} 7$
	COMPUTERS AND INFO	ORMATIO	N TECHNOL	OGY
4.	Which of the following icons is used to draw (A) (B)	perfect circ		of Windows 7?
5.	Which of the following is an input device?			
	(A) (B)	(C)	([D) Both (A) and (B)
6.	Select the INCORRECT match of brushes	in MS-Pai	nt of Windows	7 with their corresponding
	names. (A) — Marker	(B)	– Natural pend	cil
	(C) — Calligraphy brush 1	(D)	– Watercolor b	rush
7.	represents which part of computer?			
	(A) Keyboard (B) Mouse	(C) CD	1)	D) CPU
8.	Which of the following statements about a co (A) You can watch movies on it.	•	NOT correct? can solve your s	sums on it.

(D) You can cook food with it.

(C) You can play games on it.

9. The key that erases characters towards the left is _____.



(B) Delete

(C) Enter ←

(D) Spacebar

10. Find the odd term out.

- (A) Keyboard
- (B) Mouse
- (C) Monitor
- (D) Joystick

11.

is also called _____

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

12. MS-Paint is a Windows program that is used for

(A) Calculations

(B) Writing letters

(C) Drawing purposes

(D) Preparing presentations

13. Which of the following is NOT an example of search engine?



(B) facebook





ACHIEVERS SECTION

14. Alia wants to create a shortcut for MS-Word 2010 so that she can quickly access it. But she does not know the correct sequence of steps required to follow to create a desktop shortcut. Help her by rearranging the given steps in the CORRECT order.



- (B) $1 \rightarrow 2 \rightarrow 4 \rightarrow 7 \rightarrow 3 \rightarrow 6 \rightarrow 5$
- (C) $4 \rightarrow 3 \rightarrow 2 \rightarrow 7 \rightarrow 1 \rightarrow 5 \rightarrow 6$
- (D) $6 \rightarrow 1 \rightarrow 5 \rightarrow 7 \rightarrow 2 \rightarrow 4 \rightarrow 3$



- 15. Identify the following.
 - It is a device that converts textual data into spoken sentences.
 - It is used to read the text information to blind persons.
 - It translates the entered text into spoken words.











National Science Olympiad

LOGICAL REASONING

1. If Anshuman spins the wheel once, the spinner will least likely come on









2.	Study the number line below. Fill in each box 939 (A) 935, 950 (B) 934, 947	with the correct answe 943 (C) 934, 948	r. (D) 935, 949
3.	The figure has straight lines and of (A) 9, 10 (B) 14, 12 (C) 16, 9 (D) 15, 10	curves.	
	sc	IENCE	
4.	What can be the reason that a taxi driver has driving on a hot summer day? (A) Gravitational force between taxi and road is (B) Frictional force between taxi and road is (C) Gravitational force between taxi and road is (D) Frictional force between taxi and road is (D)	I is higher on a hot sum lower on a rainy day. I is lower on a rainy day	nmer day. y.
5.	Water droplets that are too heavy to float male (A) Fog (B) Clouds	ke (C) Rain	(D) Smoke.
6.	Which of these organ systems gives shape and of the body such as lungs, brain, liver, heart, (A) (B)		d protects the important organs
	Page Page		
7.	The figures below show the roots of some p firmly to the soil ?	plants. Which of the foll	owing will hold the plant most
	(A) (B)	(C) 34 K	(D)
8.	Ducks have (A) Short and broad beaks (C) Slender beaks	(B) Broad and flat be (D) Pointed beaks	aks
9.	Look at the classification table shown. 'P' and 'Q' are correctly represented by P (A) Tomato (B) Mimosa (C) Pineapple (D) Apple	Q Chilli Dragon fruit Rubber Coconut	Fruits Edible Inedible P Q
10.	Renu's grandmother got seriously ill in afternoon situation, which of the following modes should to her father who was in his office? (A) E-mail (B) Letter		•

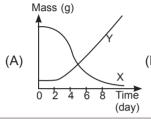
- 11. The bird that lays its eggs in the nest of a crow is
 - (A) Cuckoo
- (B) Parrot
- (C) Wood pecker
- (D) Pigeon.

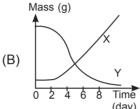
- **12.** Which of the following will not dissolve in water?
 - (A) Salt
- (B) Sugar
- (C) Sand
- (D) Baking soda

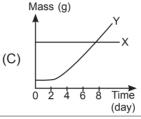
- 13. Soil helps trees because soil
 - (A) Makes food for the trees
- (B) Moves the tree seeds to new places
- (C) Gives nutrients to the trees
- (D) Turns the roots into new trees.

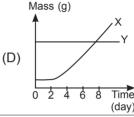
ACHIEVERS SECTION

14. When a seedling grows, it depends on the seed leaves for nutrition until the first leaves are formed. Which of the following graph correctly identifies the changes in mass of seed leaf (X) and shoot (Y) over time?

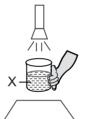


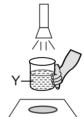


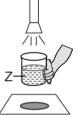




- 15. Observe the given pictures carefully and select the correct conclusion regarding liquids X, Y and Z.
 - (A) Liquid X is transparent and liquid Z is translucent.
 - (B) Liquid Y is opaque and liquid Z is translucent.
 - (C) Liquid X is transparent and liquid Z is opaque.
 - (D) Liquid Y is transparent and liquid Z is opaque.









International Mathematics Olympiad

LOGICAL REASONING

Meena made this pattern with balls:









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























- 2. 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

	MARCH						
S	М	Т	W	Th	F	S	
				(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	

3.	Komal built a birdhou What shape is the pie (A) Triangle (C) Circle			door of her birdhouse?
4.	How would the given	block model look fro	m the top?	
	(A)		(B)	
	(C)		(D)	
		MATHEMA	TICAL REASONIN	G
5.	Tina shades in 3 spa game board is shade (A) 3/6 (C) 3/3	•	d. What fraction of th (B) 3/5 (D) 6/3	ne Game Board
6.	What is the standard (A) 7,285	form of 7,000 + 800 (B) 7,825	+ 20 + 5? (C) 7,852	(D) 7,528
7.	8 × 9 = + 9 + 9. (A) 54	The missing number (B) 45	is (C) 43	(D) 34
8.	Tanya started watchin time did she go to be (A) 10:27 p.m.	d ?	p.m. She decided to (C) 9:27 p.m.	go to bed 1 hr 40 min later. At what (D) 9:27 a.m.
9.	The product of a num (A) 40	ber and 6 is 240. Th (B) 80	e number is (C) 144	(D) 1440
		EVERYD	AY MATHEMATICS	
10.	Sara and 3 of her frie each row. How many (A) 48			8 rows of squares with 6 squares in n the poster? (D) 17
11.	Third-grade students went to the theatre? (A) 320	went to a theatre in (B) 360		ook 45 students. How many students (D) 3240
12.				number represents seven hundred (D) 741
13.	If Rizvan sells 479 eg (A) 486		· ,	
		ACHIE	VERS SECTION	
14.	Look at the given num Q is 1 more than P. Then, P + Q =		(0) 6	$ \begin{array}{c} 3 \times 5 \\ 6 \times P \end{array} $ (D) 9 Q×5
	(A) 1	(B) 5	(C) 6	(D) 9 Q×5
15.	Find the value of			
	+ =	12; + = 17	;	X = (×



I E Q International English Olympiad

WORD AND STRUCTURE KNOWLEDGE

1.	Find the correct word for the picture.	<u> </u>
	·	
	(A) Writer	
	(B) Dancer	
	(C) Singer	
2.	Find the odd pair. (A) Cat: Kitten (B) Cow: Calf	(C) Pig: Pigeon
Dir	ection : Complete the sentence with the c	orrect spelling of the word.
3.	The bear went over the (A) Mountan (B) Mountain	(C) Mountane
Dir	ection (Q. No. 4 and 5): Fill in the blanks.	
4.	There are thirty tables and thirty(A) Chair (B) Chairs	in my classroom. (C) A chair
5.	My teacher's name is Sheela. I like(A) Her (B) Him	. (C) She
6.	Find the incorrect sentence. (A) I go for a walk. (C) My name is Kishan.	(B) My father's name are Prasad.
	R	EADING
	ection (Q. No. 7 to 10) : Read the letter an	d answer the following questions.
My Mal Chr to p doe Lots	harashtra. Of course, that's in India, but I'll be ristmas this year, two bags full of my favourite	with my friend in the great city of Mumbai in the state of et you knew that! Rudolf, some things that I might like for e seed-mix, lots of green chillies and another baby parro good word for my friend with Santa! He is very nice. H
7.	Meethu lives in (A) Hyderabad (B) Mumbai	(C) A cage
8.	Meethu asks for (A) Two things (B) Three things	(C) Five things
9.	Meethu asks Rudolf some things for	:
	(A) Christmas (B) Holi	(C) Good Friday
10.	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.	

- **11.** 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.

15. "Let's go out for dinner, _____?"

(A) Shall we



SPOKEN AND WRITTEN EXPRESSION

Dire	Pirection (Q. No. 12 and 13) : Find one sentence to complete the dialogue/paragraph.					
	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.					
13.	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.					
	ACHIEVERS SECTION					
	The teacher is sitting his desk.					
Dire	(A) In (B) At (C) On ection: Choose the best reply.					
שווע	outon . Ontoode the west ichiy.					

SPACE FOR ROUGH WORK

(B) Can we (C) Must we

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

ANSWERS