

CLASS

4

SOF

OLYMPIADS

Teacher Handbook

SYLLABUS 2025-26 **SAMPLE PAPER**

I G K  I E  N S  I M 

I C S  I S S  I H 



Important:
Applications
must reach us by
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2025.

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8
Olympiads

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About SOF Olympiads*

											
	Level 1										
Duration	60 Minutes										
Test Center	Your School										
Eligibility	All students										
Classes	1-10	1-12	1-12	1-12	1-10	3-10	3-10	3-10	11 & 12	Level 2	
Type of Test	OBJECTIVE TYPE. MCQs - MULTIPLE CHOICE QUESTIONS (CLASSWISE NO. OF QUESTIONS ARE GIVEN BELOW)										
Classes 1-4	35	35	35	35	35	35	35	35	-	60 Minutes	
Classes 5-12	50	50	50	50	50	50	50	50	50	SOF Centers	
Sections	4	4	3	4	4	2/4/5	3	3	4	Class toppers, Level 1 rank holders, Zonal top 25	
	3-10	3-12	3-12	3-12	3-12	3-12	3-12	3-12	3-12	OBJECTIVE TYPE. MCQs - MULTIPLE CHOICE QUESTIONS	
Classes 1-4	35	35	35	35	35	35	35	35	35	For Classes 3-10	
Classes 5-12	50	50	50	50	50	50	50	50	50	For Classes 11 & 12	
Sections	3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	For Classes 3-10	
	• General Awareness • Current Affairs • Life Skills • Achievers Section	• Word and Structure Knowledge • Reading • Spoken and Written Expression • Achievers Section	For Classes 1-10 • Logical Reasoning • Science • Achievers Section For Classes 11 & 12 • Physics & Chemistry • Achievers Section • Mathematics or Biology	For Classes 1-10 • Logical Reasoning • Mathematical Reasoning • Everyday Mathematics • Achievers Section For Classes 11&12 • Logical Reasoning • Mathematical Reasoning or Applied Mathematics • Everyday Mathematics • Achievers Section	For Classes 1-5 • Logical Reasoning • Computer Science • Information Technology • Achievers Section For Classes 6-10 • Logical Reasoning • Computer Science • AI, Robotics and Information Technology • Achievers Section	For Classes 3-6 • Social Studies • Achievers Section For Classes 7 & 8 • History • Geography • Social and Political Life • Achievers Section For Classes 9 & 10 • History • Geography • Political Science • Economics • Achievers Section	• शब्द और व्याकरण बोध • रचनात्मक बोध • मेधावी खंड	• Economics • Business Studies • Accountancy • Achievers Section	• Word and Structure Knowledge • Reading • Achievers Section	For Classes 3-10 • Science • Achievers Section For Classes 11 & 12 • Physics & Chemistry • Achievers Section • Mathematical Reasoning or Applied Mathematics • Mathematics or Biology • Achievers Section	For Classes 3-10 • Mathematics • Achievers Section For Classes 11 & 12 • Mathematics • Mathematical Reasoning or Applied Mathematics • Achievers Section



SCHOOL AWARDS



	Principal			Teacher and Olympiad Incharge		
	Cash Award	Trophy	Certificate	Cash Award	Trophy	Certificate
School	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
District	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Zonal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
International	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

SOF SCHOOL ACADEMIC PROGRESS REPORT FOR EVERY SCHOOL

<input checked="" type="checkbox"/> Annual SOF Gifts	<input checked="" type="checkbox"/> New Year SOF Gifts
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Scholarships

SOF's dedicated scholarships, including the Girl Child Scholarship Scheme, Defence Services Academic excellence Scholarship and Academic Excellence Scholarship, demonstrate its commitment to fostering inclusivity and supporting education for all.



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GCSS

**Girl Child
Scholarship
Scheme
2025-26**



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SOF
DSAS

**Defence Services
Academic excellence
Scholarship
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SOF
AES

**Academic Excellence
Scholarship
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Scholarships & Awards*

The Science Olympiad Foundation (SOF) is committed to nurturing young talent and recognizing excellence in academics and beyond. Through its prestigious Olympiads, SOF not only challenges students to reach their highest potential but also acknowledges their achievements with an extensive range of awards, scholarships and recognitions.



Scan the QR code for more details

Level 1 - Scholarships and Awards

Level	Recognition
Level 1	<ul style="list-style-type: none"> All participating students receive a Certificate of Participation*. All participating students receive a detailed SPR - Student Progress Report. Gold Medal of Distinction and Certificate of Distinction for top 25 Zonal toppers per class per exam*. Gold Medal of Excellence for top 10% students from each class. SAPR - School Academic Progress Report for school management.



Final Level - Scholarships and Awards

Level	Category	Award	Additional Recognition	Numbers
Level 2 (IEO, NSO, IMO)	Top 3 International Rankers	₹50,000, ₹25,000 and ₹10,000 for ranks 1, 2 and 3 respectively	International Medals: Gold, Silver and Bronze Certificate of Outstanding Performance	222 Winners
Level 1 (IGKO, ICSSO, ISSO, IHO, ICO)	Top 3 Zonal Rankers	₹5,000, ₹2,500 and ₹1,000 for ranks 1, 2 and 3 respectively	Zonal Medals: Gold, Silver and Bronze Certificate of Zonal Excellence	5,772 Winners
Level 1 (IEO, NSO, IMO) Class 1 & 2	Zonal Rankers 4 to 10	Gift worth ₹500 each	Certificate of Zonal Excellence	13,468 Winners
	Zonal Rankers 11 to 25		Certificate of Zonal Excellence	28,860 Winners
Level 2 (IEO, NSO, IMO)	Zonal Rankers 26 onwards		Merit Certificate	

Recognition for Visionary Leaders (School Principals) & Visionary Educators (Teachers)



Best Principal (International) Citation + Trophy + ₹25,000

Best Principal (Zonal) Citation + Trophy + ₹10,000

Best Principal (District) Citation + Trophy + ₹5,100

Best Teacher (International) Citation + Trophy + ₹10,000

Best Teacher (Zonal) Citation + Trophy + ₹5,000

Best Teacher (District) Citation + Trophy + ₹1,000

* For further details, please visit www.sofworld.org **Note:** TDS as applicable will be deducted.

Guidelines



Scan the QR code to
get important updates

1. Medium of the Olympiads

All SOF Olympiads will be conducted in English, except IHO, which will be conducted in Hindi.

2. School Codes

Each school receives a unique 6-digit code from SOF when it registers for the Olympiads (different from CBSE or any other education board affiliation code). Schools should contact the SOF Head Office in Gurugram if they do not know their code.

3. Registration Procedure

Schools must complete all columns of the SRF (School Registration Form) and SRS (Student Registration Sheet) accurately and legibly and submit them before the due date. Schools are requested to display the enclosed posters on noticeboards, classrooms, or other prominent places. Students must register through their schools only. Individual or direct registrations will not be accepted.

Schools may register in one of the following ways:

- Fill out and courier the registration forms.
- Fill out, scan, and email the registration forms.
- Register online at ors.sofworld.org.

4. Sample Questions & Study Material

Sample questions and study material for each class are included with the prospectus. They can also be downloaded from the SOF website: www.sofworld.org.

5. Exam Format

All questions are multiple-choice questions (MCQ). There is no negative marking. Schools must choose one available date to conduct the exam. They must conduct it strictly on that chosen date only. Different sets of question papers are provided for each date, and non-adherence to the chosen date may lead to cancellation of the exam.

6. OMR Sheets

Students must fill in all columns of the OMR sheet correctly. Any incorrect or incomplete information may lead to disqualification from ranking. A sample OMR sheet is available on the SOF website and is also attached with the prospectus.

7. After the Exam

Answer sheets should be returned to the SOF Head Office next day of the exam. Schools must ensure the answer sheets reach the SOF Head Office within 7 days of the exam date. SOF will not evaluate any answer sheets received beyond the stipulated date.

8. Result

Results are typically declared about 8 weeks after the answer sheets are received. They will be sent to the respective schools and will also be uploaded on the SOF website.

LEVEL 1 SOF OLYMPIADS

1. Examination Centre

All Level 1 Olympiads will be conducted in the students' own schools.

2. Time of the Olympiads

The Level 1 Olympiads are held during school hours.

3. Criteria for Level 1

All students (as per their school's registration) in the relevant classes for the respective Olympiads.

Note : Some exams are single-level only: IGKO, ICSSO, ISSO, IHO and ICO. Students appearing for these exams will not have a Level 2 exam.

LEVEL 2 SOF OLYMPIADS

1. Applicable Olympiads

Level 2 Olympiads are conducted for IEO, NSO, and IMO for classes 3 to 12. IGKO, ICSSO, ISSO, IHO and ICO do not have a Level 2 (they are single-level exams).

2. Date and Examination Centre

The Level 2 exam is scheduled for 8th February, 2026 tentatively. It will be conducted at centers finalized by SOF (not in the students' own schools).

3. No Registration Fee

No separate registration fee is charged for the Level 2 exams.

4. Qualification Criteria

- Top 5% of students (class-wise) who appear in the Level 1 exam, internationally.
- Top 25 rank holders from each zone and each class.
- Class topper (where at least 10 students from a class register for the exam and the topper scores at least 50% marks). In the case of multiple sections in a class, the topper with the highest marks across all sections qualifies.

5. Admit Cards

Admit Cards for the Level 2 Olympiads will be dispatched to schools or uploaded on the SOF website (www.sofworld.org) before the Level 2 exam. The Roll Number slip from the Level 1 exam may also serve as the admit card for Level 2 for qualifying students.

Total Questions : 35

Time : 1 hr.

PATTERN & MARKING SCHEME


Section	(1) General Awareness	(2) Current Affairs	(3) Life Skills	(4) Achievers Section
No. of Questions	20	5	5	5
Marks per Ques.	1	1	1	2


SYLLABUS


Our Body and Health, Plants and Animals, India and the World, Science and Technology, Environment and its Conservation, Language and Literature, Entertainment, Sports, Maths Fun, Life Skills (Moral Values, Flexibility, Emotional Intelligence, Decision Making, Team Work, Leadership, Time Management), Current Affairs .


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

- In which cooking method, food is cooked by direct exposure to dry heat, usually from below?
(A) Steaming (B) Grilling (C) Boiling (D) Blanching
- The idiom, 'on the ball' means _____.
(A) Good in playing football
(B) Aware of any changes or developments and quick to react to them
(C) Information received directly from the source
(D) Cleaning the room
- Who was the first President of the United States?


 (A) George Washington


 (B) Abraham Lincoln


 (C) Franklin D. Roosevelt


 (D) John F. Kennedy
- Which gas present in the atmosphere helps in burning?
(A) Carbon dioxide (B) Oxygen (C) Nitrogen (D) Argon
- Who is the main character in the 'Diary of a Wimpy Kid' series by Jeff Kinney?
(A) Charlotte (B) Greg Heffley (C) Willy Wonka (D) Blanca
- In a village, a considerable increase in water pollution of the nearby lake was noticed as the farming activity intensified. What could be the reason for this?
(A) Use of chemicals to destroy weeds and pests
(B) Use of organic manure

- (C) Excessive use of nitrogen containing fertilisers
(D) Both (A) and (C)

7. Who among the following is the Prime Minister of Bhutan?



(D) None of these

Khandu Wangchuk Sonam Tobgye Tshering Tobgay

8. A 'resilient individual' _____.

- (A) Avoids challenges
(B) Gives up easily
(C) Seeks constant assistance
(D) Bounces back from setbacks and learns from his/her failures

ACHIEVERS SECTION

9. Select the INCORRECT matches.

- (i) Uber Cup — Awarded to the winner of the World Women's Team Championships in badminton.
(ii) Stanley Cup — Awarded to the Champion of the National Hockey League in North America
(iii) Green Jacket — Presented to the winner of FIFA World Cup
(iv) Ballon d'Or — Awarded to the No.1 male tennis player of the year

- (A) (i) and (ii) only (B) (iii) and (iv) only
(C) (i), (iii) and (iv) only (D) (i), (ii), (iii) and (iv)

10. Select the INCORRECT option.

- (A) The expanded form of 51283 is $50000 + 1000 + 200 + 80 + 3$.
(B) The value of CDLIX + CCIX is DCLXVIII.
(C) The largest three-digit even number when rounded off to nearest tens place becomes 990.
(D) The smallest 4-digit number with all different digits and 2 at hundreds place is, 1203.

ANSWER KEY

1. (B) 2. (B) 3. (A) 4. (B) 5. (B) 6. (D) 7. (C) 8. (D) 9. (B) 10. (C)

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	15	10	5	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section – 1 : Collocations, Spellings, Gender, Singular-Plural, One word Substitution, Synonyms, Antonyms, Nouns, Pronouns, Verbs, Adverbs, Adjectives, Contractions, Articles, Prepositions, Conjunctions, Tenses, Punctuations and Jumbled words, Basic Questions, Question Tags, Proverbs, Idioms, 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.

WORD AND STRUCTURE KNOWLEDGE

- Choose the correct option to fill in the blank.
Sumit is a _____ eater. He won't eat it.
(A) prickly (B) free
(C) picky (D) tough
- Choose the correct option for the underlined word.
Rohit leaned against the freshly painted pillar.
(A) Noun (B) Adjective (C) Preposition (D) Adverb
- Choose the part of the sentence that has an error.
Everyone have submitted their test papers.
(A) Everyone have (B) submitted their (C) test papers. (D) No error
- Choose the correct synonym of rebellious.
(A) Unruly (B) Devoted (C) Constant (D) Loyal



READING

Directions (For Q. No. 5 and 6) : Read the passage and answer the questions that follow.

THE MONKEY AND THE DOLPHIN

A sailor, embarking on a voyage to Greece, took along a monkey to amuse him on shipboard. Off the coast of Greece, near Athens, a violent storm arose. Angry waves beat against the ship and dashed it to pieces. The sailor, his monkey, and the

crew jumped into the sea and swam for their lives.

A dolphin saw the monkey struggling in the water and came to his assistance. The dolphin swam with the monkey on his back towards the shore. Then the dolphin, thinking the monkey was a man, asked, "Are you, sir, an Athenian?"

"Certainly I am," the monkey replied, "and furthermore I am descended from one of the noblest families of Athens."

"Then of course you know Piraeus," the dolphin said.

The monkey did not know that Piraeus was the famous harbor of Athens. "Oh yes," he said, "I know Piraeus very well. He is one of my closest friends."

The dolphin was so angered at these lies that he dived into the water and swam away, leaving the monkey to flounder helplessly in the sea. Then he called back to the monkey,

"Those who tell falsehoods sooner or later find themselves in deep water."

5. What did the dolphin do when he saw the monkey in trouble?
(A) The dolphin showed him the way.
(B) The dolphin offered him food.
(C) The dolphin swam towards the shore with the monkey on his back.
(D) None of these
6. The dolphin became angry with the monkey because _____.
(A) of his heavy weight (B) of his lie
(C) he was not an Athenian (D) he told the truth

SPOKEN AND WRITTEN EXPRESSION

Directions (For Q. No. 7 and 8) : Choose the most suitable option to complete each conversation.

7. Mother : Put your toys _____ right now.
(A) across (B) through
(C) away (D) on
8. Mahira : Janice is very _____.
Geet : I completely agree.
(A) pretend (B) pretended (C) pretends (D) pretentious



ACHIEVERS SECTION

9. Choose the correct option to fill in the blank.
Always remember to spend _____ your means.
(A) from (B) within (C) on (D) for
10. Choose the option with correct spelling.
(A) Indignant (B) Slippery (C) Crinckly (D) Fortunete

ANSWER KEY

1. (C) 2. (C) 3. (A) 4. (A) 5. (C) 6. (B) 7. (C) 8. (D) 9. (B) 10. (A)

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, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

Section – 2 : Plants, Animals, Food and Digestion, Human Needs, Matter and Materials, Force, Work and Energy, Our Environment, Earth and Universe.

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

LOGICAL REASONING

1. There is a certain relationship between the pair of figures on the either side of ::. Identify the relationship between the given pair and find the missing figure.



2. Find the missing number, if a certain rule is followed either row-wise or column-wise.

8	6	28
6	3	18
4	7	?

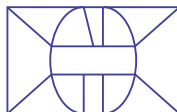
(A) 26

(B) 22

(C) 21

(D) 25

3. How many minimum number of straight lines are required to draw the given figure?



(A) 18

(B) 16

(C) 14

(D) 11









SCIENCE

4. Select the correct option to complete the given analogy.

Pitcher plant : Insectivorous plant :: _____ : Parasitic plant

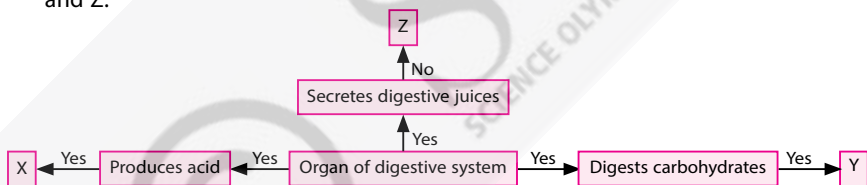
- (A) Duckweed (B) Venus flytrap (C) Dodder (D) Cactus
5. Unscramble the given letters and select the option that gives the name of an endoparasite.
(A) CIEL (B) AFEL (C) OQIMSUOT (D) PMOTEWRA
6. Which of the following can be separated by using a separating funnel?
(A) Oil and water (B) Common salt and water
(C) Rice grains and chaff (D) Chalk powder and water
7. Select the option that contains same type of simple machines as pliers.
(A) Slide, Knife, Bottle cap (B) Pen cap, Ramp, Steering wheel
(C) Bottle opener, See-saw, Nut cracker (D) Scissors, Knife, Screwdriver
8. Study the given relationship based on their root type and select the option that satisfies the same relationship.

Turnip : Onion

- (A)  :  (B)  :  (C)  :  (D)  : 

ACHIEVERS SECTION

9. Refer to the given flow chart and select the option that correctly identifies X, Y and Z.



- (A) X - Large intestine, Y - Mouth, Z - Stomach
(B) X - Pancreas, Y - Food pipe, Z - Oesophagus
(C) X - Stomach, Y - Small intestine, Z - Food pipe
(D) X - Small intestine, Y - Anus, Z - Large intestine
10. Read the given statements and select the option that identifies the INCORRECT one(s).
(i) Radioactive wastes dumped into soil causes soil pollution.
(ii) Overgrazing of land by animals like cow and buffalo can cause increased soil erosion.
(iii) Building embankments along river sides can prevent soil erosion due to wind.
(iv) Cutting hill slopes into steps and planting trees there can prevent soil erosion.
(A) (i) and (iii) only (B) (iii) only (C) (ii) and (iv) only (D) (iv) only

ANSWER KEY

1. (A) 2. (B) 3. (C) 4. (C) 5. (D) 6. (A) 7. (C) 8. (A) 9. (C) 10. (B)

Total Questions : 35

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

Section – 1 : Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

Section – 2 : Numerals, Number Names, Number Sense (more than 4-digit numbers), Computation Operations, Fractions, Length, Weight, Capacity, Time, Money, Geometry, Perimeter of Various Shapes, Symmetry, Conversions, Data Handling.

Section – 3 : Syllabus as per Section-2.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Section-2.

LOGICAL REASONING

1. The codes of some digits are given below.

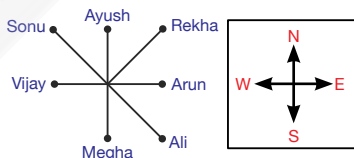
Digits	5	3	6	1	7	8	4	2
Codes	@	#	U	\$	H	E	%	©

Find the code for 85261.

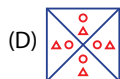
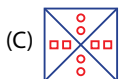
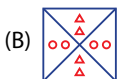
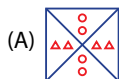
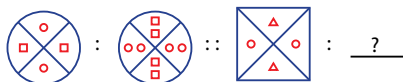
- (A) E©@#\$ (B) %©©UH (C) E@©U\$ (D) H@©#%

2. Who among the following is in the South-West of Arun?

- (A) Vijay
(B) Rekha
(C) Megha
(D) Ali



3. There is a certain relationship between the pair of figures on the either side of ::. Identify the relationship of the given pair and find the missing figure.



MATHEMATICAL REASONING

4. Which of the following fractions is $\frac{5}{6}$ more than $\frac{7}{12}$?

(A) $1\frac{7}{12}$

(B) $1\frac{5}{12}$

(C) $2\frac{7}{12}$

(D) $3\frac{5}{12}$

5. If $\square + \square + \square + \square + \square = 125$ and $\square - 4 \star = \star$,

then find the value of $\star + \star + \square + \square$.

(A) 25

(B) 45

(C) 50

(D) 60

6. Which of the following options is INCORRECT?

(A) 7th multiple of greatest one-digit number is 63.

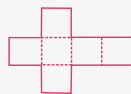
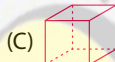
(B) Largest multiple of a number is the number itself.

(C) The number of common factors of 17 and 51 is 2.

(D) None of these

EVERYDAY MATHEMATICS

7. Varun made a shape by folding the given cardboard along the dotted lines. Which shape did Varun make?



8. The capacity of a small container is 400 mL and the capacity of a big container is 1500 mL. If Sumit uses 9 small containers and 2 big containers of water to fill up an empty tank, then what is the capacity of the tank?

(A) 5 L 200 mL

(B) 6 L 600 mL

(C) 4 L 500 mL

(D) 6 L 60 mL

ACHIEVERS SECTION

9. Identify the number using the given clues.

- Its ones place digit is the face value of digit at hundreds place in 5782.
- Its tens place digit is the greatest one-digit even number.
- Its thousands place digit is the tens place digit of CDLXIX.
- Its hundreds place digit is greater than its tens place digit.
- Its ten thousands place digit is less than 6 but more than 3.

(A) 55987

(B) 46798

(C) 47978

(D) 46987

10. Read the given statements carefully and state T for true and F for false.

P. The number of letters having perpendicular lines in the given word is 4.

TREAT

Q. The number of lines of symmetry in a square is 4.

R. An isosceles triangle does not have any line of symmetry.

P
(A) F
(B) T
(C) F
(D) T

Q
(A) F
(B) F
(C) T
(D) T

R
(A) T
(B) F
(C) T
(D) F

ANSWER KEY

1. (C) 2. (C) 3. (A) 4. (B) 5. (D) 6. (B) 7. (C) 8. (B) 9. (D) 10. (D)

Total Questions : 35

Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) Logical Reasoning	(2) Computer Science	(3) Information Technology	(4) Achievers Section
No. of Questions	5	20	5	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section – 1 : Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

Section – 2 : Fundamentals of Computer (Parts of Computer, I/O Devices, Memory and Storage Devices and General Information about Computers), Evolution of Computers, Hardware, Software, MS-Word (Formatting a Word document, Font group, Format Painter, Search using Find and Replace option, Checking Spelling and Grammar using Thesaurus), Using Windows 11, Introduction to Internet and Its Uses, Computer Networks, MS-Paint.

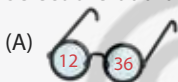
Section – 3 : IT Gadgets, Devices, Apps, Computerization, and other Developments in the Field of IT.

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

Questions are based on Windows 11 and MS-Office 2016.

LOGICAL REASONING

1. Select the odd one out.



2. Select the combination of numbers so that the letters are arranged accordingly to form a meaningful English word.

E B O D L U
1 2 3 4 5 6

- (A) 2, 3, 5, 4, 6, 1 (B) 5, 3, 4, 1, 6, 2 (C) 4, 3, 6, 2, 5, 1 (D) 6, 3, 2, 5, 1, 4

3. Select the CORRECT mirror image of the given combination of digits.

61832



Mirror

(A) 28110

(B) 58110

(C) 53810

(D) 58810





COMPUTER SCIENCE

4. Which of the following options is used to recognize marks made on paper documents, such as forms that contains checkmarks, boxes, etc.?

- (A) OMR (B) BCR (C) MICR (D) Cortana

5. Which of the following options do we need to get connected to the internet?
 (1) An Internet Service Provider (2) A modem (3) A software
 (A) (1) only (B) (2) only (C) (3) only (D) (1), (2) and (3)
6. Which of the following hardware devices makes use of a laser beam to produce an image on the drum, or uses a focused beam of light to transfer text and images onto paper?
 (A) Daisy wheel printers (B) Laser printers
 (C) Dot matrix printers (D) Inkjet printers

INFORMATION TECHNOLOGY

7. _____ is a translation service developed by Google to translate text, documents and websites from one language into another.
 (A)  (B)  (C)  (D) 
8. Which of the following statements hold(s) true?
Statement 1 : The iPhone 15 Pro Max is a smartphone developed by Apple Inc.
Statement 2 : The Xbox is a game console developed by Sony.
 (A) Only Statement 1 (B) Only Statement 2
 (C) Both Statement 1 and Statement 2 (D) Neither Statement 1 nor Statement 2

ACHIEVERS SECTION

9. Which of the following steps has been performed to get Image-2 from the given Image-1 in MS-Paint of Windows 10?
 (A) Right click on the picture → Click on Invert color
 (B) Right click on the picture → Click on Invert selection
 (C) Right click on the picture → Click on Resize
 (D) Right click on the picture → Click on Crop
10. What would be the output, if you perform the given steps in MS-Word 2016?
 Step 1 : Type a text 'Computer Science'. Select the text.
 Step 2 : Apply **U** and **abc** effects on the text.
 Step 3 : Click on **ab**.
- (A) **Computer Science** (B) Computer **Science**
 (C) Computer **Science** (D) **Computer Science**



Image-1



Image-2

ANSWER KEY

1. (C) 2. (C) 3. (D) 4. (A) 5. (D) 6. (B) 7. (B) 8. (A) 9. (A) 10. (D)

Total Questions : 35

Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) Social Studies	(2) Achievers Section
No. of Questions	30	5
Marks per Ques.	1	2

SYLLABUS

Section – 1 : Our Country – Physical and Political Divisions, India – Resources and Climate, Our Rich Heritage, People Who Made a Difference, Our Constitution and Government, Our History, Earth and Environment, Transport and Communication

Section – 2 : Higher Order Thinking Questions - Syllabus as per Section – 1.

- Which of the following is NOT a harvest festival of India?
(A) Baisakhi (B) Diwali (C) Pongal (D) Bihu
- X is the narrow zone of the Earth where we find land, water and air together which contains all forms of life. Identify X.
(A) Atmosphere (B) Lithosphere (C) Biosphere (D) Hydrosphere
- Study the given relationship and fill in the blank with the correct option.
Archaeological source : Seals :: Literary source : _____
(A) Coins (B) Monuments (C) Pottery (D) Vedas
- Which of the following languages is NOT written from left to right?
(A) Tamil (B) Sanskrit (C) Urdu (D) Gujarati
- Lok Sabha elections in India are conducted by _____.
(A) Governor (B) President
(C) Election Commission of India (D) State Election Commission
- Major cities and towns across the country are connected by _____.
(A) National Highways (B) State Highways
(C) District Roads (D) Border Roads
- Which river is also known as *Dakshin Ganga*?
(A) Mahanadi River (B) Godavari River
(C) Krishna River (D) Narmada River

8. Which among the following states receives the first Monsoon rainfall in India?

- (A) Kerala (B) West Bengal
(C) Gujarat (D) Bihar

ACHIEVERS SECTION

9. Rachita is 9 years old girl and is a citizen of India. Which of the following are the Fundamental Duties of Rachita?

- (i) To provide free education to children up to 14 years of age.
(ii) Culture of India should be protected.
(iii) Respect the National Flag.
(iv) Live and work freely without any interference from the state.
(v) Follow the ideals of freedom struggle.

- (A) (i), (ii) and (v) only (B) (ii), (iii) and (v) only
(C) (i), (iii) and (iv) only (D) (iii), (iv) and (v) only

10. Unscramble the given letters to find the name of a seaport which is located in Odisha.

- (A) DPRAPAI (B) AGOAMRMA
(C) UBMIAM (D) OCHCN

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ANSWER KEY

1. (B) 2. (C) 3. (D) 4. (C) 5. (C) 6. (A) 7. (B) 8. (A) 9. (B) 10. (A)

कुल प्रश्न : 35

समय : 1 घंटा

पैटर्न तथा अंक योजना			
खंड	(1) शब्द और व्याकरण बोध	(2) रचनात्मक बोध	(3) मेधावी खंड
प्रश्नों की संख्या	20	10	5
अंक प्रति प्रश्न	1	1	2

पाठ्यक्रम

खंड-1: हमारी भाषा, वर्ण एवं वर्णमाला, शब्द एवं वाक्य, संज्ञा, सर्वनाम एवं विशेषण, काल एवं क्रिया, लिंग एवं वचन, शब्द-भंडार, अशुद्धि संशोधन एवं विराम-चिह्न, गिनती, दिनों एवं महीनों के नाम, शब्दकोश एवं सामान्य शब्द, सामान्य हिंदी ज्ञान

खंड-2: अपठित गद्यांश एवं मुहावरे

खंड-3: उच्चतर क्रम सोच कौशल आधारित प्रश्न— खंड 1 और 2 के पाठ्यक्रम के अनुसार

शब्द और व्याकरण बोध

- भाषा के _____ रूप होते हैं।
(क) तीन (ख) दो (ग) पाँच (घ) चार
- दिए गए वाक्य में रेखांकित शब्द का स्त्रीलिंग शब्द बताइए—
सुमित एक प्रसिद्ध धावक है।
(क) धाविका (ख) धावीका (ग) धविका (घ) इनमें से कोई नहीं
- जिस प्रकार 'कठोर' का विलोम 'कोमल' होता है, उसी प्रकार 'उपकार' का विलोम है—
(क) उत्पत्ति (ख) अपमान (ग) अपकार (घ) उदय
- दिए गए वाक्य में रेखांकित शब्द में संज्ञा का भेद बताइए—
विराट कोहली एक प्रसिद्ध खिलाड़ी हैं।
(क) व्यक्तिवाचक (ख) जातिवाचक (ग) भाववाचक (घ) इनमें से कोई नहीं
- निम्नलिखित वाक्यों में से शुद्ध वाक्य का चयन कीजिए—
(क) यह सचिन का घड़ी है। (ख) हम पूरे देश में घूमा।
(ग) मेरे को भोजन चाहिए। (घ) मुझे कल दिल्ली जाना है।
- क्रिया के जिस रूप से कार्य के होने के समय का पता चलता है, उसे _____ कहते हैं।
(क) क्रिया (ख) कारक (ग) काल (घ) संज्ञा

रचनात्मक बोध

निम्नलिखित गद्यांश को पढ़कर प्रश्न संख्या 7 और 8 के उत्तर दीजिए—

व्यक्ति का मन चाहे कितना भी उदास क्यों न हो, अगर उसे अपना मनभावन संगीत सुनने को मिल जाता है तो कुछ पल के लिए वह अपनी सारी बेचैनी और समस्या को भूल जाता है। दरअसल, संगीत में वह शक्ति होती है जिससे हमारा ध्यान किसी एक तरफ़ केंद्रित हो जाता है। एक अच्छा संगीत, मनुष्य की मनःस्थिति में बदलाव लाने में बेहद अहम भूमिका निभाता है। संगीत हमारी नकारात्मक भावनाओं को सकारात्मकता में बदल सकता है। यह हमारे अंदर खुशी और सुखद अनुभूति का संचार करता है। कुछ संगीत तो ऐसे हैं, जिनमें हम इतना खो जाते हैं कि हमें समय का भी ध्यान नहीं रहता है। अपना पसंदीदा संगीत सुनने पर तो सारी थकान चली जाती है और हम अपने-आपको एकदम तरोताजा महसूस करते हैं।

7. अच्छा संगीत क्या बदल सकता है?

- (क) मनुष्य की भावना (ख) मनुष्य का व्यवहार
(ग) मनुष्य की मनःस्थिति (घ) इनमें से कोई नहीं

8. संगीत हमारी नकारात्मक भावनाओं को किस भावना में बदल सकता है?

- (क) घृणात्मक (ख) भावात्मक (ग) सकारात्मक (घ) विचारात्मक

मेधावी खंड

9. भाषाओं तथा उनकी लिपियों के मिलान के उचित विकल्प का चयन कीजिए—

- | भाषाएँ | लिपियाँ |
|--|----------------|
| (अ) हिंदी | (i) फ़ारसी |
| (ब) अंग्रेज़ी | (ii) गुरुमुखी |
| (स) उर्दू | (iii) देवनागरी |
| (द) पंजाबी | (iv) रोमन |
| (क) (अ)-(ii), (ब)-(iv), (स)-(i), (द)-(iii) | |
| (ख) (अ)-(iii), (ब)-(iv), (स)-(i), (द)-(ii) | |
| (ग) (अ)-(iii), (ब)-(i), (स)-(iv), (द)-(ii) | |
| (घ) (अ)-(ii), (ब)-(iii), (स)-(iv), (द)-(i) | |

10. निम्नलिखित वाक्यों को ध्यानपूर्वक पढ़कर उचित विकल्प का चयन कीजिए—

- (अ) हिंदी भाषा में ग्यारह स्वर होते हैं। (ब) वचन के दो भेद होते हैं।
(स) संयुक्त व्यंजनों की संख्या तीन होती है।
(क) केवल (अ) सही है। (ख) केवल (ब) सही है।
(ग) (अ) तथा (ब) दोनों सही हैं। (घ) (अ), (ब) तथा (स) तीनों सही हैं।

उत्तर कुंजी

1. (ख) 2. (क) 3. (ग) 4. (क) 5. (घ) 6. (ग) 7. (ग) 8. (ग) 9. (ख) 10. (ग)



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