



SOF INTERNATIONAL GENERAL KNOWLEDGE OLYMPIAD

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



Scan the QR code for more details

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.

1. Identify the name of bird shown in the picture.

- (A) Bird of Paradise
(C) Heron

- (B) Kingfisher
(D) Hornbill



2. _____ can be used for travelling from Australia to India.

- (A) Car (B) Aeroplane (C) Bus (D) Bike

3. Which of the following represents the red planet and the blue planet respectively?

- (A) Venus and Jupiter (B) Mercury and Venus
(C) Mercury and Jupiter (D) Mars and Earth

4. Select the correct match.

- | | | | |
|--------------|----------------|-----------------|----------------|
| State | Capital | State | Capital |
| (A) Bihar | Imphal | (B) Kerala | Chennai |
| (C) Nagaland | Aizawl | (D) West Bengal | Kolkata |

5. _____ is regarded as the founder of Sikhism.

- (A) Buddha (B) Guru Nanak Dev (C) Zoroaster (D) None of these

6. Identify the signal used by umpire during cricket match.

- (A) Sixer
(B) Wide ball
(C) Four
(D) No ball



7. Kathi form of embroidery belongs to the state of _____.

- (A) Punjab (B) Rajasthan (C) Gujarat (D) Assam

8. If Pankaj is a dishonest boy, then he is

- (A) Greedy (B) Genuine (C) Deceitful (D) Frank.

ACHIEVERS SECTION

9. Which of the following statements is correct regarding P in the given figure of human digestive system?

- (A) Churns food with digestive juice
(B) Digestion starts here
(C) Absorbs most of water
(D) Digestion of food completes here



10. The table shows the number of points scored by different teams at a sports meet. Which two teams had a total of 538 points?

Team(s)	Yellow	Green	Red	Blue	Purple
Points	351	187	308	402	298

- (A) Yellow and Purple (B) Red and Purple (C) Yellow and Green (D) Red and Green



SOF INTERNATIONAL
ENGLISH OLYMPIAD

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



Scan the QR code for more details

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

1. Choose the correct word/phrase to complete the sentence.
You _____ wear a helmet or you will be fined by the traffic police.
(A) might (B) can (C) must (D) don't have to

Direction (Q.No. 2 to 4) : Choose the correct options to fill in the blanks.

2. The driver was driving the school bus very fast. We told him to please _____ down.
(A) slow (B) calm (C) get (D) hurry
3. My neighbour _____ for breaking his garden lamp while we were playing football.
(A) told me over (B) told me up (C) told me out (D) told me off
4. Sam : Did you understand the paragraph?
Bev : Yes, but can we _____ over it again?
(A) see (B) go (C) get (D) tell

READING

Direction (Q.No. 5 and 6) : Read the text and answer the questions that follow.

Ajith : Who did you tell?
Shalini : Just Malani.
Ajith : And who told you?
Shalini : Gill.
Ajith : And nobody else knows?
Shalini : Only you do.
Ajith : Well, of course, I do. I told Gill.

5. Who knew first?
(A) Ajith (B) Shalini (C) Malani (D) Gill
6. How did Shalini find out?
(A) Ajith told Shalini. (B) Malani told Shalini.
(C) Gill told Shalini. (D) Shalini told Malani.

SPOKEN AND WRITTEN EXPRESSION

Direction (Q.No. 7 and 8) : Choose the best option to complete each conversation.

7. Mandy: Hey! Perry did you see the match last night?
Perry: No, while I _____ the match, the power went off, so I couldn't watch the whole match.
(A) watched (B) watch (C) was watching (D) will watching
8. John: I know lots of people here.
Amir: Do you? I thought you said _____.
(A) you didn't know anybody (B) you knew everybody
(C) you know somebody (D) you didn't say anything

ACHIEVERS SECTION

Direction (Q.No. 9 and 10) : Choose the correct word/phrase to complete each sentence.

9. I feel tired today. I _____ very well last night.
(A) didn't slept (B) hasn't slept (C) didn't sleep (D) having slept
10. It's cloudy _____ it's not raining.
(A) as (B) so (C) but (D) while



**SOF NATIONAL
SCIENCE OLYMPIAD**

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



Scan the QR code
for more details

SYLLABUS

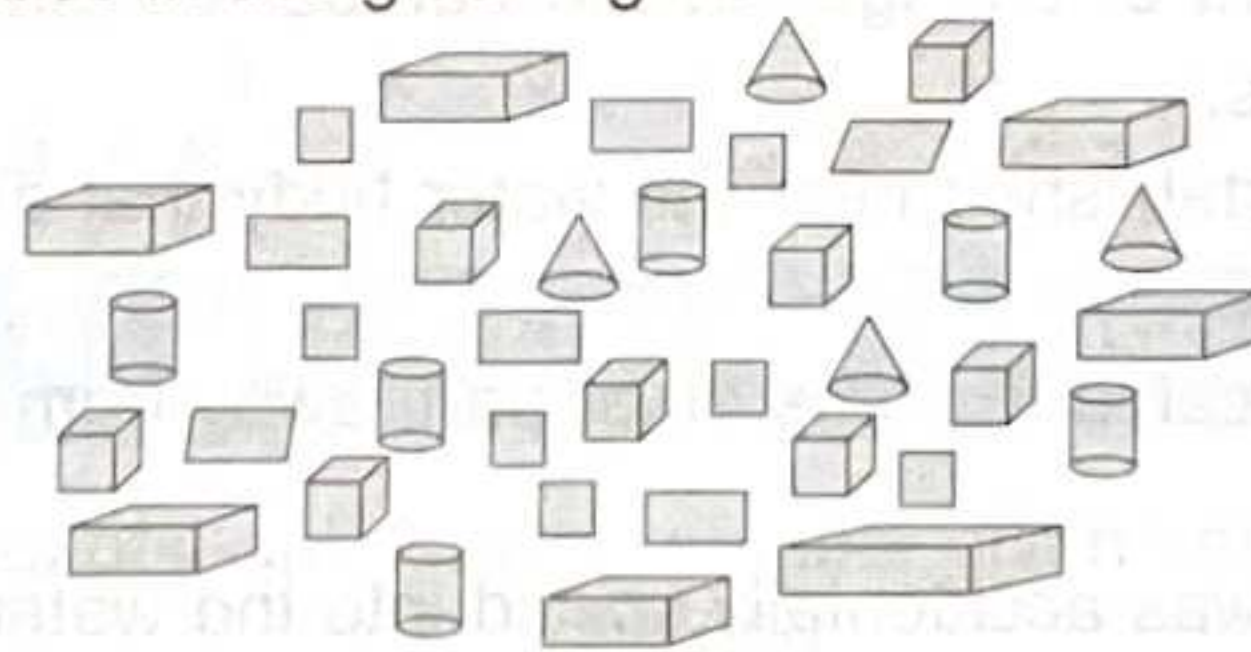
Section - 1 : Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

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.

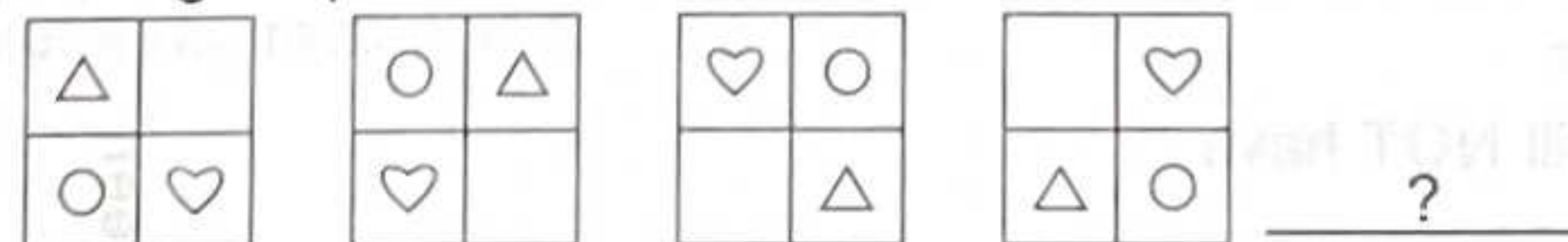
LOGICAL REASONING

1. There are _____ number of cubes in the given figure.



- (A) 8 (B) 10 (C) 12 (D) 15

2. Find the next figure in the given figure pattern.



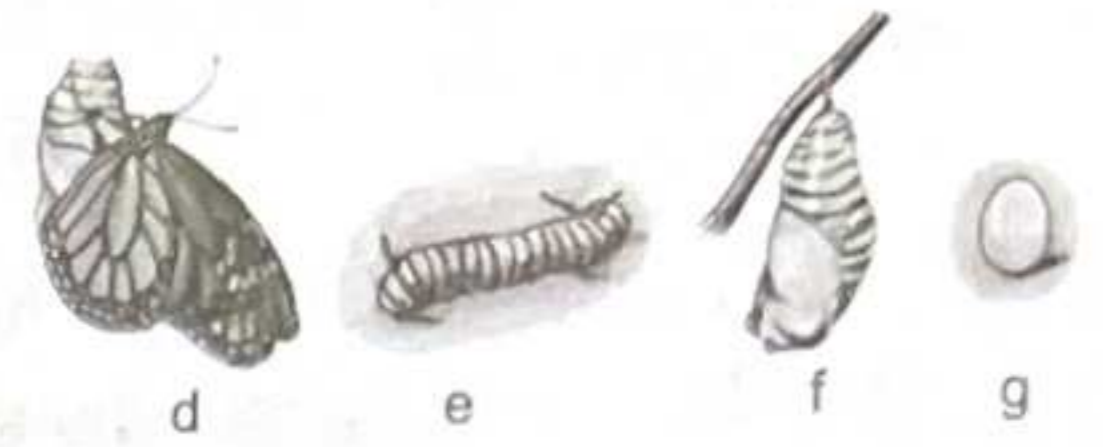
- (A) (B) (C) (D)

3. In a certain code language, if BOARD is written as \$3%#6 and ROPE is written as #35@, then PEAR will be written as _____.

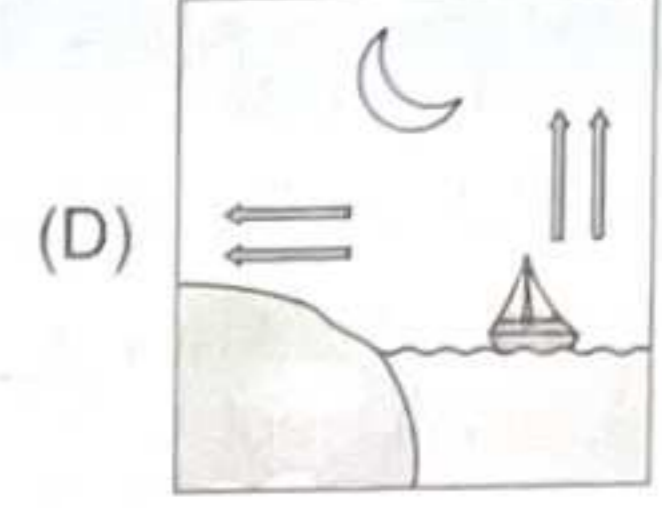
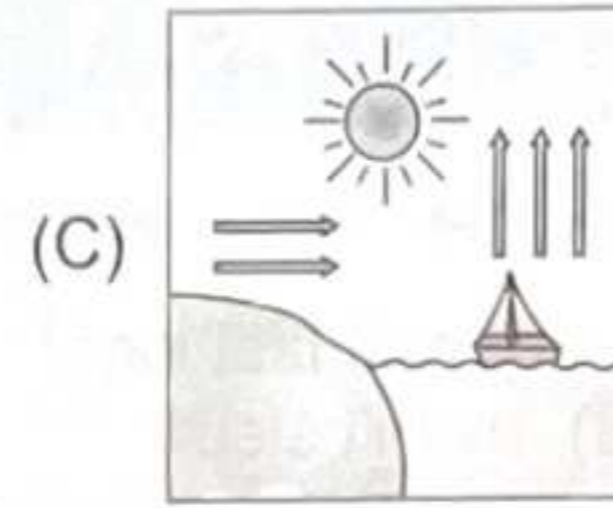
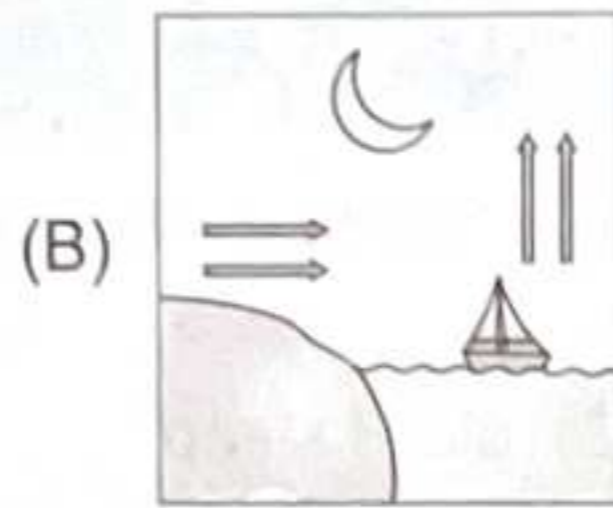
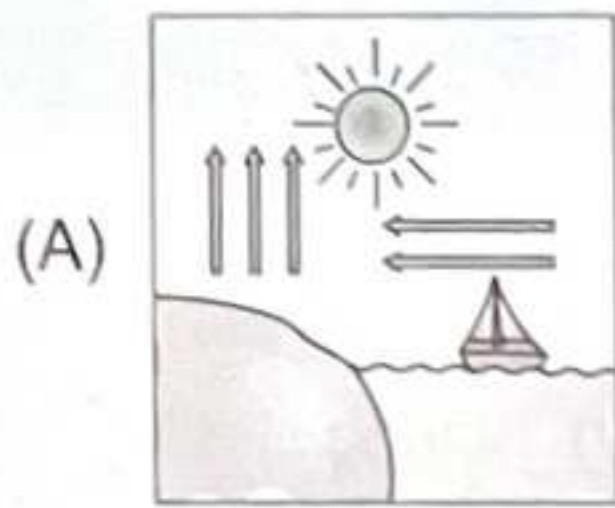
- (A) 5%6# (B) 5^%# (C) #6%5 (D) 5@%#

4. The given pictures show the developmental stages of a butterfly arranged randomly. Select the stage of its life cycle during which it is (a) most active eater, and (b) least active.

- | | |
|-------|-----|
| (a) | (b) |
| (A) d | g |
| (B) e | f |
| (C) d | e |
| (D) f | g |



5. Which of these illustrates sea breeze?



6. _____ is an imaginary line that runs from North Pole to the South Pole. It is tilted at an angle of 23.5 degrees.
 (A) Equator (B) Axis (C) Orbit (D) None of these

7. The food prepared by the leaves is used by the plants for their daily activities. The excess food gets stored as starch in _____.
 (A) Roots (B) Stems (C) Fruits (D) All of these

8. Refer to the given conversation.

Meetu : Mummy, please stitch a cotton frock for my doll.

Mother : Sure Meetu ! She must be feeling _____ wearing woollens in _____.

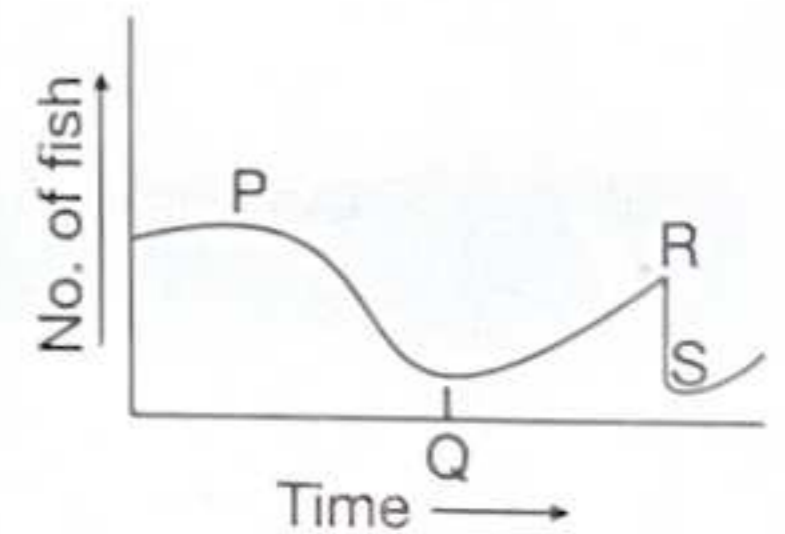
Select the correct option to fill the blanks in the above conversation.

- (A) Hot, summer (B) Cold, summer (C) Wet, winter (D) Cold, winter

ACHIEVERS SECTION

9. The given graph shows the amount of changes in the number of fish in a water body in a year. Select the INCORRECT option regarding this.

- (A) At time P, some factory was established near the water body that discharged its used water in it.
 (B) At time Q, the factory was relocated to some other part, away from the water body.
 (C) At time R, large amount of oil was accidentally spilled into the water body.
 (D) At time S, a new factory was established near the water body.



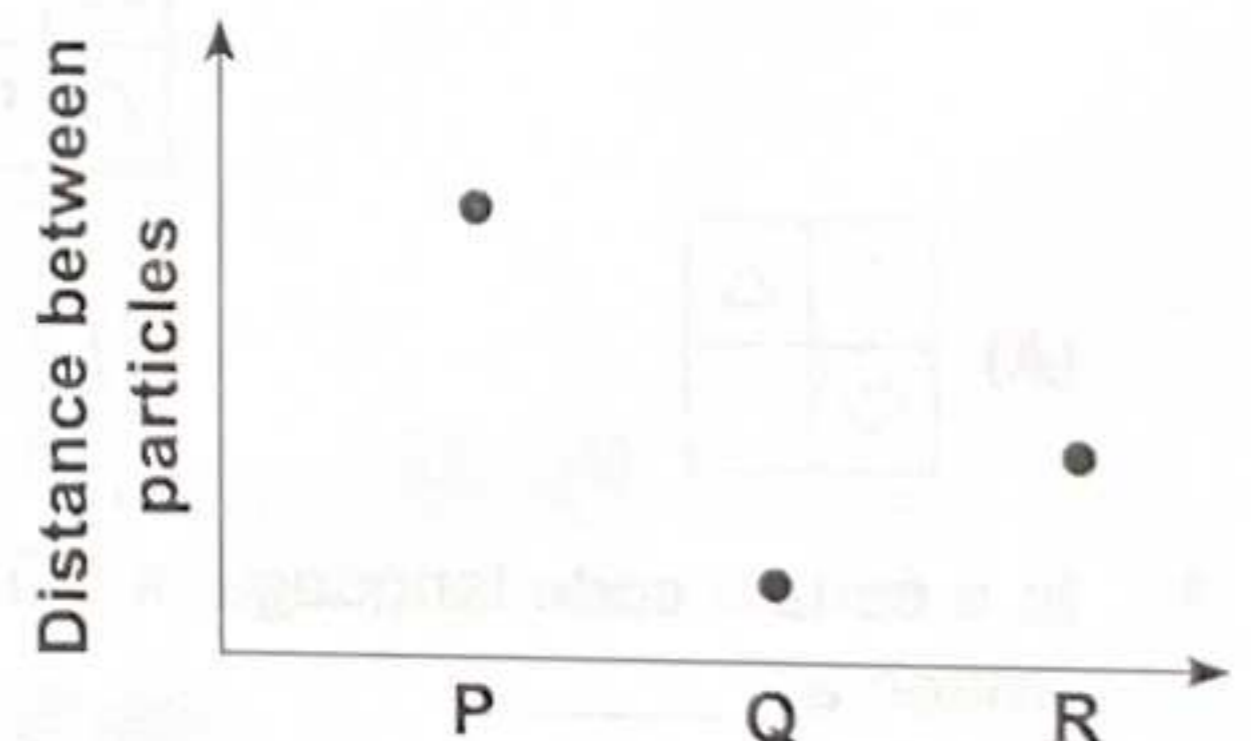
10. The given graph shows the distance between the particles in three samples (P, Q and R) having water in different states of matter.

Which of the following will NOT have

X – Fixed shape only

Y – Fixed shape and volume?

- | | |
|----------|----------|
| X | Y |
| (A) R | Q |
| (B) R | P |
| (C) P | Q |
| (D) P | R |



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



Scan the QR code for more details

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

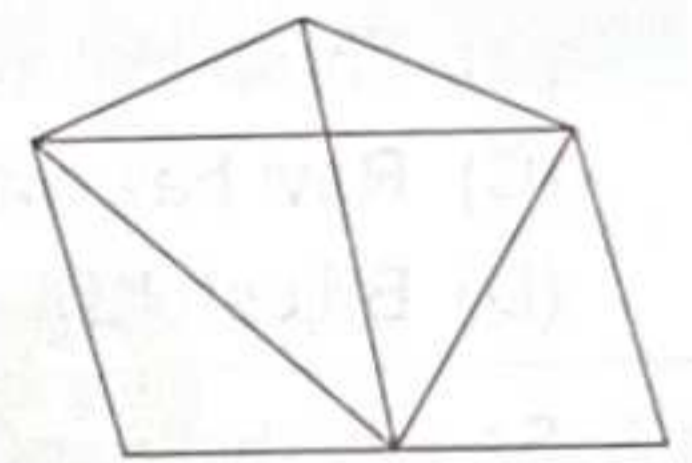
Section – 3 : Syllabus as per Section–2.

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

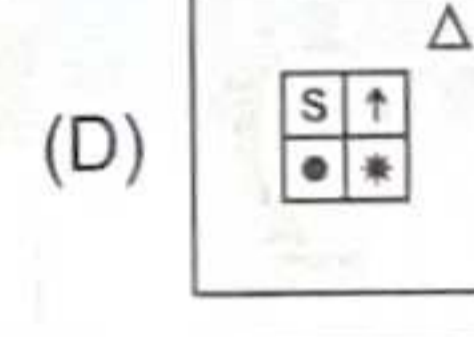
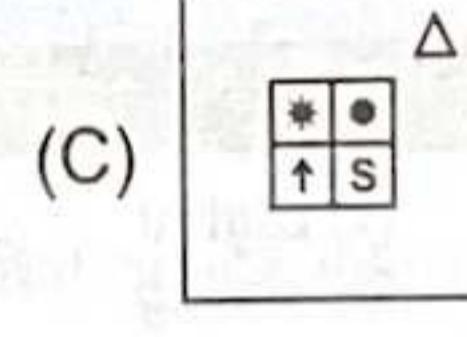
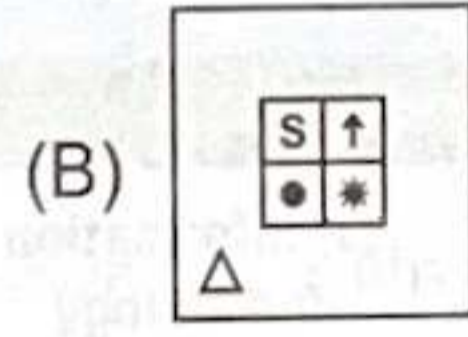
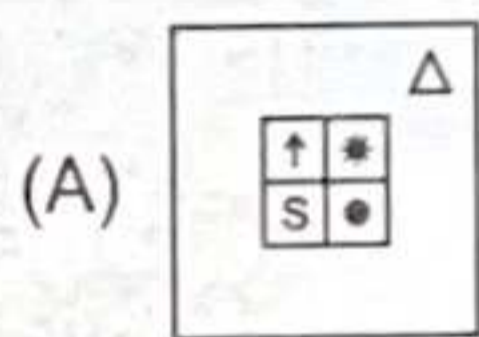
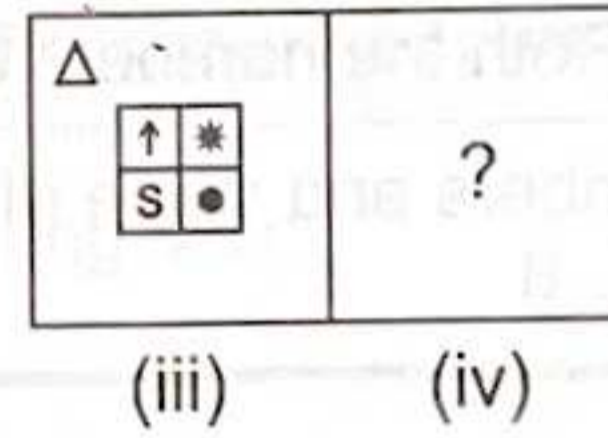
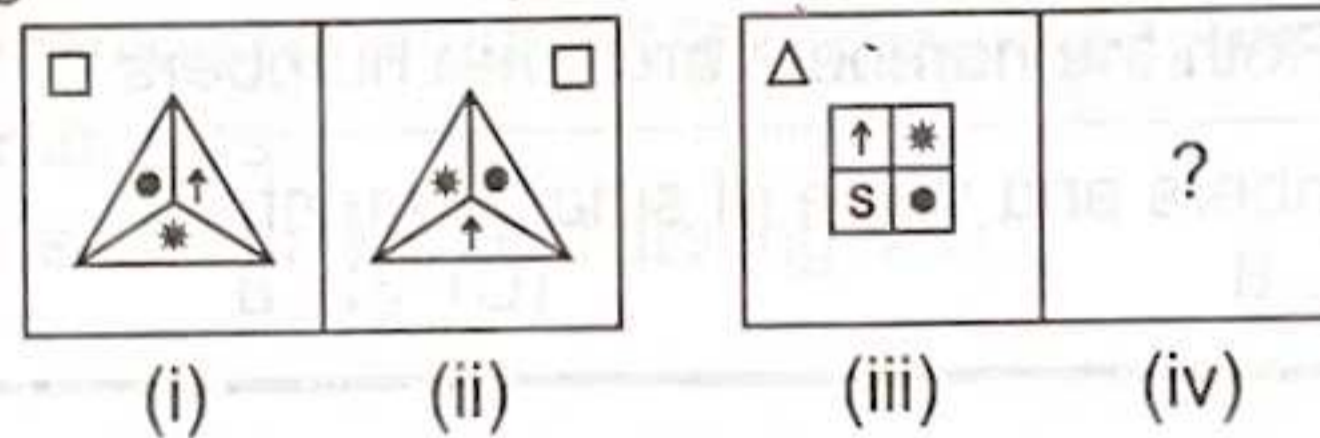
LOGICAL REASONING

1. How many triangles are there in the given figure?

- (A) 11
- (B) 12
- (C) 10
- (D) 14



2. There is a certain relationship between figures (i) and (ii). Establish a similar relationship between figures (iii) and (iv) by selecting a suitable figure from the options which will replace the (?) in Fig. (iv).



3. Some letters are given which are numbered 1, 2, 3, 4, 5 and 6 followed by four options containing combinations of these numbers. Find the combination of numbers so that the letters are arranged accordingly to form a meaningful English word.

N O L E D G
1 2 3 4 5 6

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

MATHEMATICAL REASONING

4. Difference between the place values of 4 and 5 in the number given below is _____.

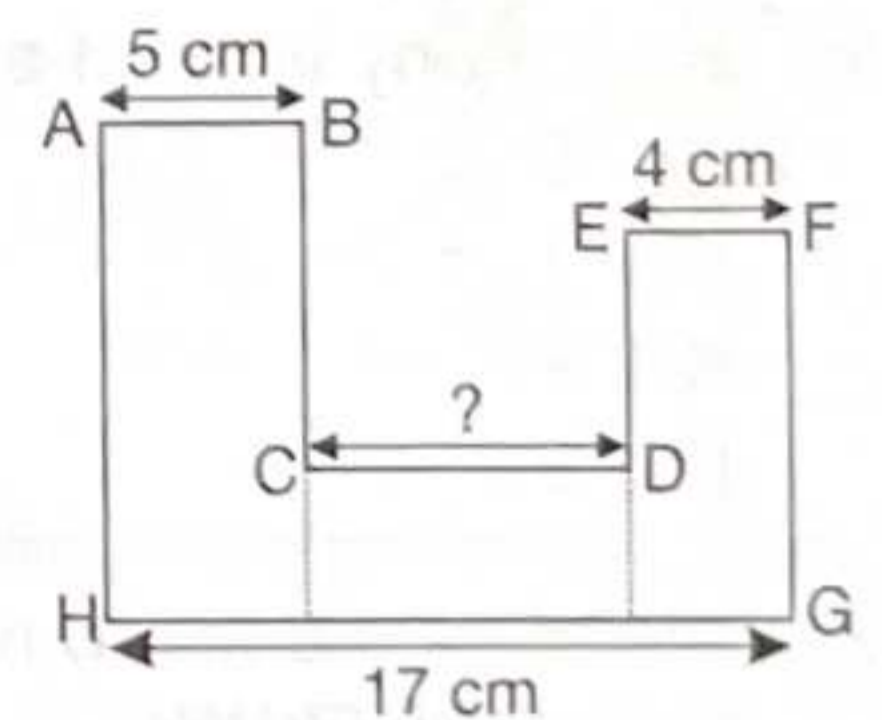
409500

- (A) 1
- (B) 399500
- (C) 39500
- (D) 39590

5. The given figure is made up of three rectangles.

Find the length of CD.

- (A) 10 cm
- (B) 7 cm
- (C) 8 cm
- (D) 13 cm



6. How many multiples of 10 are there from 20 to 150?

- (A) 13
- (B) 14
- (C) 15
- (D) 12

EVERYDAY MATHEMATICS

7. The flight from Chennai to Dubai took off at 4:45 hours. It landed in Dubai at 9:15 hours. How long was the flight?
 (A) 4 hrs 50 mins (B) 3 hrs 55 mins (C) 4 hrs 30 mins (D) 4 hrs 10 mins

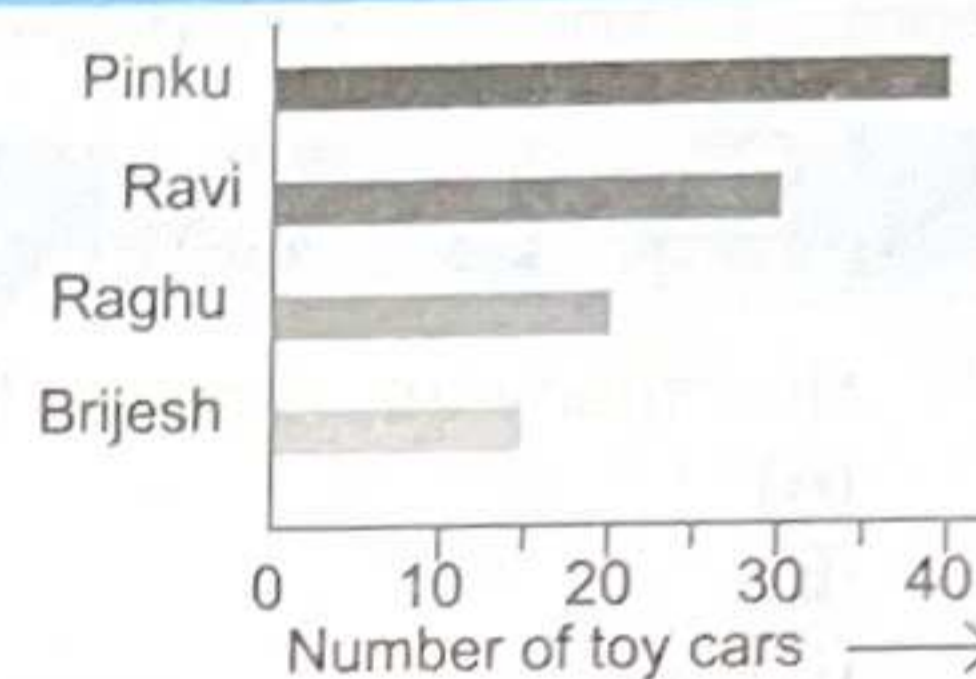
8. The total number of children in a class is 40. 7 children were absent on Monday. What fraction of total children were present on Monday?

- (A) $\frac{7}{40}$ (B) $\frac{33}{40}$ (C) $\frac{40}{7}$ (D) $\frac{40}{33}$

ACHIEVERS SECTION

9. Pinku, Ravi, Brijesh and Raghu are friends. The graph shows the number of toy cars each of them have. What can we conclude from the given graph?

- (A) Brijesh has one-third the number of toy cars Pinku has.
 (B) Three children have more than 20 toy cars.
 (C) Ravi has twice as many toy cars as Brijesh has.
 (D) Brijesh has 1 toy car less than Raghu.



10. Sanchi thinks of two numbers.

- The difference between the numbers is 8.
- The product of the numbers is 128.
- Both the numbers are even numbers.

What is the sum of the value of numbers and value of smaller number?

- (A) 28, 4 (B) 24, 8 (C) 32, 8 (D) 24, 16



**SOF INTERNATIONAL
COMPUTER SCIENCE OLYMPIAD**

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



Scan the QR code for more details

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 : About Computers (General Information), Evolution of Computers, Parts of Computer, Input and Output Devices, 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 10, 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.

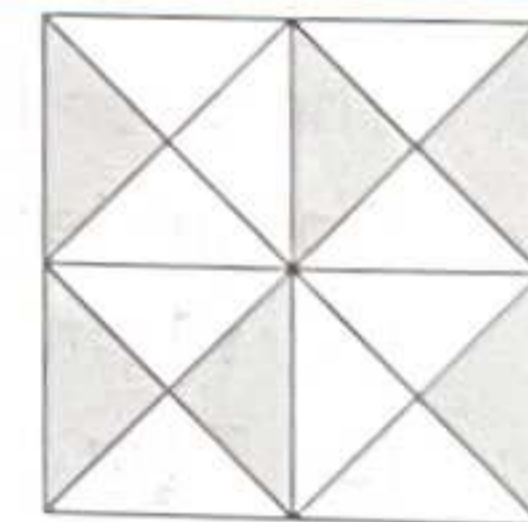
Section – 4 : Higher Order Thinking Questions - Syllabus as per Sections 2 and 3.

Questions are based on Windows 10 and MS-Office 2016.

LOGICAL REASONING

1. How many lines of symmetry are there in the given figure?

- (A) 0
 (B) 1
 (C) 2
 (D) 3







2. Which of the following options shows the correct mirror image of the given combination?

- (A) •23EG4MI↓
 (B) ↑IM4G7E2•
 (C) ↑IM4G7E2•
 (D) ↑IM4G7E2•







3. If yesterday was Tuesday, then what day of the week will it be eighth day from today?
 (A) Tuesday (B) Wednesday (C) Thursday (D) Friday





COMPUTER SCIENCE

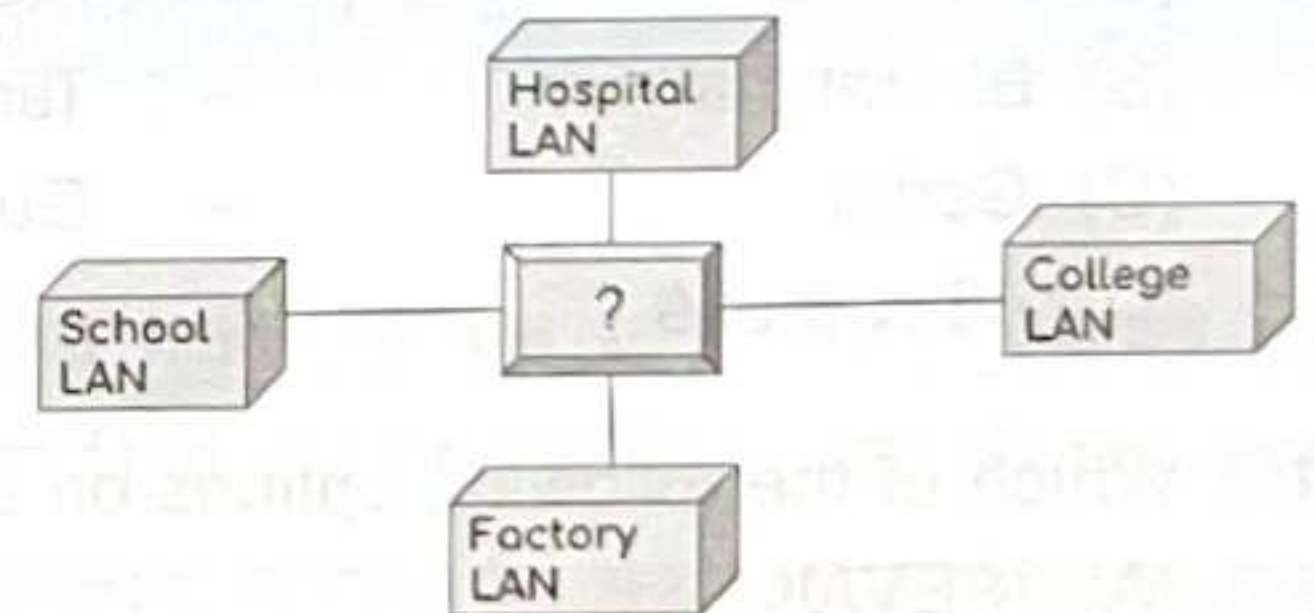
4. Internet can be used for _____.
 (A) Checking exam results (B) Attending online classes
 (C) Downloading study material (D) All of these
5. Which of the following features of Windows 10 makes all open windows transparent for a quick view of desktop?
 (A) Aero Peek (B) Aero Shake (C) Aero Steer (D) Aero Flip
6. _____ feature of MS-Word 2016 allows you to highlight the selected text in a bright color.
 (A)  (B)  (C)  (D) 

INFORMATION TECHNOLOGY

7. Select the odd one out.
 (A)  (B)  (C)  (D) 
8. Which of the following statements is INCORRECT about dropbox?
 (A) It is a website that allows to download and purchase apps, books, games, etc.
 (B) It enables you to work offline with files.
 (C) It is a free cloud storage service for sharing and storing files.
 (D) All of these

ACHIEVERS SECTION

9. Which of the following is known as a file manager application of Windows 10?
 (A)  (B)  (C)  (D) 
10. Which of the following types of network is shown in the given image?
 (A) CAN (B) PAN (C) MAN (D) WAN



SOF INTERNATIONAL
 SOCIAL STUDIES OLYMPIAD

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







Scan the QR code
 for more details

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.

1. _____ is a string instrument.
 (A) Tabla (B) Santoor (C) Trumpet (D) Flute

2. Where did the dance form Mohiniyattam develop?
 (A) Uttar Pradesh (B) Maharashtra (C) Kerala (D) Odisha
3. He founded a monotheistic religion of Persia more than 3000 years ago in ancient Iran. Who is he?
 (A) Jesus Christ (B) Freni (C) Zoroaster (D) Manu
4. Select the correct match.
- (A)  – School ahead (B)  – U-turn prohibited
 (C)  – Roundabout (D)  – Men at work
5. Water on Earth comes mainly from which of the following?
 (A) Taps (B) Rain (C) Wells (D) None of these
6. Which of the following causes air pollution?
 (A) Burning leaves (B) Traffic noise (C) Sewage (D) All of these
7. Roshani is living in Canada. Her friend Sanya is living in Gujarat. Which of the following is NOT a useful means of communication between them?
 (A) Inland letters (B) Telephone (C) E-mail (D) Aerogrammes
8. Which of the following is the largest plateau in India?
 (A) Malwa Plateau (B) Chota Nagpur Plateau
 (C) Deccan Plateau (D) None of these

ACHIEVERS SECTION

9. Select the correct match.
- | Dance form | State |
|-------------------|--------------|
| (A) Bihu | – Assam |
| (B) Bharatanatyam | – Tamil Nadu |
| (C) Garba | – Gujarat |
| (D) All of these | |
10. Which of the following options on unscrambling gives the name of a river flowing from East to West?
 (A) IREVAK (B) RMNAADA
 (C) SHANIRK (D) AHAMDINA



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



Scan the QR code for more details

पाठ्यक्रम

खंड-1: हमारी भाषा, वर्ण एवं वर्णमाला, शब्द और वाक्य, संज्ञा, सर्वनाम एवं विशेषण, क्रिया एवं काल, लिंग एवं वचन, शब्द-भंडार, शुद्ध एवं अशुद्ध शब्द, विराम-चिह्न, गिनती, शब्दकोश, 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
- सुमित एक प्रसिद्ध धावक है।
 (दिए गए वाक्य में रेखांकित शब्द का स्त्रीलिंग शब्द बताइए।)
 (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
- विराट कोहली एक प्रसिद्ध खिलाड़ी हैं।
 (दिए गए वाक्य में रेखांकित शब्द में संज्ञा का भेद बताइए।)
 (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।

- अच्छा संगीत क्या बदल सकता है?
 (क) मनुष्य की भावना
 (ख) मनुष्य का व्यवहार
 (ग) मनुष्य की मनःस्थिति
 (घ) इनमें से कोई नहीं
- संगीत हमारी नकारात्मक भावनाओं को किस भावना में बदल सकता है?
 (क) घृणात्मक (ख) भावात्मक
 (ग) सकारात्मक (घ) विचारात्मक

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

भाषाएँ	लिपियाँ
(अ) हिंदी	(i) फ़ारसी
(ब) अँग्रेजी	(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) और (ब) दोनों सही हैं।
- (घ) (अ), (ब) और (स) तीनों सही हैं।



For More Reference Study Material

Visit www.mtg.in

- ▶ Olympiad Workbooks
- ▶ Olympiad Prep-Guides
- ▶ Olympiad Previous Years' Papers
- ▶ Model Test Papers
- ▶ Online Test Package
- ▶ Live Lectures



SCAN & EXPLORE

mtg MTG Learning Media Pvt. Ltd. The official academic partner of **SQF**