

PRE SECONDARY SCHOLARSHIP EXAMINATION (Std. 8th), FEBRUARY 2018

Seat No.

0 4 2 2

Set

A

Paper No. II

Pages : 32

Medium : Gujarati
Third Language and Intelligence Test

Time : 1:30 to 3:00

Total Marks :150

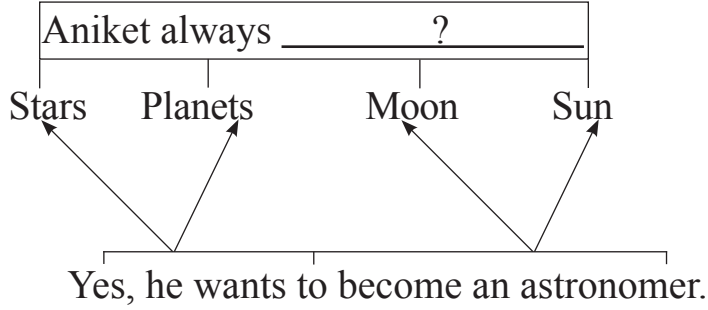
Read the following instructions carefully before you answer the questions.

- (1) This question paper contains two sections. In Section I there are 1 to 25 questions of Third Language and in Section II there are 26 to 75 questions of Intelligence Test. All 75 questions are compulsory.
- (2) All questions carry 2 marks each.
- (3) Time limit to solve the question paper is 90 minutes.
- (4) Separate answer sheet is given to record the answers. Each question has been given four alternatives. Read them carefully. Select the correct answer and shade the correct answer in the answer sheet.
Example :- If the correct alternative for Q. No. 6 is 2, then record your answer as follows:
Question No. 6 ① ● ③ ④
- (5) Answer recorded in any other form will not be considered. Such answer will be credited with 'Zero' mark.
Example: ① ② ● ④
- (6) While recording the correct option in the answer sheet, use only black or blue ball pen. Otherwise it will be credited as 'Zero' mark.
- (7) Answer once recorded cannot be changed.
- (8) Maximum 20% questions are having two correct alternatives. Candidate has to darken both the circles with correct answers. These questions will have the instruction 'Select two correct alternatives'.
- (9) Any kind of answers recorded in more than one circle will not be considered except for those questions having instruction ' Select two correct alternatives'.
- (10) The rough work is to be done in the box given under each page or on the last page of the question paper.
- (11) The exam has limited time, in case you are not able to solve a question, kindly solve the next question. In the end if time permits you can try to solve the unsolved questions.
- (12) If you find any question incomplete or with error, then do not ask anything to the Supervisor or Centre Incharge.
- (13) For any error/mistake/objection issues, school or parents should not send written application to Block Education Officer or Education Officer. These error/ mistake/objection issues should be register online through respective school login only.
- (14) The error/ mistake/ objection issues should be register online within 10-days from the publication of Interim answer key on MSCE website.
- (15) Questions can be cancelled due to printing mistake or any other reason, on the basis of the suggestions given by the Committee of Experts.
- (16) Along with the question paper of the respective medium, the English version of question paper is also provided. In case of doubt please refer to the English version of the same question.

विभाग I

तृतीय भाषा

1. Choose correct alternative to complete the web.



- (1) gazes at (2) gaze at
(3) gazed at (4) gaze

2. Complete the crossword puzzle related to study material.

E								
R		S						
A		C						
	H		R		N	E	R	
E		L		E				
R		E		N				

- (1) A, L, S (2) S, P, B (3) A, P, N (4) S, A, P

3. Find out two milk products from the grid. Choose one alternative.

A	P	I	F	G	D
C	E	F	H	H	I
B	U	T	T	E	R
A	C	C	I	E	C
B	I	D	D	E	F

- (1) LASSI, BUTTER
(2) BUTTER, GHEE
(3) CURD, PANEER
(4) MILK, GHEE

4. Choose one correct alternative. Find the correct conjunction.

Shreya loves to go on roller coaster, yet she has fear about it.

- (1) on (2) go
(3) yet (4) to

5. Choose the pair which is not correct. Choose correct alternative.

A		B	
1.	Fast	1.	Fastly
2.	Beautiful	2.	Beautifully
3.	Slow	3.	Slowly
4.	Care	4.	Carefully

- (1) 4 (2) 2 (3) 3 (4) 1

6. Which is the correct sentence structure for the above sentence. Choose the correct alternative.

'Leelavati loved maths'.

- (1) subject + verb
(2) verb + subject + object
(3) subject + verb + object
(4) subject + verb + object + compliment
7. Read the dialogue and find out the number of interrogative sentences in it. Choose one alternative.

Hrishikesh : Hello ! How are you?

Aniket : Oh! What a pleasant surprise!

Hrishikesh : When are you coming my home?

Aniket : Probably next week.

- (1) 2 (2) 1 (3) 3 (4) 4

8. Choose two correct alternative to find out meaning of underlined word.

The mother said " I forbid you to play outside as it is stormy".

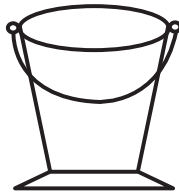
- (1) prohibit (2) inform
(3) allow (4) not allow

9. Complete the following sentence. Choose one alternative.

I had great fun when I _____ him.

- (1) meet (2) met
(3) will meet (4) have met

10. Choose two alternative to complete the sentence. The bucket is _____ than glass.



- (1) heavier (2) bigger (3) longer (4) taller

11. Choose the correct alternative for the underlined word.

It is not desirable for them to eat food.

- (1) They should (2) They can't
(3) They can (4) They shouldn't

12. Read the following sentence and choose correct alternative of passive voice.

The Governor gave him reward.

- (1) A reward gave him by the Governor.
(2) A reward was given him by the Governor.
(3) He gave governor a reward.
(4) A reward has given him the Governor.

13. Choose correct alternative for the following.

Student were making a lot of noise in the class.

The teacher wanted that the class should be quiet. He urged them _____ and listen to his words.

- (1) if they can be quiet. (2) that to quiet.
(3) to be quiet. (c) and asked to remain quiet.

Instructions for Q. Nos. 14 to 15 : Read the passage and choose the correct alternative.

Glass is one of the most beautiful substances that we see around us. There are so many things around us that are made from glass such as light bulbs, bottles, jars, marbles etc. How this glass is made? It is made by heating a mixture of clean white sand and chemicals like soda and lime. The mixture is heated in a furnace till it turns into hot, liquid glass. When it cools down, it becomes stiff and hard. Once glass has become cold, it is not possible to shape it. Glass is brittle. That means it breaks easily. It has to be shaped into different articles when it is still hot and soft.

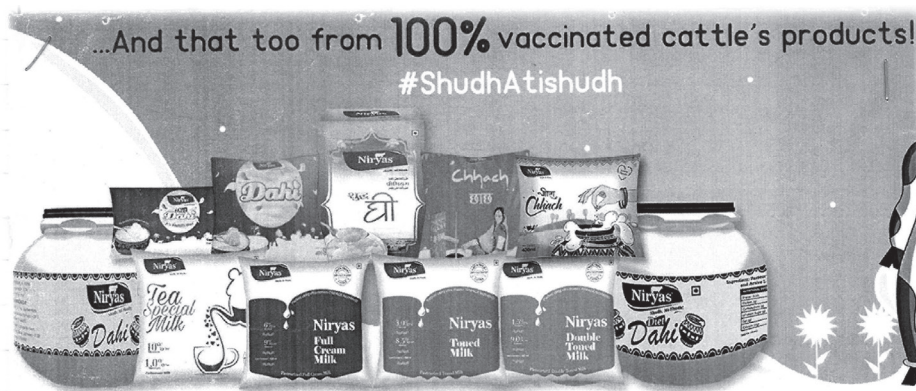
14. What is meaning of 'brittle'?

- (1) liquid (2) furnace
(3) breaks easily (4) substances

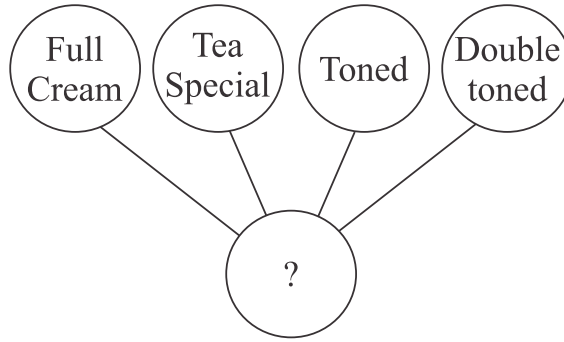
15. Glass is a mixture of _____ components.

- (1) 2 (2) 3 (3) 4 (4) 1

Instruction for Q. No. 16 : Read the advertisement and choose one correct alternative.

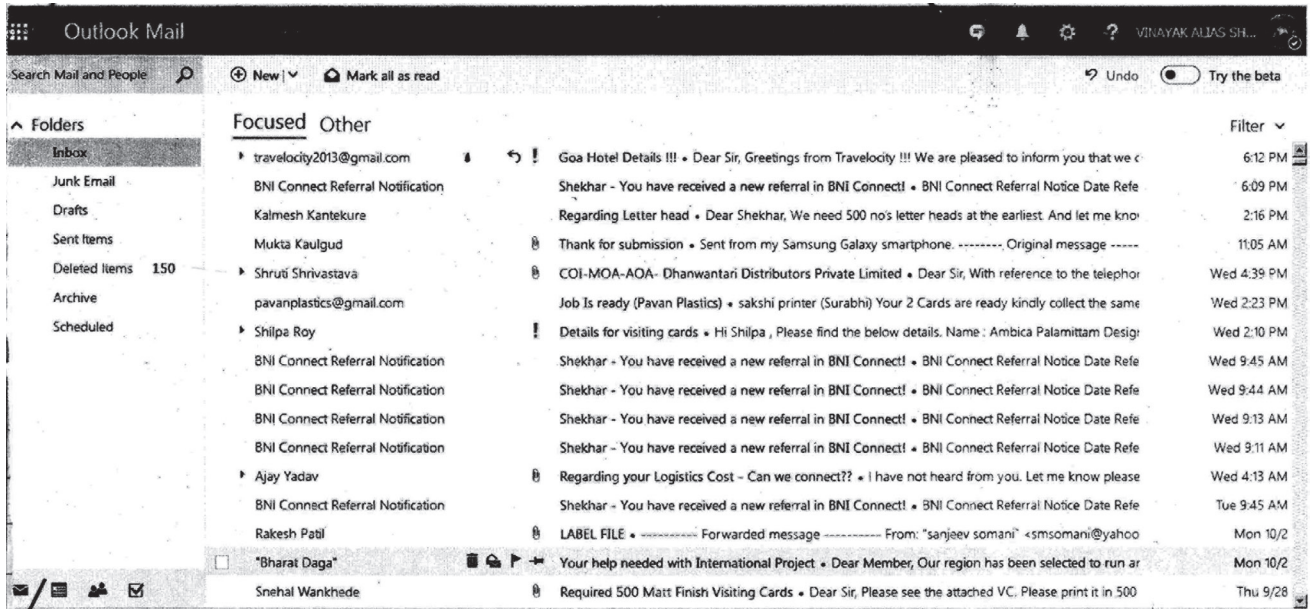


16. Complete the diagram by observing the given advertisement.



- (1) Types of milk
 (2) Types of ghee
 (3) Types of buttermilk
 (4) Types of dahi

Instruction for Q. No. 17 : Go through the mail and choose the correct alternative.



17. On which day most of the messages are received?

- (1) Monday
 (2) Thursday
 (3) Tuesday
 (4) Wednesday

Instruction for Q. No. 18 : Go through the web page and choose the correct alternative.

• Marathi Website

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Secondary & Higher Secondary Education, Pune**

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DOWNLOADS
NOTIFICATIONS
STATISTICS

LATEST NOTIFICATIONS

e MARKSHEET
Online Verification of statement of

18. Anagha got less marks in English in S.S.C Examination. She wants to verify it. Here is the website of S.S.C Board. To verify the marks, where will Anagha click?

- (1) e – marksheet (2) downloads
(3) notifications (4) statistics

19. Read the following note and answer by choosing the correct alternative.

By reading this note we can say that Om : and Adi's Daddy is

For OM and Adi,

I shall not be able to pick you up after school today. Catch the bus home. Be careful when you cross the road. 'Look before you leap' Remember, 'Haste makes waste'.

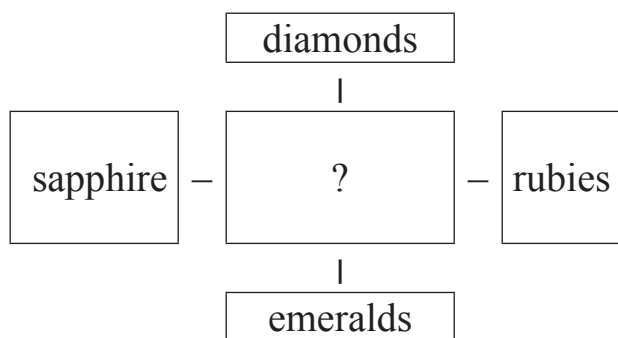
Your Dad.

- (1) strict (2) brave (3) caring (4) strong

Instructions for Q. Nos. 20 to 22 : Read the passage and choose the correct alternative.

Pearls are as valuable as other jewels but there is difference between pearls and other gemstones like diamonds, rubies, emeralds and sapphires. We get diamonds and other gemstones from rocks in mines. They are minerals. We get pearls from living creatures known as oysters. They are kind of shell fish. They lie in water. An oyster has a soft body. It is protected by a shell made of two parts can open and close. When an oyster faces a danger, the shell closes up tightly. Pearls oysters are found in many parts of the world, mostly in seas, and even in some lakes and rivers. They Persian Gulf is specially known for its beautiful natural pearls.

20. Complete the web by choosing two correct options.



- (1) oyster
- (2) gemstones
- (3) minerals
- (4) creatures

21. Where can we get beautiful natural pearls?

- (1) America
- (2) Water falls
- (3) Shops
- (4) Persian Gulf

22. How is the oyster protected ?

- (1) by the sea
- (2) by a shell
- (3) by the pearls
- (4) by the people

23. Choose the correct alternative.

Manoj is good at

- | | |
|---|--|
| a | Slicing, cutting or chopping fruits and vegetables |
| | |
| b | He can also prepare tasty salads. |
| | |
| c | He likes sifting grain or flour. |
| | |
| d | Even he can shell peas and green gram. |

By reading this we can say that Manoj can become a good _____.

- | | |
|----------------------|-----------------|
| (1) vegetable vendor | (3) shop keeper |
| (2) waiter | (4) chef |

24. Four pairs are given in the following. Which pair is not the pair of opposite words. Choose correct alternative.

- | | |
|-------------------------|-----------------------|
| (1) wild – tame | (2) gather – disperse |
| (3) astonish – surprise | (4) agree – disagree |

25. Read the sentence. Choose the correct alternative to complete the sentence.

He has gone outside to find a _____ as he wanted to throw a _____.

- | | |
|---------------|---------------|
| (1) been, bin | (2) bin, bean |
| (3) bean, bin | (4) bin, been |

વિભાગ II

બુદ્ધિમત્તા ઢાચણી

26. એકે તાળી, ત્રણે દોડો, પાંચે થોભો, સાતે બેસો. આ પ્રમાણે શિક્ષકે વિઢ્યાર્થીઓને સૂચના આપી. તો નીચેની સૂચનાનું નિરીક્ષણ કરી બેસતા પહેલા તાળી વગાડી એવું કેટલી વાર થયું ?

1 3 5 7 1 5 7 3 1 7 5 1 3 7 1 7 7 3 7 1 5 1 3 1 7 1 5 1 7 3 1 7

(1) 6 (2) 5 (3) 4 (4) 3

27. ના, ચ, દ, વા, ઇ જ્ઞા ર, ન

આ સર્વ અક્ષરોમાથી એક અર્થપૂર્ણ શબ્દ તૈયાર કરતાં તે શબ્દની બારોબાર મધ્યમાં આવનારા અક્ષરની નજીકનો પહેલો અક્ષર કયો ? (બે અચૂક પર્યાય શોધો)

(1) ચ (2) ર (3) ના (4) વા

28. અક્ષરમાળા :

ABCDE FGHIJ KLMNO PQRST UVWXY

આપેલી અક્ષરમાળા પરથી જો $PEN = 35$; $BALLPEN = 62$ તો $PAPER =$ કેટલા ?

(1) 56 (2) 54 (3) 52 (4) 51

29. આપેલી અક્ષરમાળા પરથી જો $DO = 33$; $COME = 68$ તો $RUN =$ કેટલા ?

(1) 22 (2) 23 (3) 24 (4) 25

30. ર, ગ, ન, દ, મ, હ, ગ, ન, દ, ગ, હ, ન, ગ, ન, ન, ગ, ર, ગ, ન, મ, હ, ગ, ન, દ, ગ, ન, મ આ અક્ષર સમૂહમાં “ગ” પછી તરતજ “ન” આવે છે પરંતુ “ગ” પહેલા તરતજ “ર” આવતો નથી. આવું કેટલીવાર થયું છે ?

(1) ત્રણ વખત (2) ચાર વખત (3) પાંચ વખત (4) સાત વખત

કચ્ચ્યા કામાસાઠી જાગા

Section II

Intelligence Test

26. The teacher instructed the students in the specific manner. He said to clap at 1, run at 3, stop at 5, sit at 7. Observe the following series instructions. How many times does it happen that a child clapped before sitting?

1 3 5 7 1 5 7 3 1 7 5 1 3 7 1 7 7 3 7 1 5 1 3 1 7 1 5 1 7 3 1 7

- (1) 6 (2) 5 (3) 4 (4) 3

27. Form a meaningful word using o, n, l, e, d, k, e, w, g.

Find the first adjacent letter to the middle letter.

(Choose two correct options)

- (1) q (2) w (3) e (4) g

28. Alphabet series.

A B C D E F G H I J K L M N O P Q R S T U V W X Y

from the given alphabetical series, if PEN = 35; BALLPEN = 62 then PAPER = ?

- (1) 56 (2) 54 (3) 52 (4) 51

29. From the given alphabetical series, if DO = 33; COME = 68 then RUN = ?

- (1) 22 (2) 23 (3) 24 (4) 25

30. R G N D M H G N D G H N G N N G R G N M H G N D G N M

In the given letter series, how many times has it happened that 'N' follows 'G' but 'R' does not come before 'G' ?

- (1) 3 times (2) 4 times (3) 5 times (4) 7 times

Space for Rough Work

31 થી 35 સૂચના : જૂથમાં બંધબેસતું ના હોય તે પદ પર્યાયમાં શોધો :

31. (1) ચૈત્ર – ગુઢી પડવો (2) આસો – દસેરા

(3) ભાદરવો – નાગ પંચમી (4) ફાગણ – હોળી

32. (1) AU (2) IM

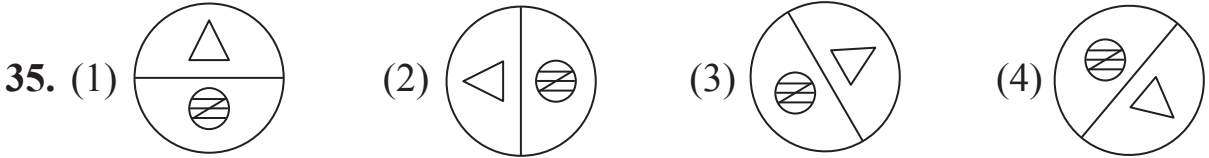
(3) GO (4) EP

33. (1) 1210 (2) 3795

(3) 8129 (4) 5831

34. (1) 0.025 (2) 0.0049

(3) 0.0025 (4) 0.000049



36. સૂચના : પહેલા પદનો બીજા પદ સાથે જેવો સંબંધ છે તેવો જ સમબંધ ત્રીજા પદનો ચોથા પદ સાથે છે. તે ધ્યાનમાં રાખી પ્રશ્નચિહ્નના સ્થાને યોગ્ય પર્યાય શોધો

(બે અચૂક પર્યાય શોધો)

બાલમુકુન્દ દવે : પરિક્રમા :: નિરંજન ભગત : ?

(1) કુંતલ (2) અલ્પવિરામ (3) પ્રભુની પ્યારી ગ્રીવામાં (4) છંદોલય

37. રામ, શ્યામ અને જોનની ૫ વર્ષ પહેલાની ઉંમરની સરાસરી ૧૬ વર્ષ હતી. તો ૫ વર્ષ પછી તેમની ઉંમરની સરાસરી કેટલી હશે ?

(1) 21 વર્ષ (2) 22 વર્ષ

(3) 26 વર્ષ (4) 30 વર્ષ

કચ્ચ્યા કામાસાઠી જાગા

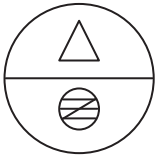
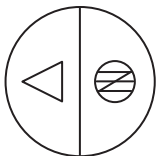
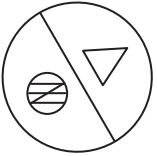

Instructions for Q. Nos. 31 to 35 : Select the term from the given alternatives which does not fit in the group.

31. (1) Chaitra – Gudhi Padwa (2) Ashwin – Dussehra
 (3) Bhadrapad – Nag Panchami (4) Falgun – Holi Pornima

32. (1) AU (2) IM
 (3) GO (4) EP

33. (1) 1210 (2) 3795
 (3) 8129 (4) 5831

34. (1) 0.025 (2) 0.0049
 (3) 0.0025 (4) 0.000049

35. (1)  (2)  (3)  (4) 

36. **There is a specific relation between the first term and the second term. The same relation exists between third and fourth term. Select the correct alternative. (Choose two correct options)**

Q' Henry : The last leaf : : Shakespeare : ?

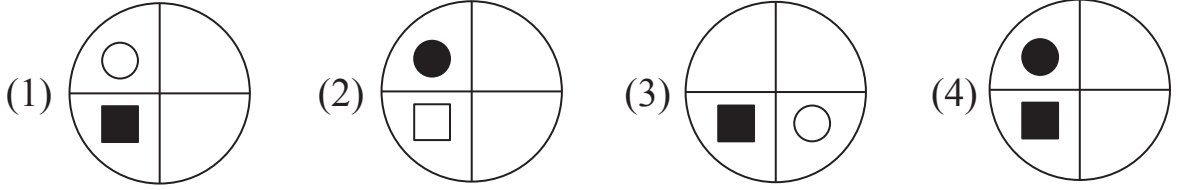
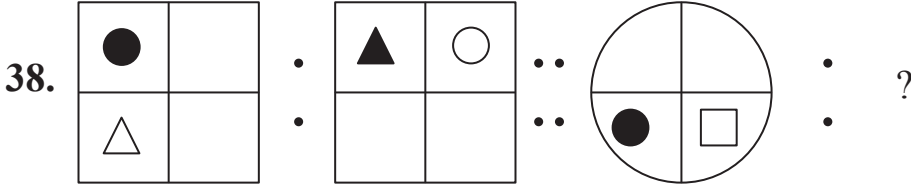
- (1) Gulliver's Travels (2) Macbeth
 (3) Robinson Crusoe (4) As you like it

37. **The average of the ages of Ram, Shyam and John five years before was 16 years. What will be the average of their ages after 5 years?**

- (1) 21 yrs (2) 22 yrs
 (3) 26 yrs (4) 30 yrs

Space for Rough Work

38 થી 41 સૂચના : પહેલા પદનો બીજા પદ સાથે જેવો સંબંધ છે તેવો જ સમબંધ ત્રીજા પદનો ચોથા પદ સાથે છે. તે ધ્યાનમાં રાખી પ્રશ્નચિહ્નના સ્થાને યોગ્ય પર્યાય શોધો



39. 14 : 2 :: 39 : ?

- (1) 4 (2) 3 (3) 5 (4) 6

40. 17 : 72 :: 16 : ?

- (1) 58 (2) 56 (3) 61 (4) 68

41. AD : D 5 A :: EG : ?

- (1) E 12 G (2) G 12 E (3) G 11 E (4) G 10 E

42 થી 45 સૂચના : ક્રમાનુસાર પ્રશ્નચિહ્નના સ્થાને કયો પર્યાય આવશે ?

42. 0, 1, 5, 14, 30, 55, 91, ?

- (1) 130 (2) 140 (3) 150 (4) 155

43. 143, 120, 99, 80, 63, ?

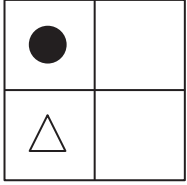
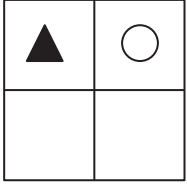
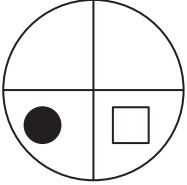
- (1) 47 (2) 48 (3) 50 (4) 51

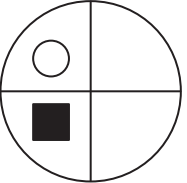
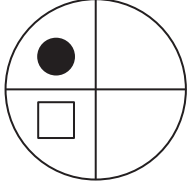
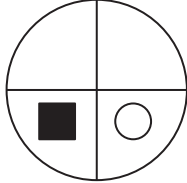
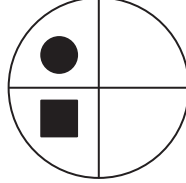
44. *ક*+×ક*+×**+×??

- (1) ક* (2) *ક (3) ક+ (4) ક*

કચ્ચ્યા કામાસાઠી જાગા

Instructions for Q. Nos. 38 to 41 : There is a specific relation between the first term and the second term. The same relation exists between third and the fourth term. Select the correct alternative.

38.  •  ∴  ∴ ?

(1)  (2)  (3)  (4) 

39. 14 : 2 :: 39 : ?

- (1) 4 (2) 3 (3) 5 (4) 6

40. 17 : 72 :: 16 : ?

- (1) 58 (2) 56 (3) 61 (4) 68

41. AD : D 5 A :: E G : ?

- (1) E 12 G (2) G 12 E (3) G 11 E (4) G 10 E

Instructions for Q. Nos. 42 to 45 : Which alternative will replace the question mark '?' in the following series.

42. 0, 1, 5, 14, 30, 55, 91, ?

- (1) 130 (2) 140 (3) 150 (4) 155

43. 143, 120, 99, 80, 63, ?

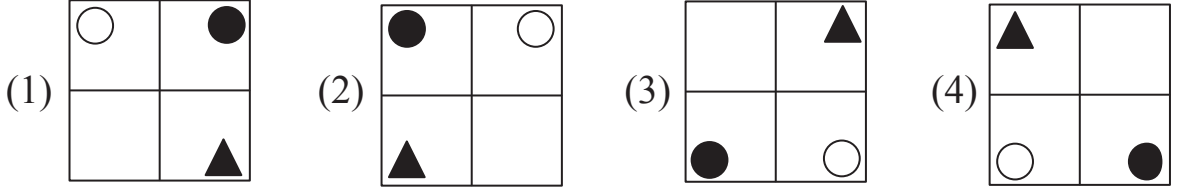
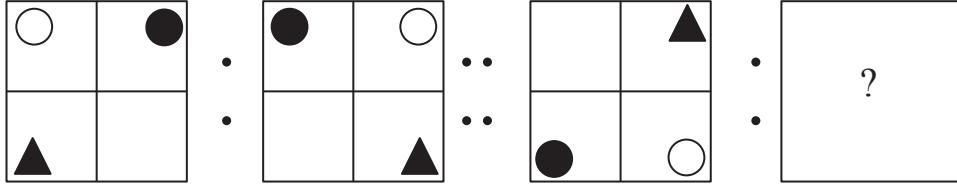
- (1) 47 (2) 48 (3) 50 (4) 51

44. * 5 * + × 5 * + × * * + × ??

- (1) 5 * (2) * 5 (3) 5 + (4) 5 *

Space for Rough Work

45. Question Figures



46 થી 47 સૂચના : નીચેની શ્રેણીમાનું અયોગ્ય પદ ઓળખો :

46. 7, 12, 17, 21, 27, 32, 37, 41, 47, 52. (બે અચૂક પર્યાય શોધો)

- (1) 21 (2) 17 (3) 41 (4) 32

47. ACBD, EGFH, IKJL, MONP, PQRS

- (1) PQRS (2) ACBD (3) EGFH (4) MONP

48. જો એક સાંકેતિક ભાષામાં

49 $\star\star\star = 40$

60 $\square\square = 15$

20 $\star = 17$

18 $\square = 9$, તો 100 $\square\star\star =$ કેટલા? (બે અચૂક પર્યાય આપા)

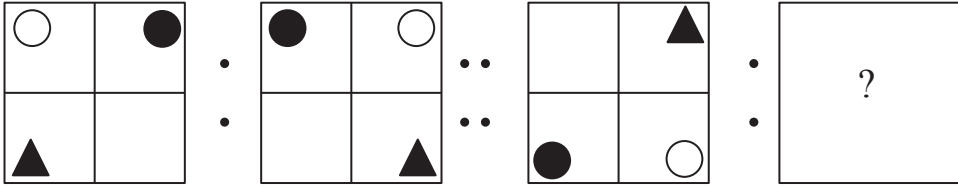
- (1) 88 \square (2) 88 \star (3) 47 \star (4) 47 \square

49. એક સાંકેતિક ભાષામાં LOAD આ શબ્દ 121514 અને GOAT આ શબ્દ 715120 આમ લખાય છે તો તેવી જ સાંકેતિક ભાષામાં MAKE આ શબ્દ કેવી રીતે લખાશે ?

- (1) 135111 (2) 513111
(3) 131511 (4) 131115

કચ્ચ્યા કામાસાઠી જાગા

45. Question Figures



- (1) (2) (3) (4)

Instructions for Q. Nos. 46 to 47 : Find the odd term.

46. 7, 12, 17, 21, 27, 32, 37, 41, 47, 52. (Select two correct options)

- (1) 21 (2) 17 (3) 41 (4) 32

47. ACBC, EGFH, IKJL, MONP, PQRS

- (1) PQRS (2) ACBD
(3) EGFH (4) MONP

48. If in certain code language,

49 *** = 40

60 □□ = 15

20 * = 17

18 □ = 9, then 100 □ ** = ? (Choose two correct options)

- (1) 88 □ (2) 88 * (3) 47 * (4) 47 □

49. In a certain code language LOAD is written as 121514 and GOAT is written as 715120. How will you write 'MAKE' in the same code language?

- (1) 135111 (2) 513111
(3) 131511 (4) 131115

Space for Rough Work

50. એક સાંકેતિક ભાષામાં

$$\text{SUN} = \triangle * \square$$

$$\text{GUN} = \circ \triangle * \text{ અને } \text{PEN} = \times * \triangle$$

તો તેવી જ ભાષામાં 'PUNE' કેવી રીતે લખાશે ?

$$(1) \triangle \square * \times$$

$$(2) * \circ * \times$$

$$(3) * \triangle * \times$$

$$(4) \square \triangle \times *$$

51 થી 53 સૂચના : નીચેના અક્ષરો, ચિહ્નો, અંકોની લયબદ્ધ ગોઠવણી ખાલી જગ્યાના સ્થાને અનુક્રમે આવનારા અક્ષરો, ચિહ્નો , અંક પર્યાયમાથી શોધો.

51. – bcd – cba – bcdd – baaabcd

$$(1) aaac$$

$$(2) abad$$

$$(3) abcd$$

$$(4) adac$$

52. $\circ - \square - \triangle \boxplus - \triangle - \oplus \triangle - \circ \triangle \square$

$$(1) \triangle \oplus \circ \square \square$$

$$(2) \triangle \oplus \circ \boxplus \square$$

$$(3) \triangle \oplus \circ \boxplus \triangle$$

$$(4) \triangle \oplus \circ \square \boxplus$$

53. 17- 7 - 175 - 0175 - 017 - 7

$$(1) 50775$$

$$(2) 50175$$

$$(3) 55771$$

$$(4) 70570$$

કચ્ચ્યા કામાસાઠી જાગા

50. In a code language,

SUN = $\Delta \star \square$

GUN = $\circ \Delta \star$ and **PEN** = $\times \star \Delta$,

then how will you write 'PUNE'?

(1) $\Delta \square \star \times$

(2) $\star \circ \star \times$

(3) $\star \Delta \star \times$

(4) $\square \Delta \times \star$

Instructions for Q. Nos. 51 to 53 : Given below is the rhythmic arrangement of letters / symbols / numbers. Select the correct alternative to fill in the blanks.

51. – bcd – cba – bcdd – baaabcd

(1) aaac

(2) abad

(3) abcd

(4) adac

52. $\circ \text{---} \square \text{---} \triangle \boxplus \text{---} \triangle \text{---} \oplus \triangle \text{---} \circ \triangle \square$

(1) $\triangle \oplus \circ \square \square$

(2) $\triangle \oplus \circ \boxplus \square$

(3) $\triangle \oplus \circ \boxplus \triangle$

(4) $\triangle \oplus \circ \square \boxplus$

53. 17_7_175_0175_017_7

(1) 50775

(2) 50175

(3) 55771

(4) 70570

Space for Rough Work

54 थी 56 सूचना : नीचेना भिनारनुं निरीक्षण करीने प्रश्नमाना पदोमां रहेला स्थानोनो कुम ध्यानमां राभी प्रश्नचिह्ना स्थाने आवनारं पद ओणओ अने पर्याय शोधो.

				1					
				2		3			
			4		5		6		
		7		8		9		10	
	11		12		13		14		15
	1		2		3		4		5
7		8		9		10		11	
	14		15		1		2		3
		5		6		7		8	
			10		11		12		13
				14		15		1	
					2		3		
						4			

54. 2, 1, 3 : 2, 4, 3 :: 1, 7, 14 : ?

(1) 6, 3, 9

(2) 6, 7, 8

(3) 6, 13, 4

(4) 6, 9, 13

55. 5, 8, 13, 9, : 7, 11, 15, 12, :: 2, 8, 15, 9 : ?

(1) 5, 11, 3, 12

(2) 6, 13, 4, 9

(3) 5, 15, 6, 1

(4) 3, 6, 10, 14

56. 2, 8, 14, 5, : 12, 15, 2, 14 :: 3, 5, 8, 13 : ?

(1) 13, 8, 11, 5

(2) 13, 14, 10, 6

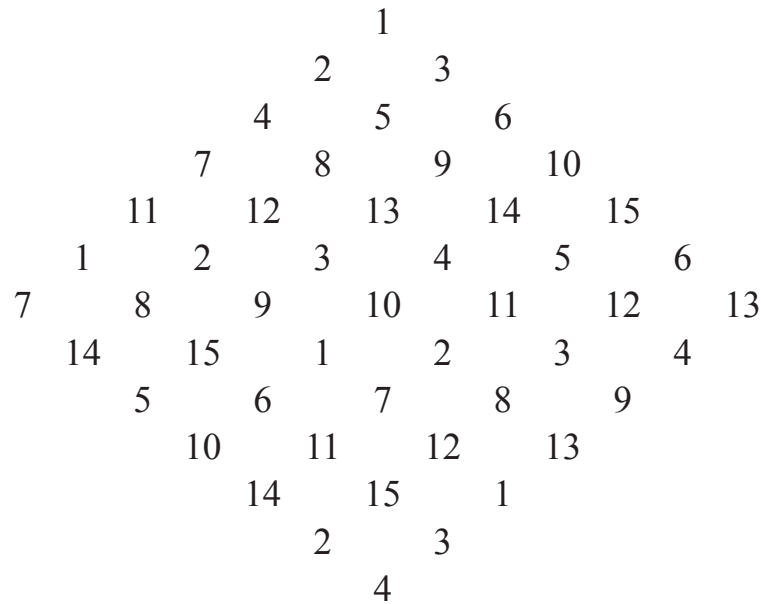
(3) 6, 12, 3, 11

(4) 10, 1, 12, 8

कच्या कामासाठी जागा

Alphabets : A B C D E F G H I J K L M N O P Q R S T U V W X Y

Instructions for Q. Nos. 54 to 56 : Observe the pyramid and select the correct alternative to replace the question mark '?'.



54. 2, 1, 3 : 2, 4, 3 :: 1, 7, 14 : ?

(1) 6, 3, 9

(2) 6, 7, 8

(3) 6, 13, 4

(4) 6, 9, 13

55. 5, 8, 13, 9, : 7, 11, 15, 12, :: 2, 8, 15, 9 : ?

(1) 5, 11, 3, 12

(2) 6, 13, 4, 9

(3) 5, 15, 6, 1

(4) 3, 6, 10, 14

56. 2, 8, 14, 5 : 12, 15, 2, 14 :: 3, 5, 8, 13 : ?

(1) 13, 8, 11, 5

(2) 13, 14, 10, 6

(3) 6, 12, 3, 11

(4) 10, 1, 12, 8

Space for Rough Work

57. નીચેના પ્રશ્નમાં આપેલી આકૃતિની અરિસામાની પ્રતિભા દર્શાવતો અચૂક પર્યાય શોધો.



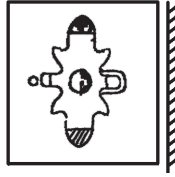
- (1) (2) (3) (4)

58. નીચેના પ્રશ્નમાં આપેલી આકૃતિનું પાણીમાની પ્રતિબિંબ દર્શાવતો અચૂક પર્યાય શોધો.



- (1) (2) (3) (4)

59. નીચેના પ્રશ્નમાં આપેલી આકૃતિની અરિસામાંની પ્રતિભા દર્શાવતો અચૂક પર્યાય શોધો.



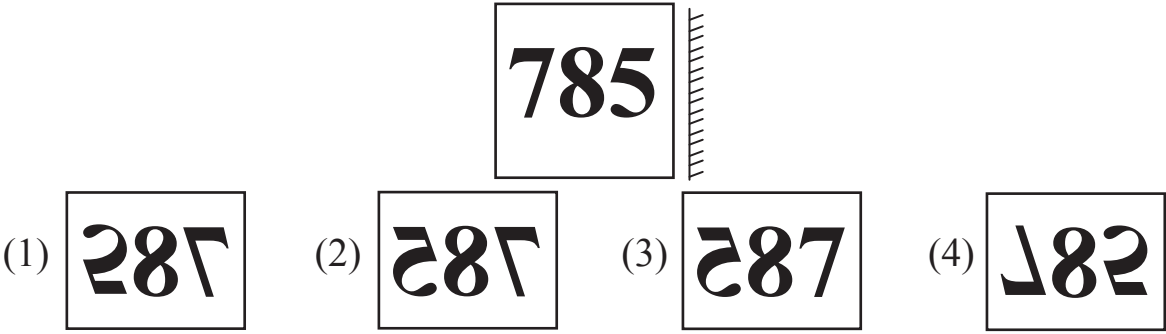
- (1) (2) (3) (4)

60. નદીનો પ્રવાહ કલાકે 4 કિમી અને હોડીનો વેગ કલાકે 12 કિમી છે. પ્રવાહની દિશામાં હોડીને આ અંતર પાર કરવા માટે 2 કલાકનો સમય લાગે છે તો તેટલું જ અંતર પ્રવાહની વિરુદ્ધ દિશામાં પાર કરવા માટે કેટલો સમય લાગશે ?

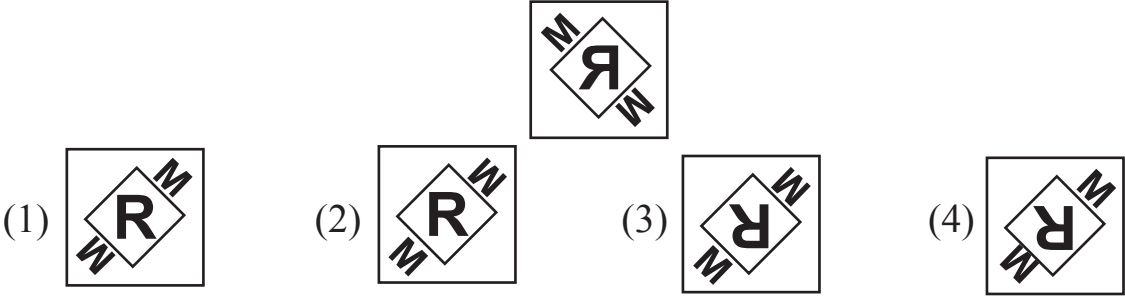
- (1) 3 કલાક (2) 4 કલાક (3) 5 કલાક (4) 8 કલાક

કચ્ચા કામાસાઠી જાગા

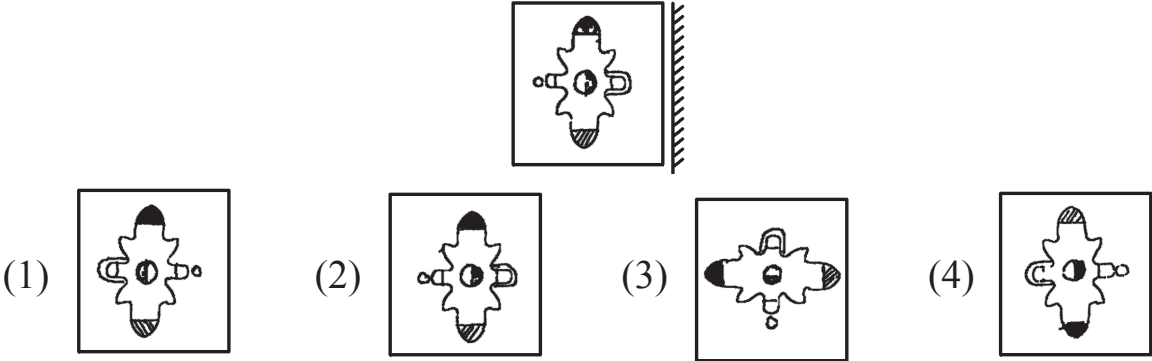
57. Select the correct alternative that is the mirror image of the question figure.



58. Select the correct alternative that is the water image of the question figure.



59. Select the correct alternative that is a mirror image of the question figure.

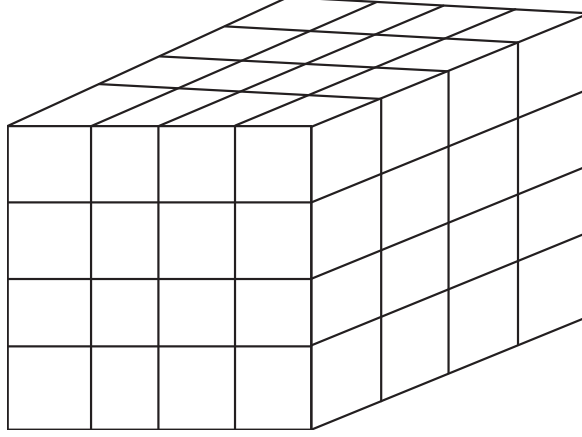


60. A river flows with a speed of 4 km/hr and a boat sails at the speed of 12 km/hr in still water. If the boat takes 2 hour to cover some distance, moving downstream then how much time it will require to cover the same distance moving upstream?

- (1) 3 hrs (2) 4 hrs (3) 6 hrs (4) 8 hrs

Space for Rough Work

61 અને 62 સૂચના : $(4 \times 4 \times 4)$ ઘનસેમી માપનો એક લાકડાનો ઘન બધી બાજુથી લીલા રંગથી રંગેલો છે. જો તે ઘનને પ્રત્યેક 1 સેમી અંતર પર કાપી તો $1 \times 1 \times 1$ ઘનસેમી માપના નાના નાના ઘન તૈયાર થશે તો નીચેના પ્રશ્નોનાં ઉત્તરો પર્યાયમાથી શોધો.



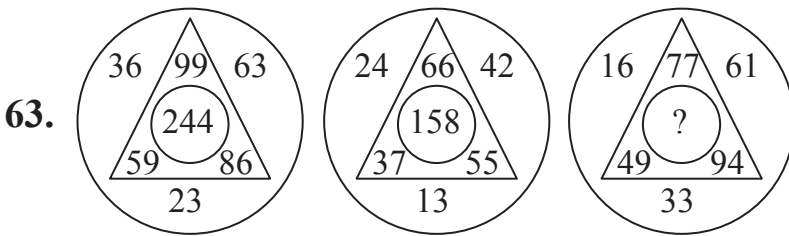
61. બે પૃષ્ઠભાગને લીલો રંગ હોય તેવા ઘનની કુલ સંખ્યા કેટલી ?

- (1) 8 (2) 12 (3) 24 (4) 48

62. એકપણ પૃષ્ઠભાગ રંગેલો ન હોય એવા ઘનની સંખ્યા કેટલી ?

- (1) 8 (2) 12 (3) 24 (4) 18

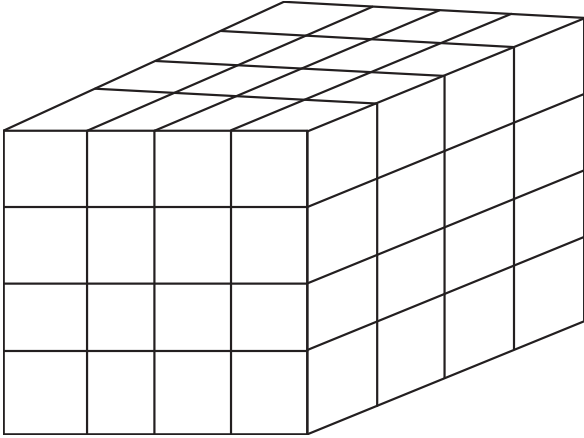
63 અને 64 સૂચના : નીચેની સંખ્યાની માંડણીમાનું સૂત્ર ઓળખો. પ્રશ્નચિહ્નના સ્થાને આવતો યોગી પર્યાય શોધો.



- (1) 110 (2) 210 (3) 220 (4) 230

કચ્ચ્યા કામાસાઠી જાગા

Instructions for Q. Nos. 61 to 62 : A solid cube ($4 \times 4 \times 4$) cm is painted green from all the sides. The cube is then cut at 1 cm to form smaller cubes of side 1 cm each. Now answer the following questions.



- 61. How many cubes have only two faces green ?**
 (1) 8 (2) 12 (3) 24 (4) 48
- 62. How many cubes which have no coloured faces?**
 (1) 8 (2) 12 (3) 24 (4) 18

Instructions for Q. Nos. 63 to 64 : Identify the rule by which the numbers are written in the following questions and select the correct alternative that will replace the question mark.

63.

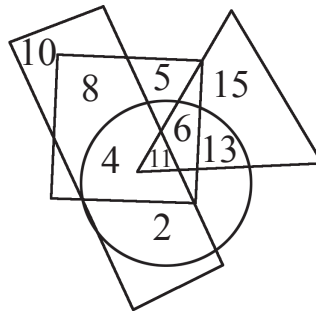
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- (1) 110 (2) 210 (3) 220 (4) 230

Space for Rough Work

36	12	252
392	810	80
150	?	2

64. (1) 512 (2) 564 (3) 576 (4) 586
65. એક હારમાં મનોજ છેલ્લેથી બીજો છે. તેની આગળ ત્રણ વિદ્યાર્થી પછી રમેશ ઊભો છે. આગળ સાતમા સ્થાન પર સુરેશ ઊભો છે. હારમાં સુરેશનું સ્થાન નવમું છે. તો તે હારમાં જૂલ કેટલા વિદ્યાર્થીઓ છે ?
 (1) 18 (2) 19 (3) 20 (4) 21
66. રાજેશ પશ્ચિમ દિશામાં 7 કિમી સુધી સીધો ગયો પછી તે ડાબી તરફ વળ્યો અને 3 કિમી સીધો ગયો પછી ઉત્તર દિશામાં 9 કિમી સીધો ગયો અને જમણી બાજુએ વળી 4 કિમી સીધા જઈને થોભ્યો. તો આરંભના સ્થાનથી તે કેટલા અંતર પર છે ?
 (1) 13 કિમી (2) 7 કિમી (3) 9 કિમી (4) 5 કિમી
67. 13 જાન્યુઆરી 2008 ના રોજ રવિવાર હતો તો તે વર્ષમાં કયો વાર 53 વખત આવ્યો (બે અચૂક પર્યાય શોધો).
 (1) રવિવાર (2) બુધવાર (3) સોમવાર (4) મંગળવાર
68. નીચેની વેન આકૃતિમાં હિન્દી બોલનારી વ્યક્તિ ત્રિકોણમાં, મરાઠી બોલનારી વ્યક્તિ વર્તુળમાં, અંગ્રેજી બોલનારી વ્યક્તિ લંબચોરસમાં દર્શાવી છે. તેમજ તેલુગુ બોલનારી વ્યક્તિ ચોરસમાં દર્શાવી છે. તો મરાઠી, હિન્દી, અંગ્રેજી અને તેલુગુ આ ચારેય ભાષા બોલનારા વ્યક્તિઓની સંખ્યા કેટલી ?



- (1) 4 (2) 6 (3) 11 (4) 13

કચ્ચ્યા કામાસાઠી જાગા

64.

36	12	252
392	810	80
150	?	2

- (1) 512 (2) 564 (3) 576 (4) 586

65. **Manoj is standing second last in a row. Ramesh is 3 places ahead of him. Suresh is standing on 7th place before Ramesh. Suresh is an 9th place in the row. How many students are there in the row?**

- (1) 18 (2) 19 (3) 20 (4) 21

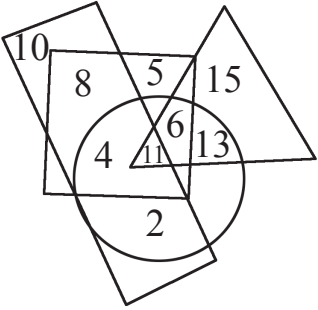
66. **Rajesh went 7 km to west and went 4 km after turning to left. Again he turned to left and went 3 km then he went 9 km to North and turned to right After turning he went 4 km and then stopped. Find the distance from the origin.**

- (1) 13 km (2) 7 km (3) 9 km (4) 5 km

67. **13 January 2008 was Sunday. Then, in that year, which day occurred 53 times? (Choose two correct options)**

- (1) Sunday (2) Wednesday (3) Monday (4) Tuesday

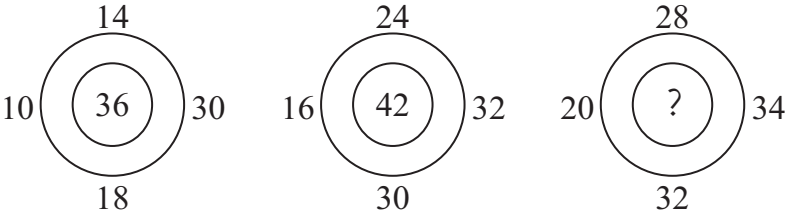
68. **In the Venn diagram, Hindi speaking persons are shown in triangle, Marathi speaking persons are shown in circle, English speaking are shown in rectangle and Telugu speaking are shown in square. Find the number of persons who speak all 4 languages ?**



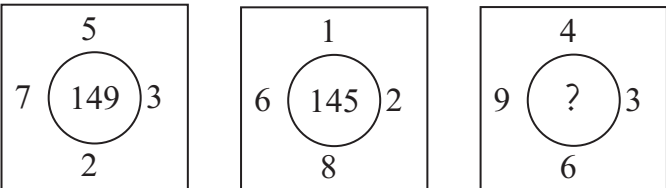
- (1) 4 (2) 6 (3) 11 (4) 13

Space for Rough Work

69 थी 70 सूचना : नीचेनी संख्यानुं निरीक्षण करीने प्रश्नचिह्ना स्थाने कई संख्या आवशे ? ते पर्यायोमाथी शोधो.

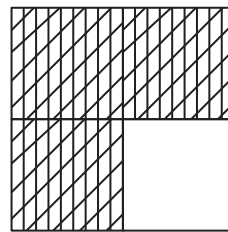
69. 

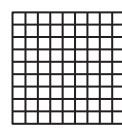
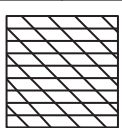
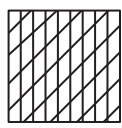
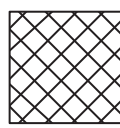
(1) 48 (2) 50 (3) 52 (4) 54

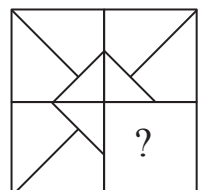
70. 

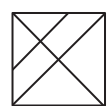
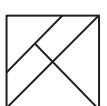
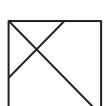

(1) 144 (2) 244 (3) 204 (4) 354

71 अने 72 सूचना : नीचेनी प्रश्नआकृति पूर्ण करवा माटे योग्य पर्याय शोधो.

71. 

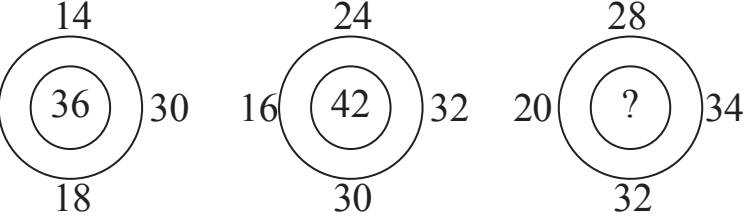
(1)  (2)  (3)  (4) 

72. 

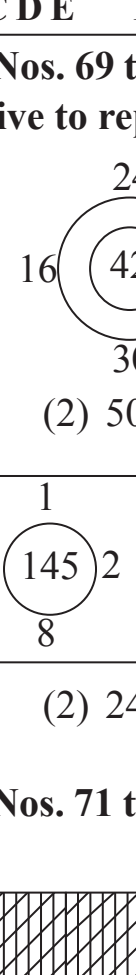
(1)  (2)  (3)  (4) 

कच्च्या कामासाठी जागा

Instructions for Q. Nos. 69 to 70 : Observe the numbers given below and select the correct alternative to replace '?'

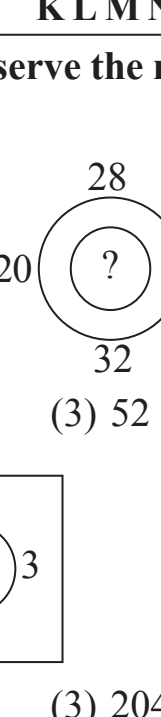
69. 


- (1) 48 (2) 50 (3) 52 (4) 54


70. 

- (1) 144 (2) 244 (3) 204 (4) 354

Instructions for Q. Nos. 71 to 72 : Select the correct alternative to complete the question figure.

71. 

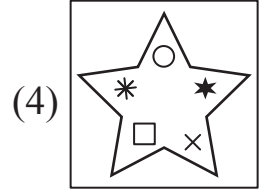
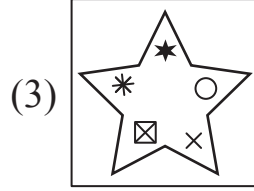
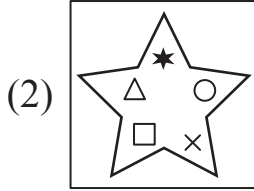
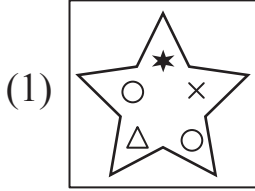
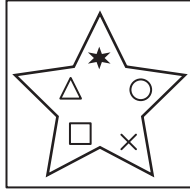
- (1)  (2)  (3)  (4) 

72. 

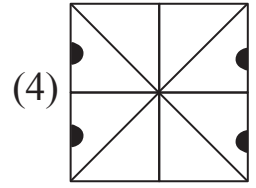
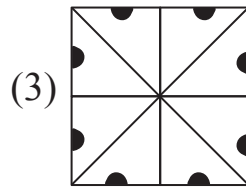
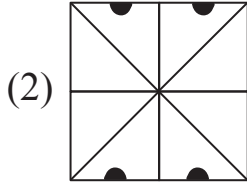
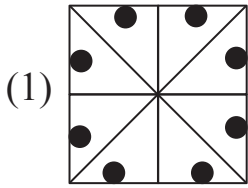
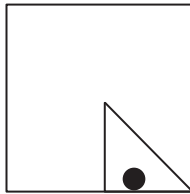
- (1)  (2)  (3)  (4) 

Space for Rough Work

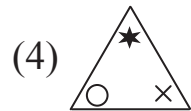
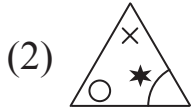
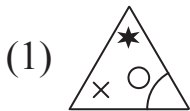
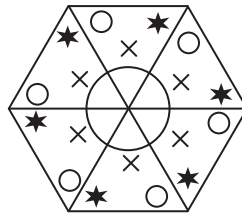
73. નીચેની પ્રશ્નઆકૃતિને આબેહૂબ બંધબેસતી આકૃતિ શોધો.



74. નીચેની પ્રશ્ન આકૃતિનો ઘડી વાળેલો ભાગ પૂર્ણપણે ઉઘાડતા તે કેવો દેખાશે તે પર્યાયમાથી શોધો.

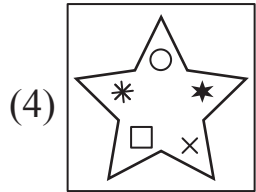
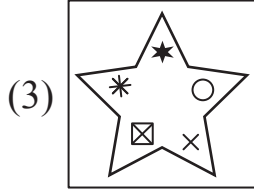
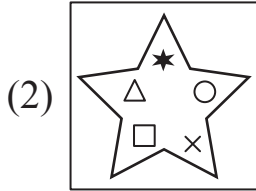
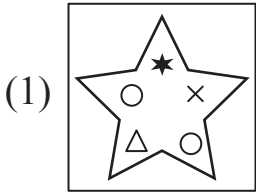
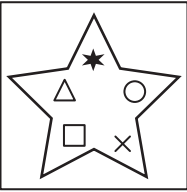


75. નીચેની પ્રશ્નઆકૃતિમાં કયાં પર્યાયમાની આકૃતિ છુપાયેલી છે તે શોધો.

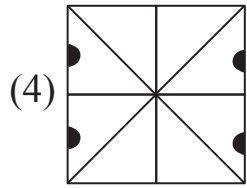
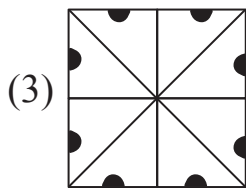
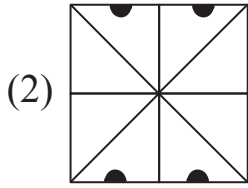
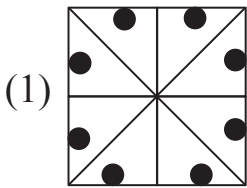
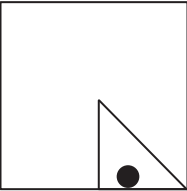


કચ્ચ્યા કામાસાઠી જાગા

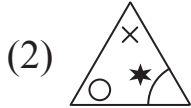
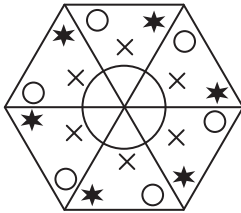
73. Select the replica of the question figure.



74. The folded figure of a paper is shown in the question figure. If it is unfolded what will it look like? Select the correct alternative.



75. A complicated figure is given in the question figure. From the given alternatives identify the figure hidden in the question figure.



Space for Rough Work

Space for Rough Work