

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

Seat No.

0 3 2 2

Set

A

Paper No. II

Medium : Hindi

Time : 1:30 to 3:00

Pages : 32

Third Language and Intelligence Test

Total Marks :150

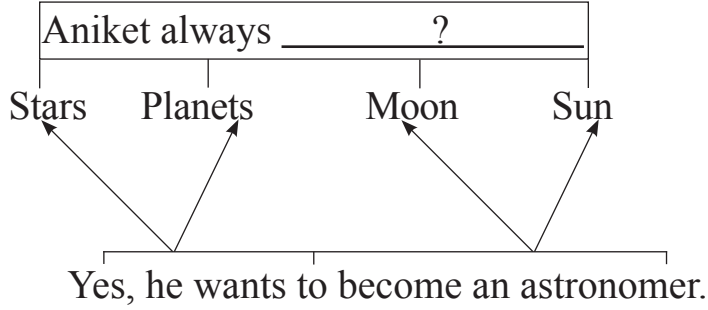
Read the following instructions carefully before you answer the questions.

- (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".

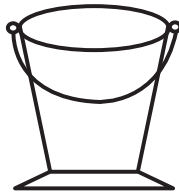
- (1) prohibit (2) inform
(3) allow (4) not allow

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.

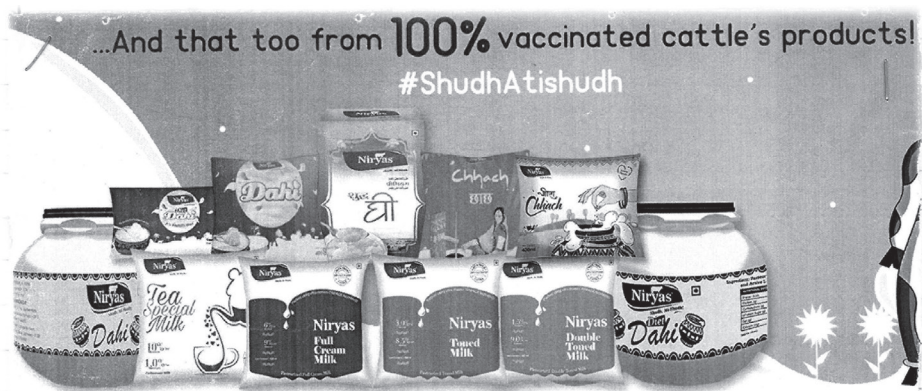
14. What is meaning of 'brittle'?

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

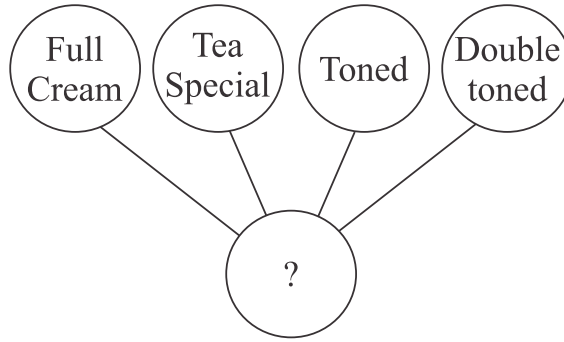
15. Glass is a mixture of _____ components.

- (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.



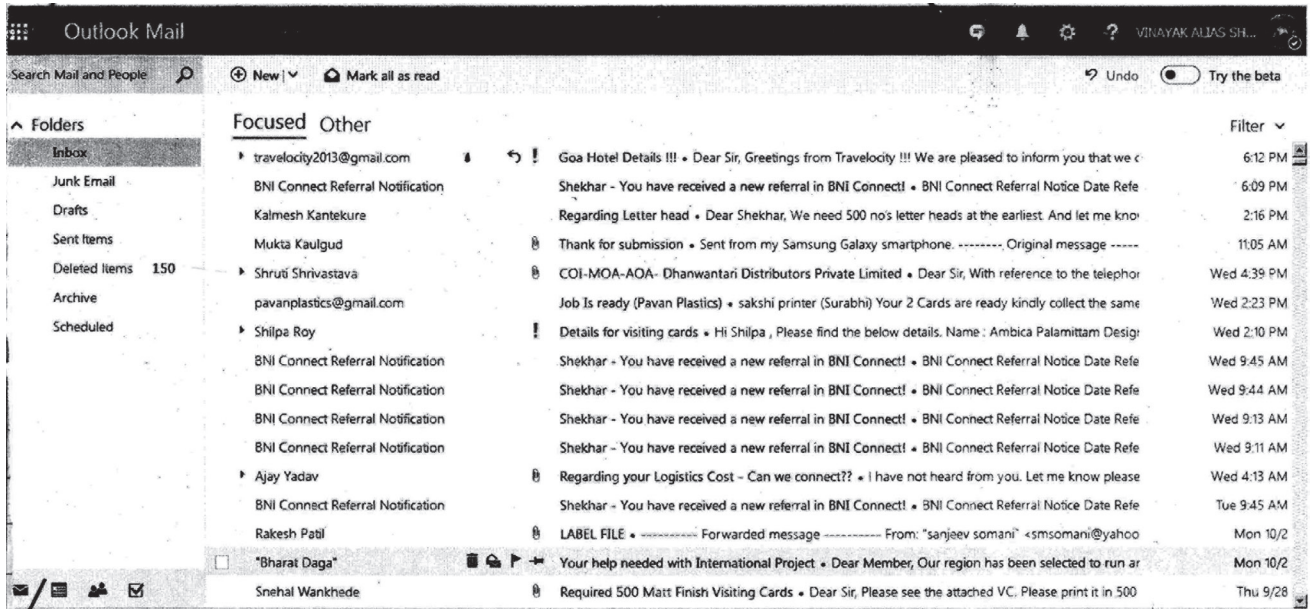
(1) Types of milk

(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?

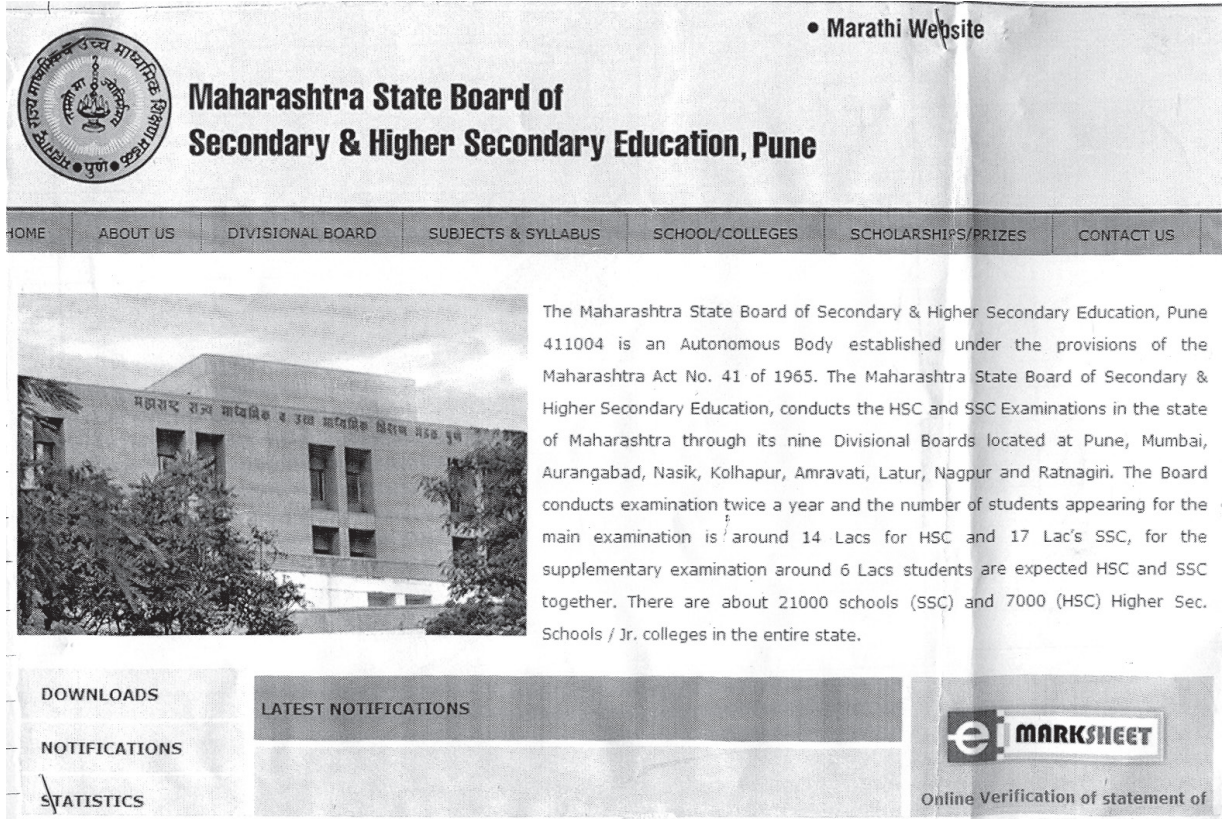
(1) Monday

(2) Thursday

(3) Tuesday

(4) Wednesday

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



• Marathi Website

**Maharashtra State Board of
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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'.

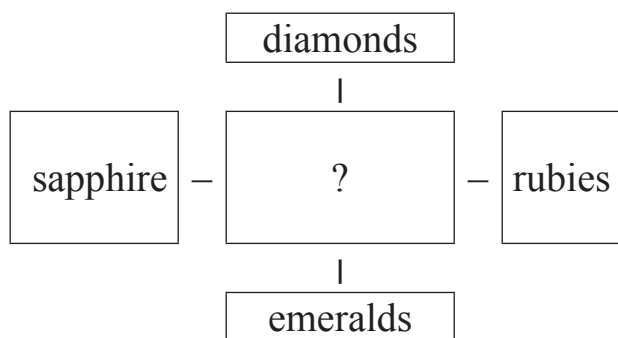
Your Dad.

- (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

विभाग II

बुद्धिमत्ता चाचणी

26. एक के लिए 'ताली', तीन के लिए 'भागो', पाँच के लिए 'रुको', सात के लिए 'बैठो' इस प्रकार अध्यापक ने बच्चों को निर्देश दी। निम्न निर्देशों का निरीक्षण करके बताओ कि अध्यापक ने बैठने से पूर्व कितनी बार ताली बजायी?

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. ना, च, द, वा, ज्ञा, र, न

इन सब अक्षरों से एक अर्थपूर्ण शब्द तैयार करने पर इस शब्द के बीचों-बीच आने वाले अक्षर के संलग्न अक्षर कौन-से हैं। (दो सही विकल्प चुनिए)

- (1) च (2) र (3) ना (4) वा

28. अक्षरमाला

ABCDE FGHIJ KLMNO PQRST UVWXY

दी गई अक्षरमाला से यदि PEN = 35; BALLPEN = 62 तो PAPER = कितना?

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

29. दी गई अक्षर माला से यदि DO = 33; COME = 68 तो RUN = कितना ?

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

30. र ग न द म ह ग न द ग ह न ग न न ग र ग न म ह ग न द ग न म

इस अक्षर समूह में ग के बाद न आता है, परन्तु ग से पहले र नहीं आता हो ऐसा कितनी बार हुआ है?

- (1) तीन बार (2) चार बार (3) पाँच बार (4) सात बार

कच्चे काम के लिए

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

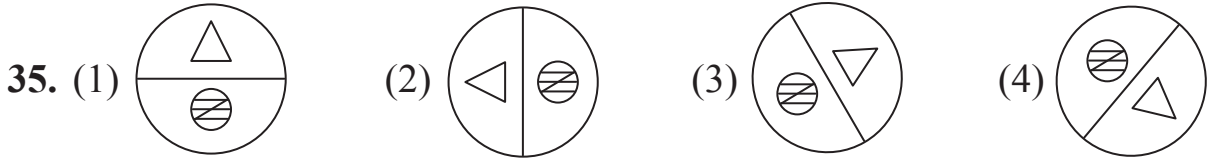
In the given letter series, how many times has it happened that 'N' follows 'G' but 'R' does not come before 'G' ?

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

Space for Rough Work

प्रश्न 31 से 35 के लिए : निम्न विकल्पों में से असंगत पद चुनकर लिखिए।

31. (1) चैत्र-गुढीपाडवा (2) आश्विन-दशहरा
 (3) भाद्रपद-नागपंचमी (4) फाल्गुन-होली पूर्णिमा
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



सूचना- पहले पद का दूसरे पद से जो संबंध है, वैसा ही संबंध तीसरे पद का चौथे पद से है। इस आधार पर प्रश्न चिन्ह के स्थान पर उचित विकल्प चुनिए: (दो सही विकल्प चुनिए)

36. प्रेमचंद : गोदान : : तुलसीदास : ?

- (1) कामायनी (2) विनयपत्रिका
 (3) मेघदूत (4) रामचरितमानस

37. राम, शाम व जॉन की आयु का 5 वर्ष पहले मध्यमान 16 वर्ष था। 5 वर्ष के बाद उनकी आयु का मध्यमान कितना होगा?

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

कच्चे काम के लिए

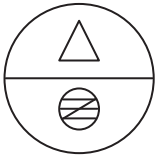
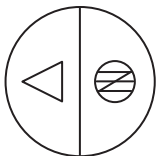
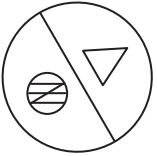

Instructions for Q. Nos. 31 to 35 : Select the term from the given alternatives which does not fit in the group.

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 : ?

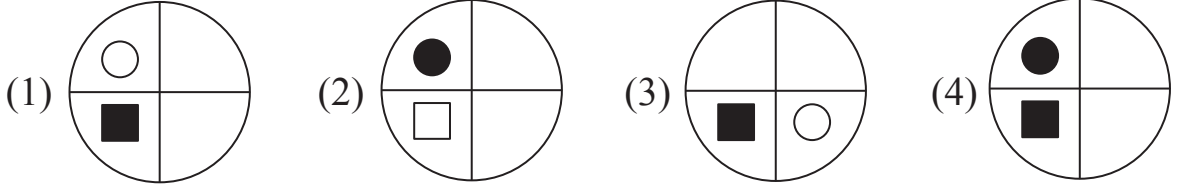
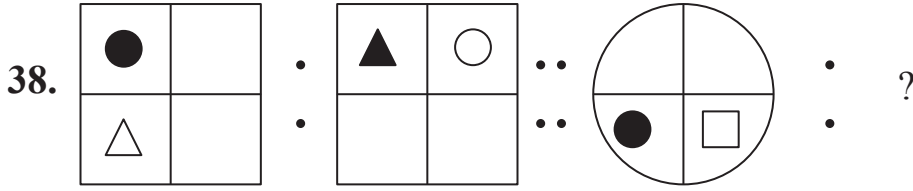
- (1) Gulliver's Travels (2) Macbeth
 (3) Robinson Crusoe (4) As you like it

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

प्रश्न 38 से 41 के लिए: पहले पद का दूसरे पद से जो संबंध है, वही संबंध तीसरे पद का चौथे पद से है। इस आधार पर प्रश्नचिह्न के लिए उचित विकल्प चुनिए।



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

प्रश्न 42 से 45 के लिए : श्रेणी में प्रश्नचिह्न के स्थान पर उचित विकल्प चुनिए।

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

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

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

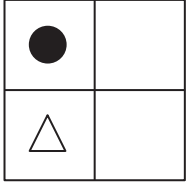
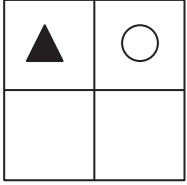
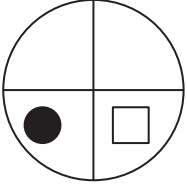
- (1) 47 (2) 48 (3) 50 (4) 51

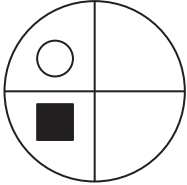
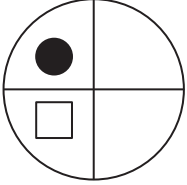
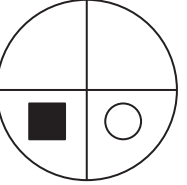
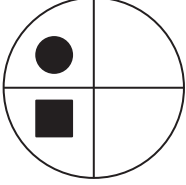
44. *५*+×५*+×**+×??

- (1) ५* (2) *५ (3) ५+ (4) ५*

कच्चे काम के लिए

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, ?

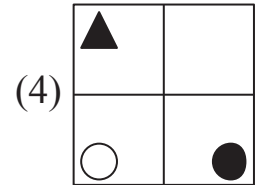
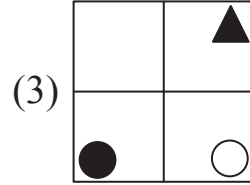
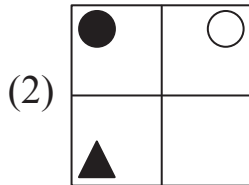
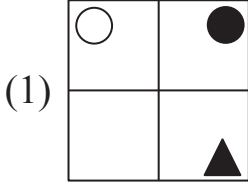
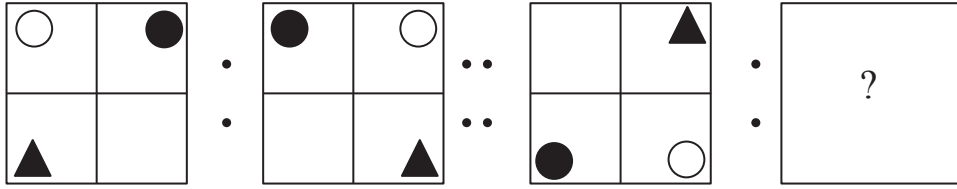
- (1) 47 (2) 48 (3) 50 (4) 51

44. * 5 * + × 5 * + × * * + × ??

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

Space for Rough Work

45. प्रश्नाकृति



प्रश्न 46 से 47 के लिए : श्रेणी में से गलत पद पहचानिए।

46. 7, 12, 17, 21, 27, 32, 37, 41, 47, 52. (दो सही विकल्प चुनिए)

(1) 21

(2) 17

(3) 41

(4) 32

47. ACBD, EGFH, IKJL, MONP, PQRS

(1) PQRS

(2) ACBD

(3) EGFH

(4) MONP

48. यदि किसी सांकेतिक भाषा में

49 $\star \star \star = 40$

60 $\square \square = 15$

20 $\star = 17$

18 $\square = 9$, तो $100 \square \star \star =$ कितना? (दो सही विकल्प चुनिए)

(1) $88 \square$

(2) $88 \star$

(3) $47 \star$

(4) $47 \square$

49. किसी सांकेतिक भाषा में LOAD शब्द के लिए 121514 तथा GOAT शब्द के लिए 715120 लिखा जाए, तो उसी सांकेतिक भाषा में 'MAKE' शब्द कैसे लिखेंगे?

(1) 135111

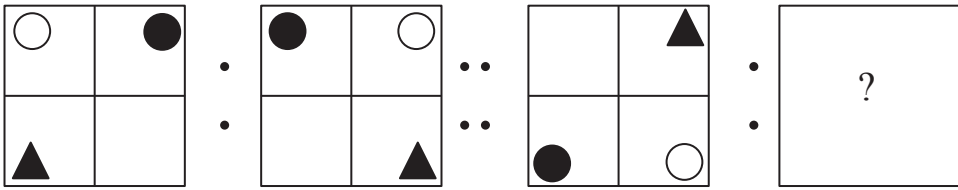
(2) 513111

(3) 131511

(4) 131115

कच्चे काम के लिए

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. किसी सांकेतिक भाषा में

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

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

तो उसी भाषा में 'PUNE' कैसे लिखेंगे?

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

(2) $* \circ * \times$

(3) $* \triangle * \times$

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

प्रश्न 51 से 53 के लिए : निम्नलिखित अक्षर, चिन्ह, अंक की लयबद्ध श्रेणी में रिक्त स्थानों पर आने वाले अक्षर, चिन्ह, अंक दिए गये विकल्पों में से चुनिए।

51. – bcd – cba – bcdd – baaabcd

(1) aaac

(2) abad

(3) abcd

(4) adac

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

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

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

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

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

53. 17–7–175–0175–017–7

(1) 50775

(2) 50175

(3) 55771

(4) 70570

कच्चे काम के लिए

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

(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

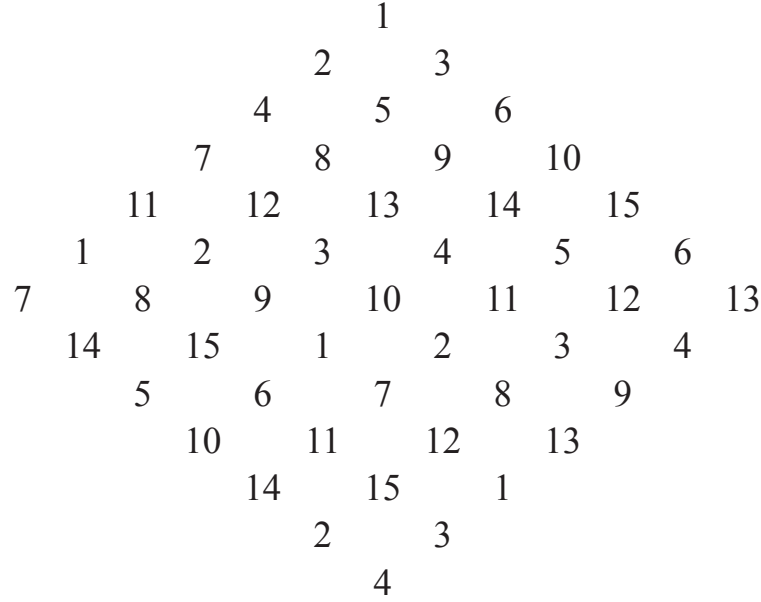
(2) 50175

(3) 55771

(4) 70570

Space for Rough Work

प्रश्न 54 से 56 के लिए : निम्न मीनार का निरीक्षण करिए। प्रश्नों के पदों में स्थित स्थान का क्रम ध्यान में रखते हुए प्रश्न चिह्न के स्थान पर आने वाले पद पहचान कर उचित विकल्प चुनिए।



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

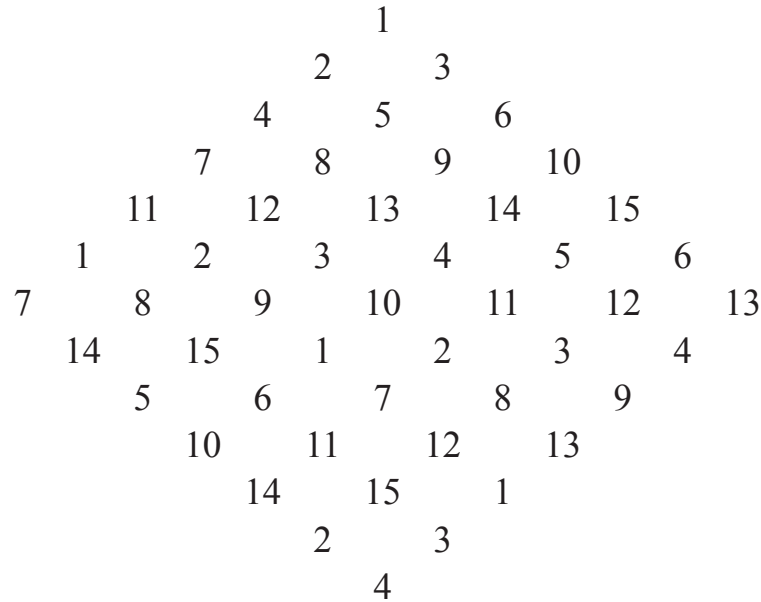
56. 2, 8, 14, 5, : 12, 15, 2, 14 :: 3, 5, 8, 13 : ?

- (1) 13, 8, 11, 5 (2) 13, 14, 10, 6
(3) 6, 12, 3, 11 (4) 10, 1, 12, 8

कच्चे काम के लिए

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. निम्न प्रश्न में दी गई आकृति का दर्पण में प्रतिबिंब वाला सही विकल्प पहचानिए।



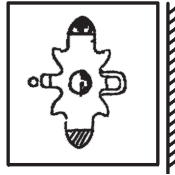
- (1) (2) (3) (4)

58. निम्न प्रश्न में दी गई आकृति का पानी में प्रतिबिंब वाला सही विकल्प पहचानिए।



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

59. निम्न प्रश्न में दी गई आकृति का दर्पण में प्रतिबिंब वाला सही विकल्प पहचानिए।



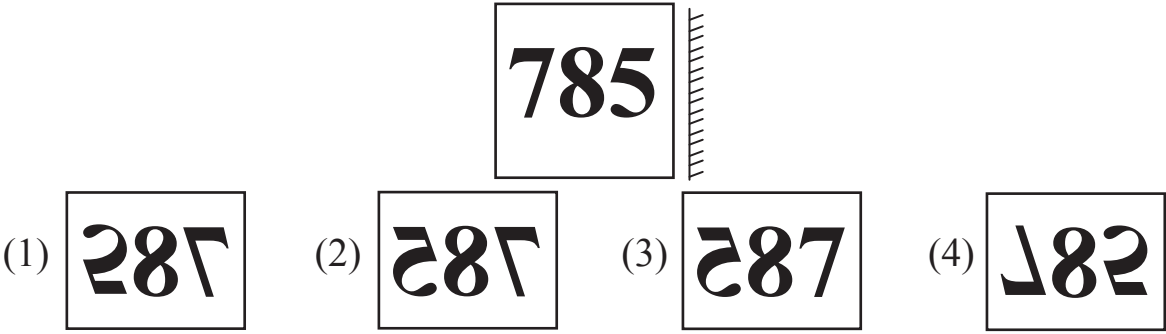
- (1) (2) (3) (4)

60. नदी का प्रवाह 4 किमी प्रति घंटा तथा नाव का वेग स्थिर पानी में 12 किमी प्रति घंटा है। प्रवाह की दिशा में नाव द्वारा कोई दूरी तय करने में 2 घंटा समय लगता है, तो प्रवाह के विपरीत दिशा में वही दूरी तय करने में कितना समय लगेगा?

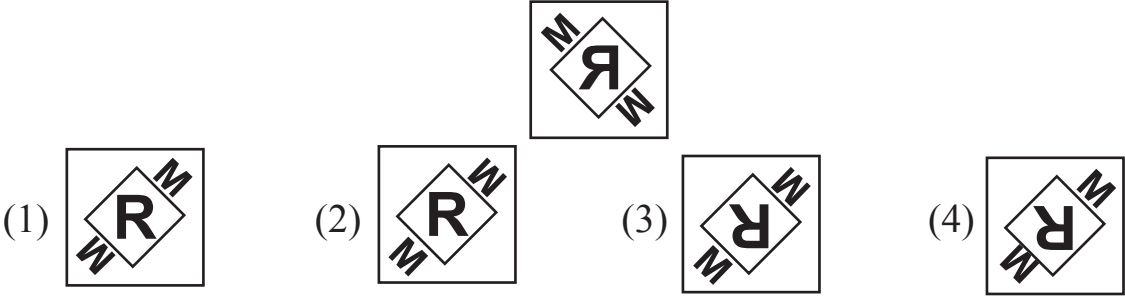
- (1) 3 घंटा (2) 4 घंटा (3) 5 घंटा (4) 8 घंटा

कच्चे काम के लिए

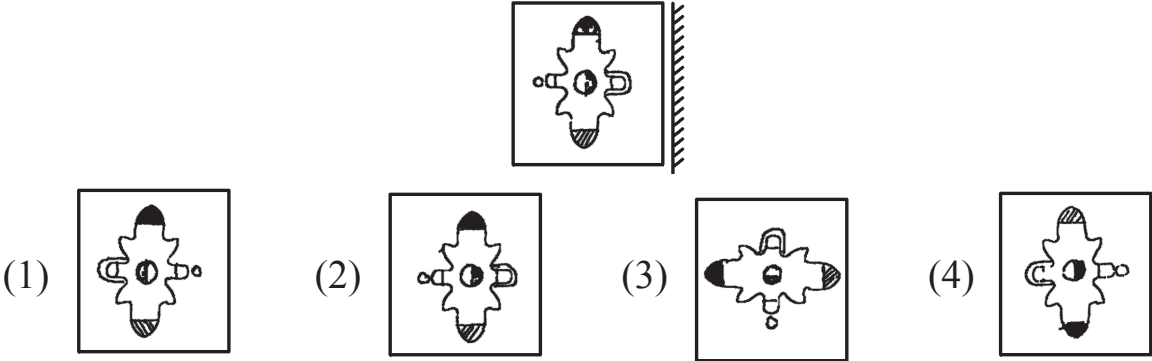
57. Select the correct alternative that is the mirror image of the question figure.



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.

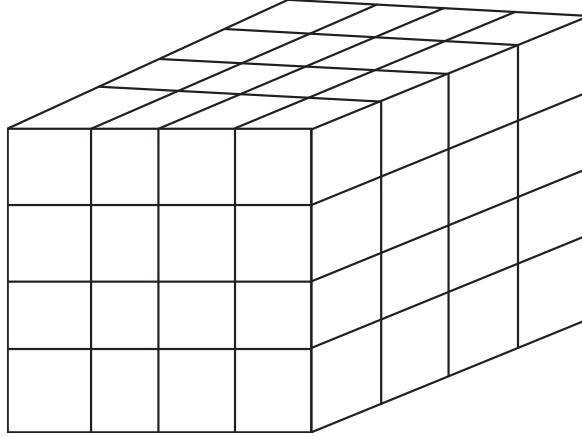


60. A river flows with a speed of 4 km/hr and a boat sails at the speed of 12 km/hr in still water. If the boat takes 2 hour to cover some distance, moving downstream then how much time it will require to cover the same distance moving upstream?

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

Space for Rough Work

प्रश्न 61 से 62 के लिए : $4 \times 4 \times 4$ घन सेमी माप वाले लकड़ी के एक घनाकार गुटके के सभी पृष्ठों को हरे रंग से रंगा गया। यदि उस गुटके को प्रत्येक एक सेमी के अंतर पर काटा जाए तो $1 \times 1 \times 1$ घन सेमी माप वाले छोटे गुटके तैयार होते हैं। निम्न प्रश्नों के उत्तर विकल्पों में से चुनिए।



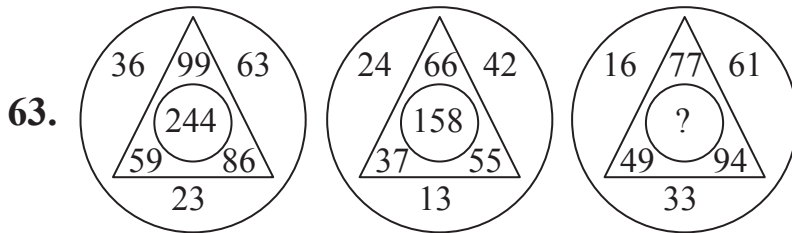
61. दो पृष्ठ भागों पर हरे रंग वाले गुटकों की संख्या बताओ।

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

62. ऐसे गुटकों की संख्या बताइए जिन पर कोई रंग नहीं है।

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

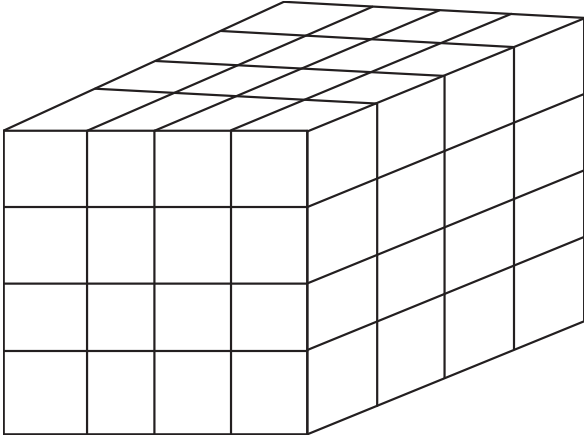
प्रश्न 63 से 64 के लिए : निम्न संख्या तालिका का सूत्र पहचान कर प्रश्नचिन्ह के लिए उचित विकल्प चुनिए।



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

कच्चे काम के लिए

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.

The first triangle has numbers 36, 99, 63 at the top vertices, 59, 86 at the bottom vertices, 23 at the base, and 244 in the center. The second triangle has numbers 24, 66, 42 at the top vertices, 37, 55 at the bottom vertices, 13 at the base, and 158 in the center. The third triangle has numbers 16, 77, 61 at the top vertices, 49, 94 at the bottom vertices, 33 at the base, and a question mark in the center.

- (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. किसी पंक्ति में मनोज अंतिम से दूसरे स्थान पर है, रमेश उससे आगे तीन विद्यार्थियों के बाद खड़ा है। सुरेश, रमेश से आगे सातवें स्थान पर खड़ा है। पंक्ति में सुरेश का क्रम नौवा हो, तो उस पंक्ति में कुल कितने विद्यार्थी हैं?

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

66. राजेश पश्चिम दिशा में 7 किमी. सीधा चलता है फिर बाँयी तरफ घूम कर 4 किमी. सीधा चलता है। फिर वह बाँयी तरफ मुड़ा और 3 किमी. सीधा चला। बाद में उत्तर दिशा में 9 किमी. सीधा चलते हुए दाहिनी ओर मुड़ा व 4 किमी. सीधा चलकर रुक जाता हो, तो वह आरंभ के स्थान से कितनी दूरी पर है?

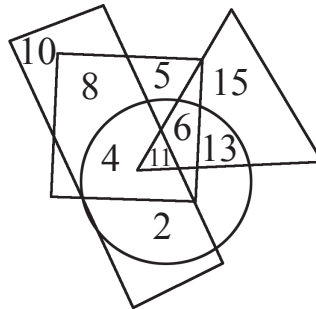
- (1) 13 किमी (2) 7 किमी (3) 9 किमी (4) 5 किमी

67. 13 जनवरी 2008 के दिन रविवार था, तो उस वर्ष कौन सा वार 53 बार आयेगा?

(दो सही विकल्प चुनिए)

- (1) रविवार (2) बुधवार (3) सोमवार (4) मंगलवार

68. दिए गये वेन आकृति में हिंदी भाषी व्यक्ति त्रिभुज से, मराठी भाषी व्यक्ति वृत्त से, अंग्रेजी भाषी व्यक्ति आयत से और तेलगु भाषी व्यक्ति वर्ग से दर्शाये गये हैं। मराठी, हिंदी, अंग्रेजी व तेलगु इन चारों भाषा को बोलने वाले व्यक्तियों की संख्या बताइए।



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

कच्चे काम के लिए

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

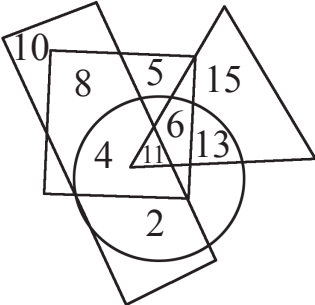
66. **Rajesh went 7 km to west and went 4 km after turning to left. Again he turned to left and went 3 km then he went 9 km to North and turned to right After turning he went 4 km and then stopped. Find the distance from the origin.**

- (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

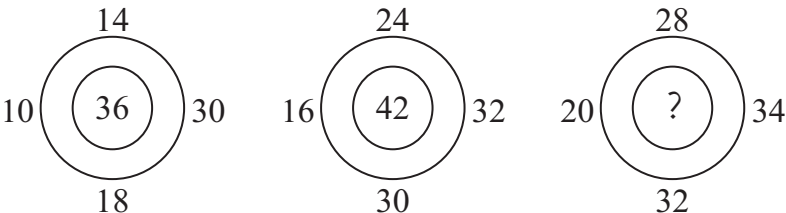
68. **In the Venn diagram, Hindi speaking persons are shown in triangle, Marathi speaking persons are shown in circle, English speaking are shown in rectangle and Telugu speaking are shown in square. Find the number of persons who speak all 4 languages ?**



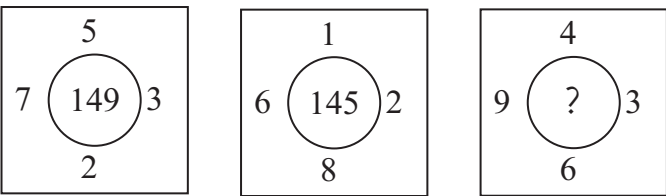
- (1) 4 (2) 6 (3) 11 (4) 13

Space for Rough Work

प्रश्न 69 से 70 के लिए : निम्नलिखित संख्याओं का निरीक्षण करके प्रश्नचिन्ह के स्थान पर कौन सी संख्या आयेगी? विकल्प में से चुनिए।

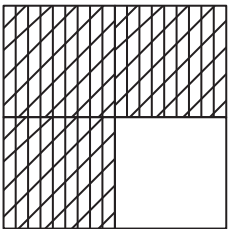
69. 

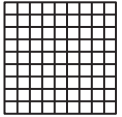
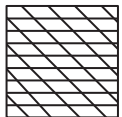
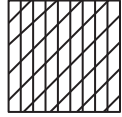
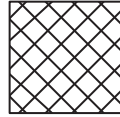
(1) 48 (2) 50 (3) 52 (4) 54

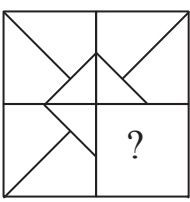
70. 





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

प्रश्न 71 से 72 के लिए : नीचे दी गयी प्रश्न आकृति को पूर्ण करने हेतु योग्य विकल्प चुनिए।

71. 

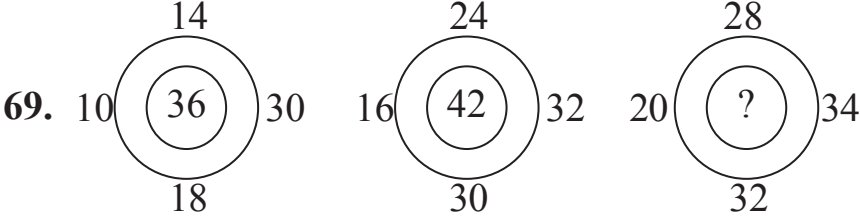
(1)  (2)  (3)  (4) 

72. 

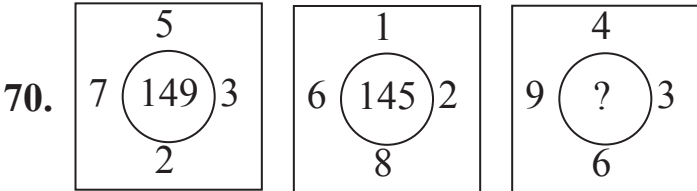
(1)  (2)  (3)  (4) 

कच्चे काम के लिए

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

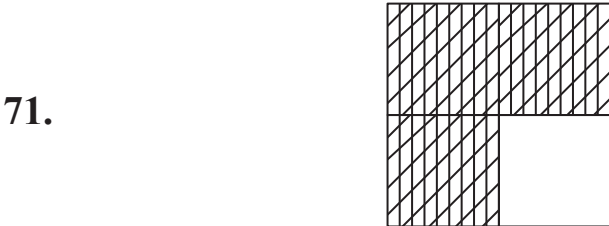


- (1) 48 (2) 50 (3) 52 (4) 54



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

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



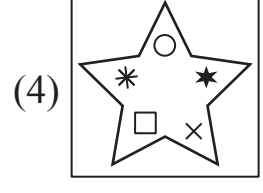
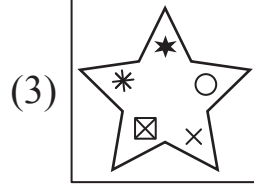
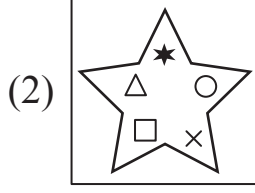
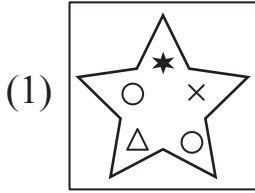
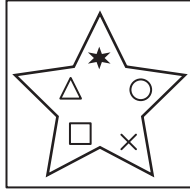
- (1) (2) (3) (4)



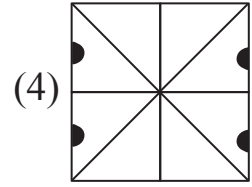
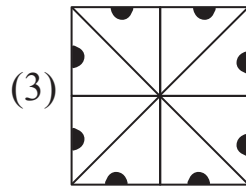
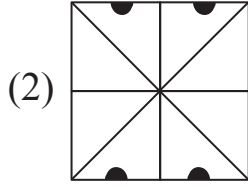
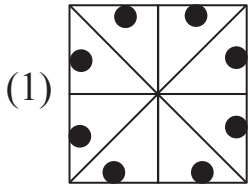
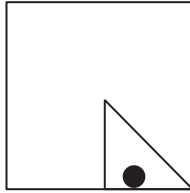
- (1) (2) (3) (4)

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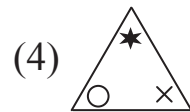
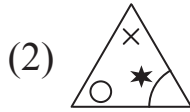
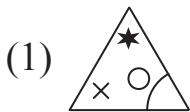
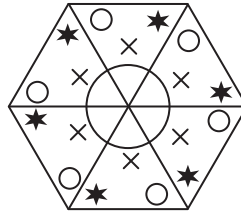
73. नीचे दी गयी प्रश्न आकृति से हबहू मिलने वाली आकृति पहचानिए।



74. नीचे दी गयी प्रश्न आकृति में कागज को मोड़ा गया। कागज को खोलने पर वह कैसा दिखेगा, निम्न विकल्प में से चुनिए।

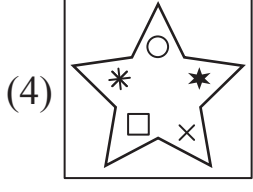
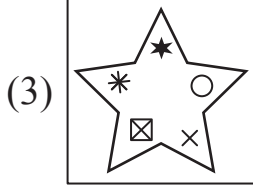
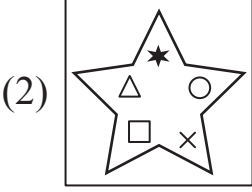
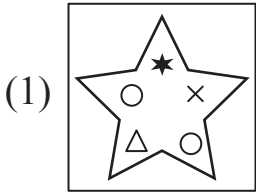
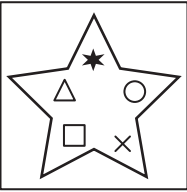


75. नीचे दी गयी प्रश्न आकृति में कौन सी विकल्प वाली आकृति छुपी है, पहचानिए।

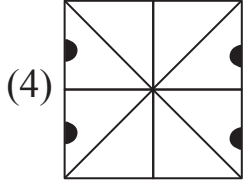
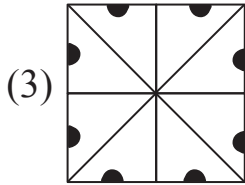
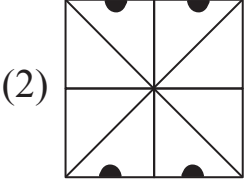
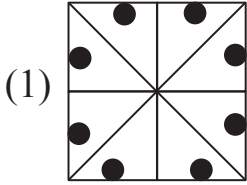
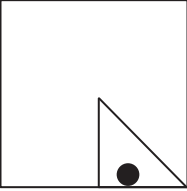


कच्चे काम के लिए

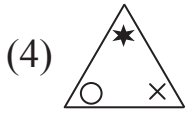
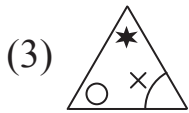
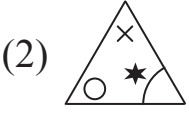
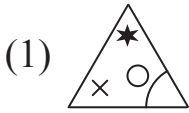
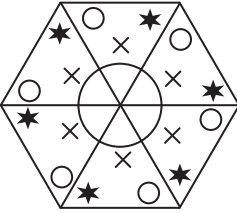
73. Select the replica of the question figure.



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

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