



**SECTION - I**

**ENGLISH**

01. Choose correct alternative of positive degree. Chennai is one of the hottest city in India.
- (1) Chennai is hotter than any city in India.
  - (2) Very few cities are as hot as Chennai in India.
  - (3) No other cities are as hot as Chennai in India.
  - (4) Chennai is hotter than many other cities in India.

**Instruction for Question No. 02 & 03**

Read the report prepared for school Magazine. Choose one correct alternative.

Trekking camp of our NCC students

Forty students of our school NCC unit guided by Mr. Patil, programme officer, went on a ten day trekking camp to forests of Dandeli during summer holidays. We set out from our school campus on 10<sup>th</sup> May in a specially arranged bus. We started walking from there with essential things. We raised our tents in convenient places. For the next 8 days we trekked around near by hills. It was a wonderful out door experience for the students. We returned to campus safely on 22<sup>nd</sup> May.

02. Read the following sentence and choose one alternative to arrange the sentences in proper order.
- (1) It was a wonderful out door experience for the students.
  - (2) We set out from our school campus on 10<sup>th</sup> of May.
  - (3) We raised our tents in convenient places.
  - (4) We returned to campus safely on 22<sup>nd</sup> of May.
- (1) 1, 4, 3, 2      (2) 2, 3, 1, 4      (3) 2, 3, 4, 1      (4) 1, 2, 3, 4
03. They set out from school campus on \_\_\_\_\_ and returned safely on \_\_\_\_\_.
- (1) special bus, 22<sup>nd</sup> of May      (2) 22<sup>nd</sup> of May, 10<sup>th</sup> of May
  - (3) summer, near by hills      (4) 10<sup>th</sup> of May, 22<sup>nd</sup> of May

**SPACE FOR ROUGH WORK**

04. Choose one alternative

Kabir wrote dohas and short poems.

What does the underlined word mean?

- (1) verse                      (2) couplets                      (3) stanzas                      (4) extracts

05. Choose one correct alternative of underlined word.

Ajinkya was suffering from illness. His family doctor said, "I suggest you to go to M.D. doctor."

- (1) Managing director                      (2) Management Diploma  
(3) Doctor of Medicine                      (4) Management of doctor

06. Choose one correct alternative.

What figure of speech is used in the sentence.

The director replied, "Many are called but few are chosen."

- (1) Antithesis                      (2) Irony                      (3) Pun                      (4) Personification

**Instruction for Question No. 07 & 08**

Read 'Nehru's letter to children' and choose one correct alternative.

Dear children,

I like being with children and talking to them and even more playing with them. For the moment I forget that I am terribly old and it is long since I was child.

Grown-ups have a strange way of putting themselves in compartment and groups. They build barriers..... of religion, cast, colour, party, nation, province, language, customs and of rich and poor. Thus they live in prisons of their own making.

Fortunately children do not know much about-these barriers. They play and work with each other.

Thus I have tried to talk to you in this letter as if you were sitting near me, I have written more than I intended.

Jawaharlal Nehru

**SPACE FOR ROUGH WORK**

07. 'They live in prisons of their own making'. What does it mean?

- (1) living in a strange way
- (2) living with own relatives
- (3) living in one's compartment and groups
- (4) play and work together.

08. What is that moment when Nehru felt that he was terribly old?

- (1) writing a letter after talking to them
- (2) while writing about old people
- (3) while writing letter to children
- (4) writing a letter while children are near.

09. Find out the pair of words which is of opposites.

A	B
(1) attire	clothing
(2) bliss	misery
(3) casual	informal
(4) unison	harmony

- (1) bliss-misery
- (2) attire-clothing
- (3) casual-informal
- (4) unison-harmony

10. Choose correct form of simple statement. Choose one alternative.

- (1) The moon rising at the end of their journey.
- (2) The moon rose before the end of their journey.
- (3) The moon rose and their journey ended.
- (4) Their journey ended as the moon rose.

11. Choose correct alternative of following sentence.

He says, "I am glad to be here this evening."

- (1) He says (that) he is glad to be here this evening.
- (2) He said that he was glad to be there that evening.
- (3) He says that he was glad to be there this evening.
- (4) He said that he is glad to be here that evening.

**SPACE FOR ROUGH WORK**

12. Choose two options of passive voice for the following sentence.

The managers will give you a ticket.

- (1) A ticket will be given to you by the manager.
- (2) You will be given a ticket by the manager.
- (3) You will give a ticket by the manager.
- (4) A ticket will be given to manager by you.

13. Choose one alternative for underlined word.

Hrishi stood in a long queue to withdraw money. He showed much patience.

- (1) adverb
- (2) adjective
- (3) verb
- (4) noun

14. Choose the correct alternative which has similar meaning.

Gurudev was a tactiturn, no nonsense kind of man.

- (1) reserved
- (2) talkative
- (3) social
- (4) person who use particular method.

15. Choose two correct alternative of collective nouns.

- (1) HERD, FLEET
- (2) CROWD, JURY
- (3) PARLIAMENT, FLOCK
- (4) TEAM, MOB

F	S	D	C	A
L	E	O	B	C
E	Q	G	W	L
E	H	O	X	G
T	E	A	M	S
M	R	P	O	V
N	D	G	B	Z

16. Choose one alternative of negative form of sentence.

As soon as he saw me, he came up and spoke to me.

- (1) No sooner did he see me than he came up and spoke to me.
- (2) No sooner does he see me than he came up and spoke to me.
- (3) No sooner do he see me than he came up and spoke to me.
- (4) No sooner he saw me than he came up and spoke to me.

**SPACE FOR ROUGH WORK**

17. Read the sentence and find out kind of adverb clause. Choose one alternative.  
The UNO was formed in order that countries might discuss world problem better.
- (1) Adverb clause of condition                      (2) Adverb clause of time  
(3) Adverb clause of place                              (4) Adverb clause of purpose

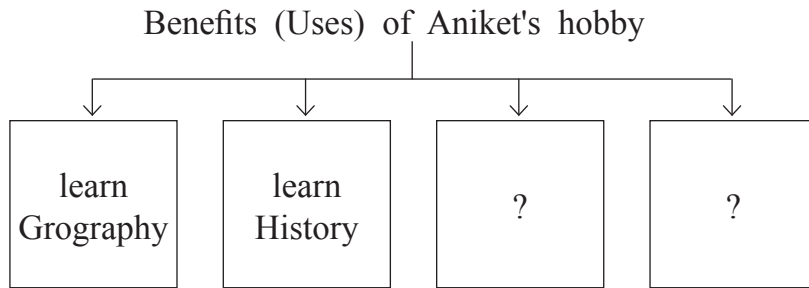
**Instruction for Question No. 18 & 19**

Read the conversation and choose correct alternative of following questions :

- Aniket : I am in luck. My uncle has sent me a letter from Japan with some Japanese stamps. He often sends me foreign stamps from the places he visit.
- Ajinkya : Are you going to paste them in your album?
- Aniket : Yes, here it is.
- Ajinkya : What a lot! French, Italian, Dutch, German, American, Turkish. You seem to have almost every country.
- Aniket : I have not got yet. And some rare ones are very expensive.
- Ajinkya : What is the use of collecting stamps?
- Aniket : It's a hobby. It teaches you some Geography and History. Sometimes it brings money. I also spend my time nicely observing it.
- Ajinkya : Good, keep it up!

18. Choose one alternative.  
'Aniket has stamps of 'Sweden'. This sentence is \_\_\_\_\_.
- (1) True                      (2) Partially true      (3) False                      (4) Can't say

19. Complete the following web by choosing two alternative.



- (1) brings fame    (2) brings money  
(3) spends free time.                                      (4) spends time nicely

**SPACE FOR ROUGH WORK**

**Instruction for Question No. 20 & 21**

Read the poem 'A teacher for all seasons' by F. Joanna and choose one alternative.

A teacher for all seasons.  
A teacher is like spring,  
    who nurtures new green sprouts,  
Encourages and leads them,  
    whenever they have doubts.  
A teacher is like summer  
    whose sunny temperament  
makes studying a pleasure,  
    preventing discontent.  
A teacher is like fall,  
    with methods crisp and clear,  
Lessons of bright colours,  
    And a happy atmosphere.  
A teacher is like winter,  
    while its snowing hard outside,  
Keeping students comfortable,  
    As a warm and helpful guide  
Teacher, you do all these things,  
    with a pleasant attitude,  
You're a teacher for all seasons,  
    And you have my gratitude!

– F. Joanna

20. The poet describes 'A teacher is for all seasons because \_\_\_\_\_.

- (1) A teacher works in all seasons.
- (2) A teacher likes all seasons.
- (3) A teacher endures all seasons.
- (4) A teacher does various roles like a friend, guide, motivator.

21. Choose one alternative.

'A teacher is like Spring who nurtures new green sprouts because \_\_\_\_\_.

- (1) Students like to eat green sprouts.
- (2) Students are young and tender.
- (3) Students can not learn when they are small.
- (4) A teacher can teach when students are small.

**SPACE FOR ROUGH WORK**

### Instruction for Question No. 22 & 23

Read the travelogue - "My trip to the city of dream : Mumbai" and choose one correct alternative.

#### My trip to the city of dream : Mumbai

Mumbai, formerly called Bombay is a sprawling, densely populated city on India's west coast. I took a flight in June from Delhi and was excited to see the city that never sleeps. I stayed at my brother's house - located on 17<sup>th</sup> floor of a highrising building with mesmerising view of whole city.

My day began with treats from a variety of the famous street food in Mumbai, starting with Vada pav and grilled sandwiches. I travelled on the beautiful and modern Worli Sea Link. Later we made our way to Gateway of India, the most famous monument in Mumbai. We visited many more places like Juhu Beach, Mount Mary Church.

I spent my day with a lot of enjoyment.

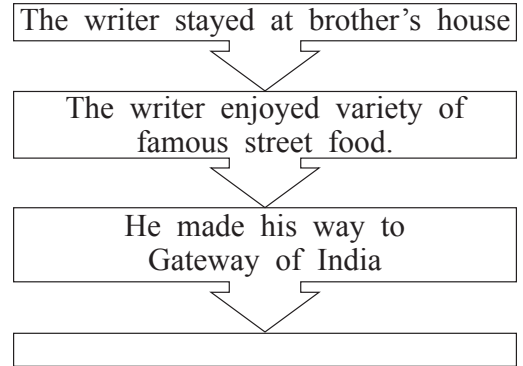
22. Read the travelogue and find out one alternative which explains experience of the writer.

The view of whole city from 17<sup>th</sup> floor of a highrising building was measmerising.

- (1) enchanting (2) big  
(3) horrified (4) memorable

23. Complete the following flow chart about how the writer took tour to Mumbai.

- (1) The writer took a flight in June from Delhi.  
(2) The writer travelled on the beautiful and modern Worli sea link.  
(3) The writer stayed at his brother's house.  
(4) The writer visited many more places like Juhu Beach, Mount Mary Church.



**SPACE FOR ROUGH WORK**



### Instruction for Question No. 24 & 25

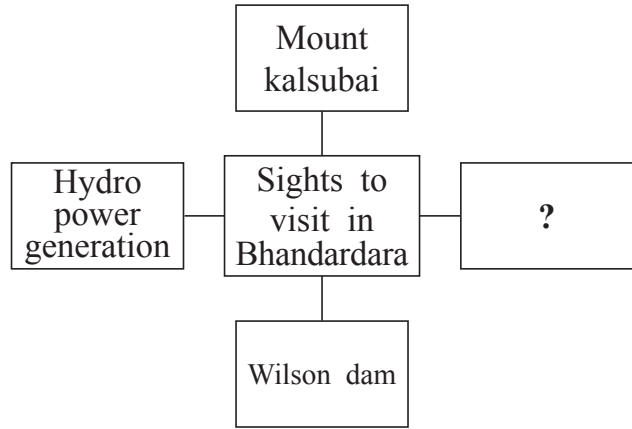
Read the passage and choose one alternative.

Bhandardara boasts of one of the highest hills in Maharashtra with dam-sites, temples, water falls, forts, a lake and a wildlife sanctuary. Situated 191 kms from Pune it is an ideal gateway. Taking a walk through the picturesque locations is very relaxing. The famous Wilson dam is a lovely site for picnicking as well. Built in 1910 on the Pravara river, the dam is almost 150 meters above sea level, its cool, placid waters running for miles. The Umbrella Falls here called the Randha Falls, are breathtaking as several streamlets cascade down 45 metres from the lake. These are used for hydropower generation.

Mount Kalsubai, the highest peak (1646 meters) of the Sahyadri Range ideal for trekkers. A small temple sits on the hilltop. Everywhere its really a breathtaking view.

24. Complete the web.

- (1) Ideal gateway
- (2) a breath taking view
- (3) Randha Fall
- (4) Maharashtra



25. What do we not find at Bhadardara?

- (1) bird sanctuary.
- (2) wild life sanctuary.
- (3) dam-sites.
- (4) forts.

SPACE FOR ROUGH WORK

**SECTION - II**

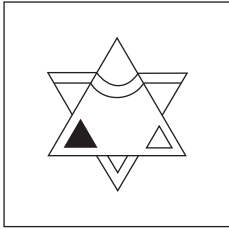
**INTELLIGENCE TEST**

**Q.26 to Q.30 Direction :**

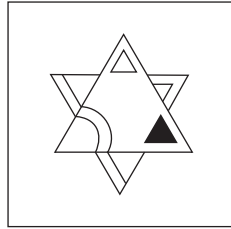
Find the odd term.

26. (1) Pumpkin (2) Tomato  
 (3) Tulsi (4) Wheat

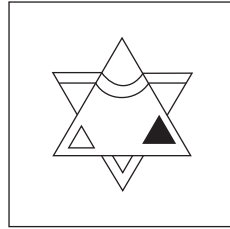
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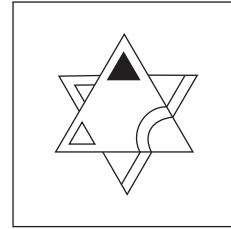
(1)



(2)



(3)



(4)

28. (1) 505 (2) 336  
 (3) 209 (4) 126

29. (1)  $\frac{25}{72}$  (2)  $\frac{49}{75}$   
 (3)  $\frac{16}{95}$  (4)  $\frac{64}{91}$

30. (1) JV (2) AU  
 (3) RX (4) QW

**Q.31 to Q.34 Direction :**

In the following series determine the rule and find out the term in place of question mark.

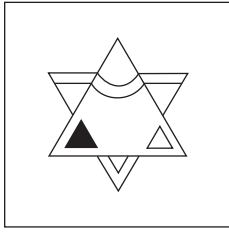
SPACE FOR ROUGH WORK

## SECTION - II

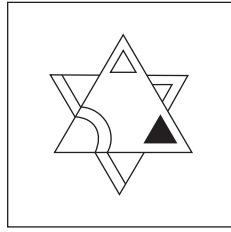
## ذہانت ٹیسٹ

سوال نمبر 26 تا 30 کے لیے ہدایت :  
گروہ میں شامل نہ ہونے والا رکن پہچانیے۔

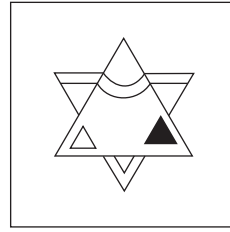
26. (1) افترا (2) اجرا  
(3) جزا (4) صلہ



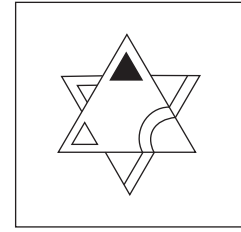
(1)



(2)



(3)



(4)

27.

336 (2)

505 (1) 28.

126 (4)

209 (3)

 $\frac{49}{75}$  (2) $\frac{25}{72}$  (1) 29. $\frac{64}{91}$  (4) $\frac{16}{95}$  (3)

AU (2)

JV (1) 30.

QW (4)

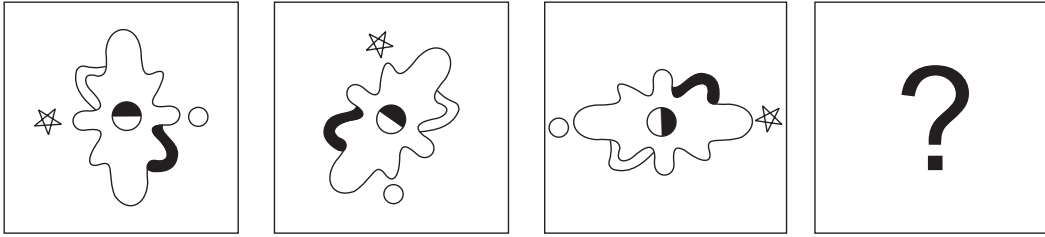
RX (3)

سوال نمبر 31 تا 34 کے لیے ہدایت :

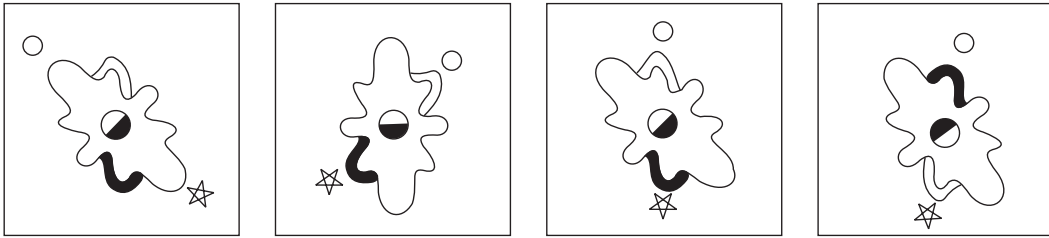
ذیل کی سلسلہ وار ترتیب میں سوالیہ علامت کی جگہ آنے والا رکن متبادل سے منتخب کیجیے۔

رف کام کے لیے خالی جگہ

31. Question Figure:



Answer Figures:



(1)

(2)

(3)

(4)

32.  $\frac{225}{53}, \frac{144}{43}, ?, \frac{324}{29}, \frac{81}{19}, \frac{9}{13}$

(1)  $\frac{9}{31}$

(2)  $\frac{196}{27}$

(3)  $\frac{729}{39}$

(4)  $\frac{441}{37}$

33. 1000, 657, 441, 316, ?, 217, 216

(1) 300

(2) 252

(3) 267

(4) 341

34. ? ? ?

(1)

(2)

(3)

(4)

35. The ratio of the ages of Swara and Meera 5 years before was 3 : 4. Five years hence, the ratio of their ages will be 5 : 6. Find Swara's present age.

(1) 15 years

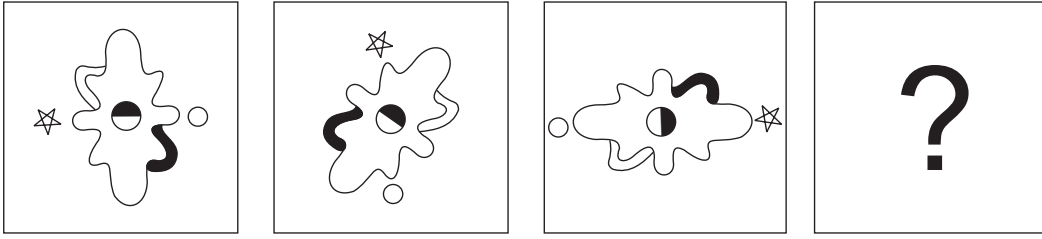
(2) 25 years

(3) 10 years

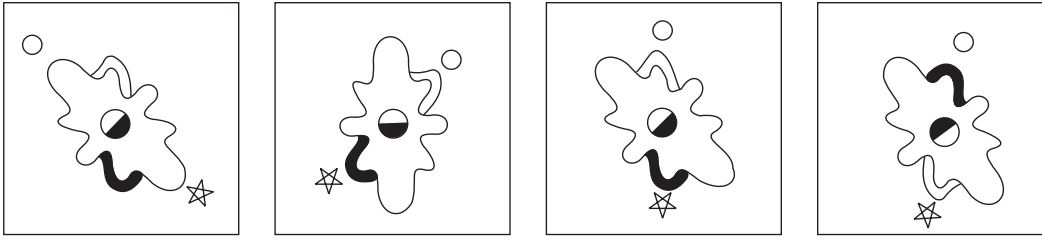
(4) 20 years

SPACE FOR ROUGH WORK

31. سوالیہ شکل :



جوابی شکلیں :



(1)

(2)

(3)

(4)

32.  $\frac{225}{53}$ ,  $\frac{144}{43}$ , ?,  $\frac{324}{29}$ ,  $\frac{81}{19}$ ,  $\frac{9}{13}$

$\frac{441}{37}$  (4)

$\frac{729}{39}$  (3)

$\frac{196}{27}$  (2)

$\frac{9}{31}$  (1)

33. 1000, 657, 441, 316, ?, 217, 216

341 (4)

267 (3)

252 (2)

300 (1)



(4)

(3)

(2)

(1)

35. عشرین اور میناز کی 5 سال قبل کی عمروں کی نسبت 4 : 3 تھی۔ اگر 5 سال بعد ان کے عمروں کی نسبت 6 : 5 ہوگی تو عشرین کی موجودہ عمر کتنی ہے؟

20 سال (4)

10 سال (3)

25 سال (2)

15 سال (1)

رف کام کے لیے خالی جگہ

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
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36. While conducting the group activities, the group leader used some letters for specific instructions. For example - 'L' means 'to read', 'M' means 'to write', 'V' means 'to meditate'. He instructed the students in the following manner. How many times he instructed them to meditate?

L M V M L L M V V M L L M V V L M L

- (1) 6 (2) 5 (3) 7 (4) 8

37. Priya's mother is Sagar's mother's sister-in-law. What is the relation of Priya's father to Sagar's maternal aunt?

- (1) Brother (2) Brother-in-law (3) Husband (4) Can't say

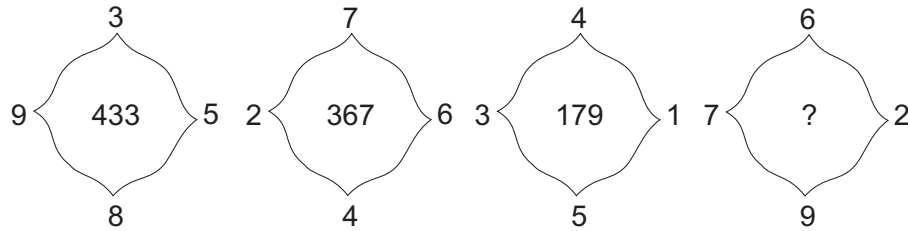
38. In the word 'CHANDRAYAAN' which letters are to the right and left side of the 3<sup>rd</sup> last letter? (Find out two correct alternatives)

- (1) H (2) Y (3) A (4) N

**Q.39 and Q.40 Direction :**

Find out the rule underlying the arrangement of numbers in the following questions and choose the correct alternative that will replace the question mark.

39.



- (1) 892 (2) 576 (3) 823 (4) 829

40. If  $5 + 3 = 72$ ,  $7 - 3 = 20$ ,  $4 + 3 = 56$  then  $9 + 6 = ?$

- (1) 15 (2) 225 (3) 240 (4) 12

**Q.41 and Q.42 Direction :**

Identify the correct mirror image of the question figures from the alternatives given.

SPACE FOR ROUGH WORK

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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

36. جماعت میں گروہی کام کرتے وقت گروہ کے لیڈر نے ہدایت کے لیے حروف استعمال کیے۔ جیسے: 'ل' کہا جائے تو 'پڑھو'، 'م' کہا جائے تو 'لکھو' اور 'و' کہا جائے تو 'بولو'۔ اس طرح سے درج ذیل ہدایت دی گئی ہو تو 'بولنے' کی ہدایت کتنی مرتبہ دی گئی ہے؟

ل م ل و و م ل ل م و و م ل ل م و م ل

(1) 6 (2) 5 (3) 7 (4) 8

37. فیروز کی والدہ ارسلان کی والدہ کی بھابھی ہے، تو فیروز کے والد ارسلان کی خالہ کے کون ہوں گے؟

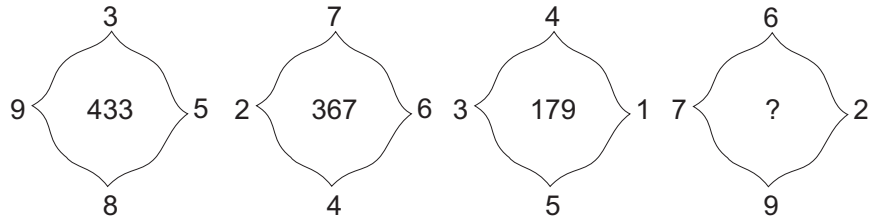
(1) بھائی (2) بہنوئی  
(3) خاوند (4) یقینی طور پر کچھ کہہ نہیں سکتے۔

38. 'م ا ر ع د ج' ان حروف سے ایک بامعنی لفظ تیار کیا جائے اور تیسرے، چوتھے اور چھٹے مقام پر واقع حروف سے تیار ہونے والا بامعنی لفظ کے ہم معنی الفاظ متبادلات سے منتخب کیجیے۔ (دو صحیح متبادلات کا انتخاب کیجیے۔)

(1) حمد (2) بجلی (3) برق (4) ثناء

سوال نمبر 39 اور 40 کے لیے ہدایت :

ذیل کے عددوں کی سلسلہ وار ترتیب میں اصول کو پہچان کر سوالیہ علامت کی جگہ آنے والا متبادل پہچانیے۔



(1) 892 (2) 576 (3) 823 (4) 829

40.  $9 + 6 = ?$  تو  $4 + 3 = 56$ ,  $7 - 3 = 20$ ,  $5 + 3 = 72$

(1) 15 (2) 225 (3) 240 (4) 12

سوال نمبر 41 اور 42 کے لیے ہدایت :

سوالیہ شکل کا آئینہ میں عکس ظاہر کرنے والی شکل متبادلات سے منتخب کیجیے۔

رف کام کے لیے خالی جگہ







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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

46. Choose the author of the book 'King Lear' from the given alternatives.
- (1) Rudyard Kipling (2) Wordsworth  
(3) R. S. Stevenson (4) Shakespeare
47. Rajanikant was born on Tuesday, 29<sup>th</sup> February 2000. On which day will he celebrate his second birthday?
- (1) Wednesday (2) Thursday (3) Friday (4) Tuesday

**Q.48 to Q.52 Direction :**

In each of the following questions relation between 3<sup>rd</sup> and 4<sup>th</sup> term is the same as that between the first and the second term. Find the term to replace the question mark.

48. Primary occupation : Cattle rearing :: Secondary occupation : ?  
(Select two correct alternatives)

- (1) Tourism (2) Cotton textile industry  
(3) Credit-Co-Op-Societies (4) Iron and steel industry

49. Cricket : Pitch :: Wrestling : ?

- (1) Rink (2) Wrestler  
(3) None of these (4) Arena

50. 34 : 91 :: 27 : ? . (Select two correct alternatives)

- (1) 351 (2) 315 (3) 347 (4) 117

51. WVU : N :: TSR : ?

- (1) F (2) H (3) C (4) E

**SPACE FOR ROUGH WORK**

46. 'ک ن ل ر ا ی' ان حروف سے تیار ہونے والی تصنیف کے مصنف کا نام پہچانیے۔

- (1) مولانا الطاف حسین حالی  
(2) سردار جعفری  
(3) کرشن چندر  
(4) امتیاز علی تاج

47. رفیق کی پیدائش 29 فروری 2000ء بروز منگل کو ہوئی تھی تو اس کی دوسری سالگرہ کونسے دن ہوگی؟

- (1) بدھ  
(2) جمعرات  
(3) جمعہ  
(4) منگل

سوال نمبر 48 تا 52 کے لیے ہدایت :

پہلے دو ارکان کا باہمی تعلق ذہن نشین کر کے سوالیہ علامت کی جگہ آنے والا متبادل پہچانیے۔

48. ? : ثانوی پیشہ :: گلہ بانی : ابتدائی پیشہ (دو صحیح متبادلات منتخب کیجیے)  
(1) کھیتی باڑی  
(2) کپڑوں کی صنعت  
(3) ماہی گیری  
(4) فولاد بنانا

49. ? : حفاظت کرنے والا :: سخی : سخاوت کرنے والا

- (1) پھریدار  
(2) سپاہی  
(3) حافظ  
(4) محافظ

50. ? : 27 :: 91 : 34 (دو صحیح متبادلات منتخب کیجیے)

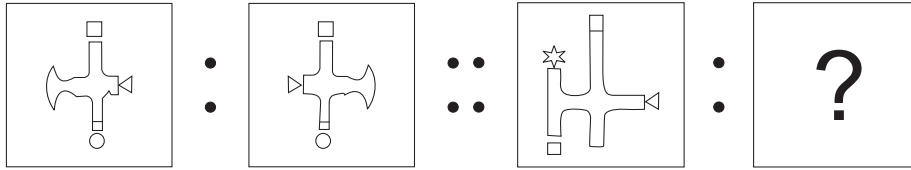
- (1) 351  
(2) 315  
(3) 347  
(4) 117

51. WVU : N :: TSR : ?

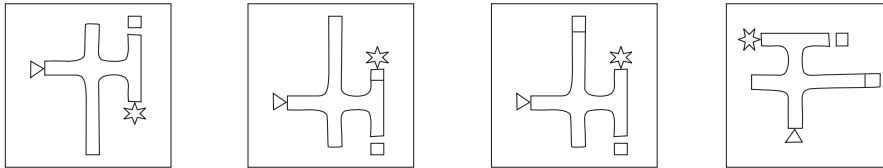
- (1) F  
(2) H  
(3) C  
(4) E

رف کام کے لیے خالی جگہ

52. Question Figure :



Answer Figures :



(1)

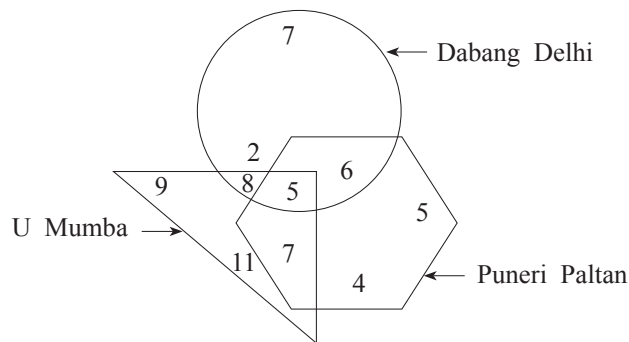
(2)

(3)

(4)

Q.53 and Q.54 Direction :

In the adjacent figure, the number of boys who are the fans of different teams is shown. Observe the venn diagram and answer the questions that follow :



53. How many boys are the fans of only two teams?

(1) 26

(2) 5

(3) 15

(4) 21

54. How many boys are the fans of only one team?

(1) 38

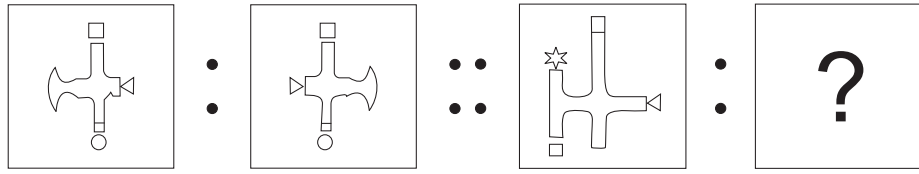
(2) 36

(3) 94

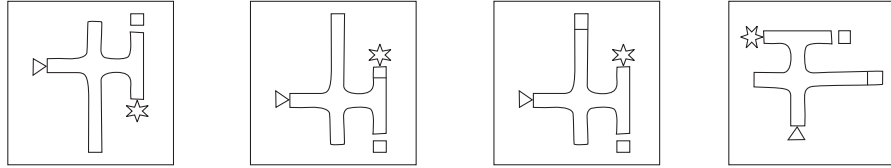
(4) 59

SPACE FOR ROUGH WORK

52. سوالیہ شکل :



جوابی شکلیں :



(1)

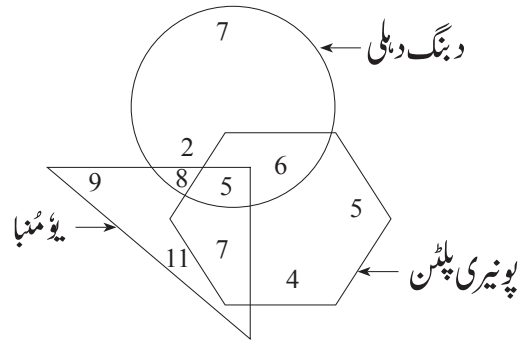
(2)

(3)

(4)

سوال نمبر 53 اور 54 کے لیے ہدایت :

ذیل کے وین خاکوں میں دی گئی ٹیموں کا کھیل پسند کرنے والے لڑکوں کی تعداد ظاہر کی گئی ہے۔ اس کا مشاہدہ کرتے ہوئے سوالات حل کیجیے۔



53. صرف دو ٹیموں کو پسند کرنے والے لڑکوں کی کل تعداد کتنی ہوگی؟

21 (4)

15 (3)

5 (2)

26 (1)

54. صرف ایک ہی ٹیم پسند کرنے والے لڑکوں کی کل تعداد کتنی ہوگی؟

59 (4)

94 (3)

36 (2)

38 (1)

رف کام کے لیے خالی جگہ

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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

55. Observe the numbers given in the following square and choose the correct alternative to replace the questions mark.

7	8	13
4	5	?
9	12	15

- (1) 8  
(2) 9  
(3) 7  
(4) 6

56. In the following number series find the odd term.

6, 3, 32, 59, 130, 211, 342.

- (1) 6                      (2) 342                      (3) 32                      (4) 130

57. In the following table symbols are used for numbers. (Select two correct alternatives)

Numbers	2	3	4	5	6	7	8	9	10	11	12
Symbols	□	△	☆	*	●	■	▽	⊕	⊗	▲	▢

then

$$\left[ \left( \frac{\nabla}{\square} \right) \div \left( \frac{\triangle}{\triangle} \right) \right] \times \left( \frac{\oplus}{\triangle} \right) + * = ?$$

- (1)  $\triangle \times \square$                       (2)  $* + \triangle$                       (3)  $\nabla \div \square$                       (4)  $\blacktriangle - \triangle$

**Q.58 and Q.59 Direction :**

58. In a certain code language SUN is replaced by VXQ, TON is replaced by WRQ, then VEX will replace which word?

- (1) SBU                      (2) WDA                      (3) LGB                      (4) PKF

59. Which of the following alternative gives the word which is opposite of 'YES'?

- (1) VQ                      (2) QR                      (3) WR                      (4) WQ

**SPACE FOR ROUGH WORK**

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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

55. دیئے گئے چوکون میں سوالیہ علامت کی جگہ آنے والا متبادل پہچانیے۔

- 8 (1)  
9 (2)  
7 (3)  
6 (4)

7	8	13
4	5	?
9	12	15

56. ذیل کے عددی سلسلہ میں غلط رکن پہچانیے۔

6, 3, 32, 59, 130, 211, 342

- 130 (4)                      32 (3)                      342 (2)                      6 (1)

57. ذیل کے جدول میں ہندسوں کی بجائے علامتوں کا استعمال کیا گیا ہے۔

ہندسہ	2	3	4	5	6	7	8	9	10	11	12
علامت	□	△	☆	*	●	■	▽	⊕	⊗	▲	△

اس بناء پر

$$\left[ \left( \frac{\nabla}{\square} \right) \div \left( \frac{\triangle}{\triangle} \right) \right] \times \left( \frac{\oplus}{\triangle} \right) + * = ?$$

(دو صحیح متبادلات منتخب کیجیے)

- ▲ - △ (4)                      ▽ ÷ □ (3)                      \* + △ (2)                      △ × □ (1)

سوال نمبر 58 اور 59 کے لیے ہدایت :

ایک اشاراتی زبان میں 'دور' یہ لفظ 'NML'، 'دام' یہ لفظ 'PON'، تو 'روا' یہ لفظ 'QPM' لکھا جاتا ہے۔ اس میں اردو الفاظ کی ترتیب انگریزی حروف تہجی کے ترتیب کے برابر ہوگی ایسا نہیں ہے۔ اس معلومات کی بناء پر سوالات حل کیجیے۔

58. اس اشاراتی زبان میں 'دوم' یہ لفظ کس طرح لکھا جائے گا؟

- MPN (4)                      MPQ (3)                      QMN (2)                      OMN (1)

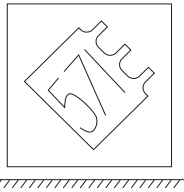
59. اس اشاراتی زبان میں 'در' یہ لفظ کس طرح لکھا جائے گا؟

- NQ (4)                      NP (3)                      NL (2)                      MP (1)

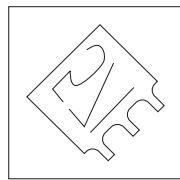
رف کام کے لیے خالی جگہ

60. Identify the water reflection of the question figure from the given alternatives.

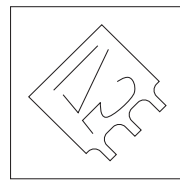
**Question Figure:**



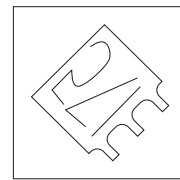
**Answer Figures:**



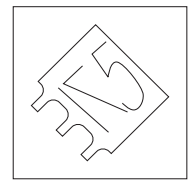
(1)



(2)



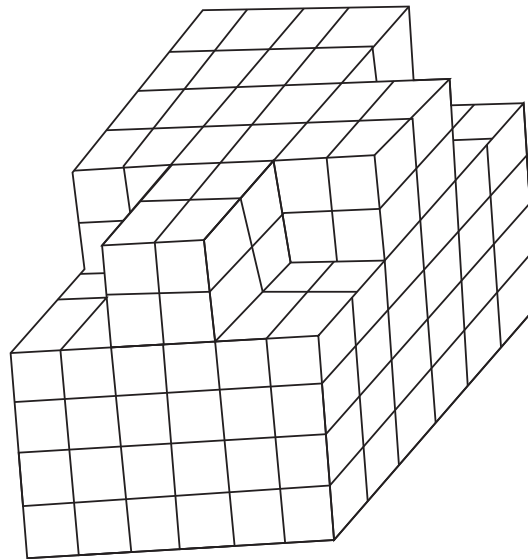
(3)



(4)

**Q.61 and Q.62 Direction :**

Observe the following figure.



61. All the outer surfaces of the given figure are painted with the same colour. How many cubes will have three faces painted?

- (1) 16                      (2) 14                      (3) 20                      (4) 12

62. In the given figure find the maximum number of cubes that are arranged one above the other?

- (1) 216                      (2) 208                      (3) 200                      (4) 192

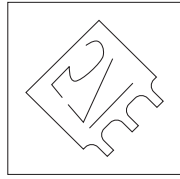
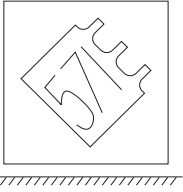
**SPACE FOR ROUGH WORK**



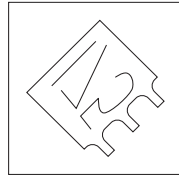
60. ذیل کی سوالیہ شکل کا پانی میں عکس ظاہر کرنے والی شکل متبادلات سے منتخب کیجیے۔

سوالیہ شکل :

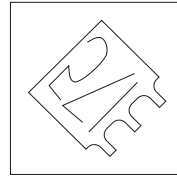
جوابی شکلیں :



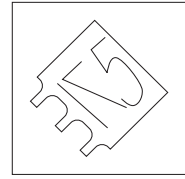
(1)



(2)



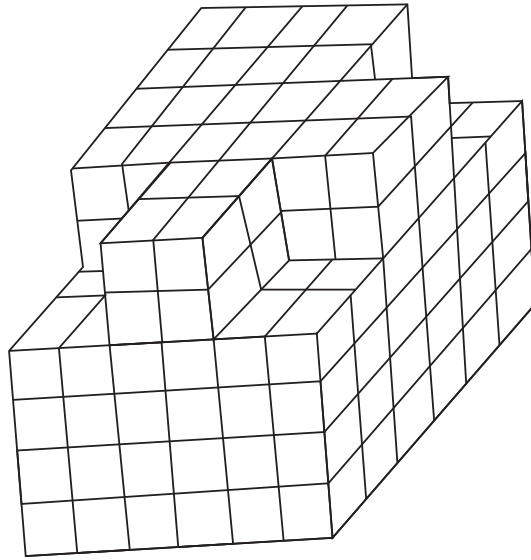
(3)



(4)

سوال نمبر 61 اور 62 کے لیے ہدایت :

ذیل کی شکل کا مشاہدہ کیجیے۔



61. مندرجہ بالا مکعبی کندوں کے ترتیب کی باہری تمام سطحوں کو ایک ہی رنگ سے رنگا جائے تو کتنے کندوں کی تین سطحوں کو رنگا جائے گا؟

12 (4)

20 (3)

14 (2)

16 (1)

62. مندرجہ بالا شکل میں ایک ہی پیمائش کے زیادہ سے زیادہ کتنے کندے ایک دوسرے پر ترتیب سے رکھے ہوئے ہیں؟

192 (4)

200 (3)

208 (2)






216 (1)

رف کام کے لیے خالی جگہ

**Q.63 to Q.65 Direction :**

Identify the rhythmic arrangement of terms given below and find the correct term in place of the question mark.

63. U W ? M V U V M ? N U N W ? ? U M V N W  
 (1) N U M V      (2) N V W M      (3) N W V M      (4) W M V M

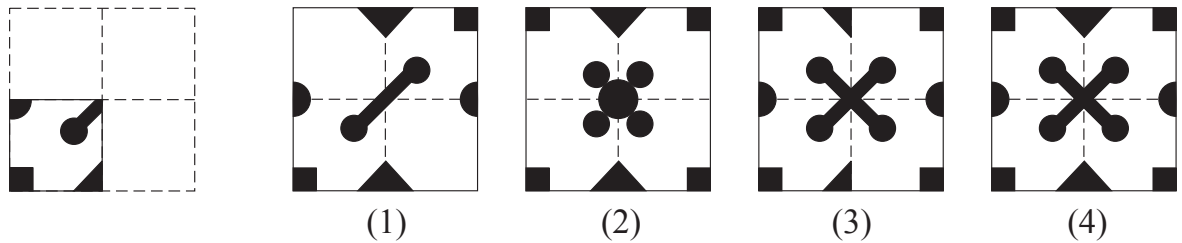
64.   
 (1)       (2)       (3)       (4) 

65. 3 6 9 7 1 2 2 3 1 6 9 7 7 2 9 3 6 1 1 7 ? ? ? 9  
 (1) 3 2 6      (2) 6 2 3      (3) 6 7 3      (4) 3 6 2

66. A square sheet of paper folded and cut as shown in the question figure. How will the figure look like when the paper is unfolded. Choose the correct option.

**Question Figure:**

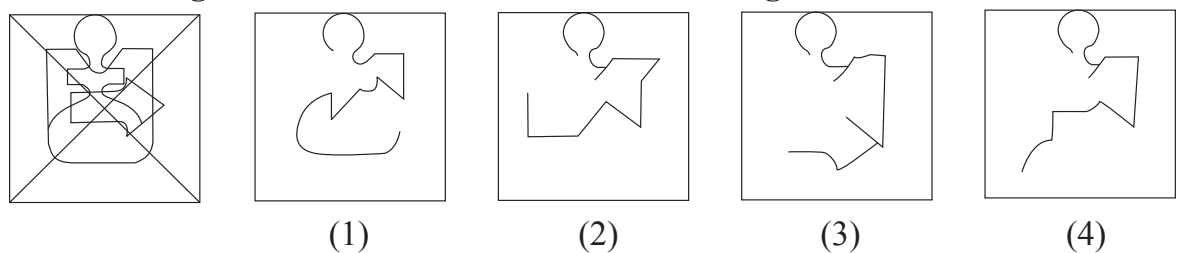
**Answer Figures:**



67. Find the hidden part of the question figure from the alternatives given.

**Question Figure:**

**Answer Figures:**



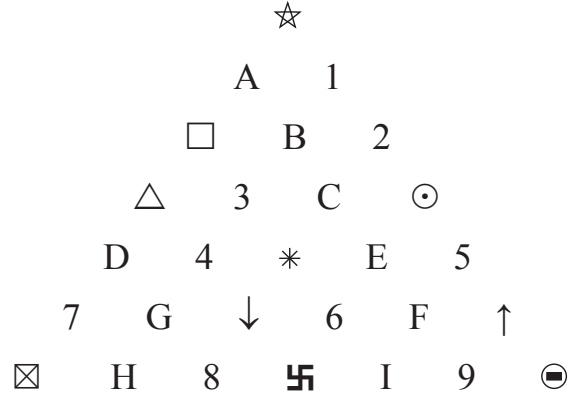
SPACE FOR ROUGH WORK



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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**Q.68 to Q.70 Direction :**

Observe the following pyramid and the sequence of the terms given in the questions that follow. Choose the correct term from the alternatives given that will replace the question mark. (Select two correct alternatives.)



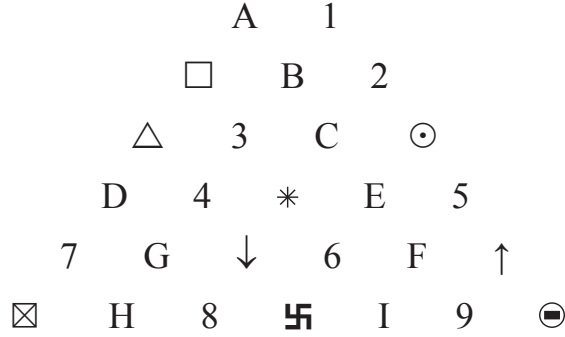
68. ☆ ☩ 8 □ : ☆ ☩ I 2 :: A ↓ 7 △ : ?  
 (1) 1 C ⊙ 2 (2) 1 6 ↑ ⊙ (3) 2 I ⊖ ↑ (4) A ↓ F C
69. △ 3 4 G 6 C : ⊙ C E F ↓ 3 △ :: D 4 G H ☩ \* : ?  
 (1) 5 F E 9 ☩ \* 4 (2) 5 E F 9 I ☩ \*  
 (3) 5 F E 9 ☩ \* (4) 5 E I ☩ 8 ↓ \*
70. A G B □ 8 : □ H 3 △ :: ? : 2 9 C ⊙  
 (1) 1 9 B 2 I (2) 1 F C ⊙ I (3) 1 F B 2 I (4) 1 E B 2 I
71. One is added to the position of serial number of each letter in the alphabet series. Find the sum of the serial numbers of the word which is opposite to the word 'EAST'? choose the correct option.  
 (1) 71 (2) 63 (3) 66 (4) 73
72. In the following series determine the rule underlying the series and find out the term in place of the question mark.  
 Y, A, V, D, ?, I, J, P, A, Y  
 (1) I (2) D (3) Q (4) P

SPACE FOR ROUGH WORK

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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

سوال نمبر 68 تا 70 کے لیے ہدایت :

ذیل کے اہرام کا مشاہدہ کر کے سوالات میں موجود ہندسوں، حروف اور علامتوں کی ترتیب ذہن نشین کر کے سوالیہ علامت کی جگہ آنے والا رکن پہچانیے۔



☆ ☯ 8 □ : ☆ ☯ I 2 :: A ↓ 7 △ : ? 68.  
A ↓ F C (4)      2 I ⊖ ↑ (3)      1 6 ↑ ⊙ (2)      1 C ⊙ 2 (1)

△ 3 4 G 6 C : ⊙ C E F ↓ 3 △ :: D 4 G H ☯ \* : ? 69.  
5 E F 9 I ☯ \* (2)      5 F E 9 ☯ \* 4 (1)  
5 E I ☯ 8 ↓ \* (4)      5 F E 9 ☯ \* (3)

A G B □ 8 : □ H 3 △ :: ? : 2 9 C ⊙ 70.  
1 E B 2 I (4)      1 F B 2 I (3)      1 F C ⊙ I (2)      1 9 B 2 I (1)

انگریزی حروف تہجی کے ہر ایک حرف کو اس کے شروعاتی نمبر سے بقدر ایک زیادہ قیمت دی جائے تو 'EAST' اس لفظ کے متضاد لفظ کے حروف کی جمع کتنی ہوگی؟

73 (4)      66 (3)      63 (2)      71 (1)

ذیل کے سلسلہ میں سوالیہ علامت کی جگہ آنے والا رکن متبادلات سے منتخب کیجیے۔

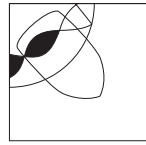
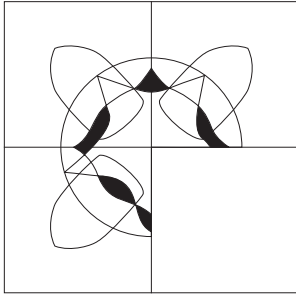
Y, A, V, D, ?, I, J, P, A, Y  
P (4)      Q (3)      D (2)      I (1)

رف کام کے لیے خالی جگہ

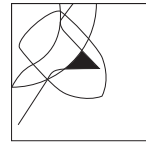
73. Choose the correct alternative to complete the question figure.

**Question Figure:**

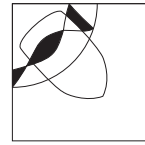
**Answer Figures:**



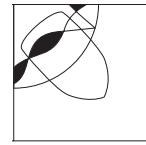
(1)



(2)



(3)



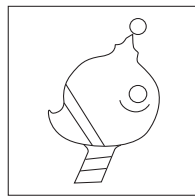
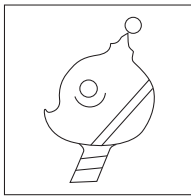
(4)

**Q.74 and Q.75 Direction :**

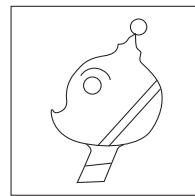
Choose the correct figure from the alternatives given that exactly matches with the question figure.

74. **Question Figure:**

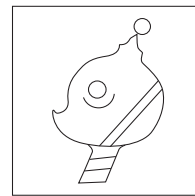
**Answer Figures:**



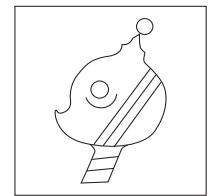
(1)



(2)



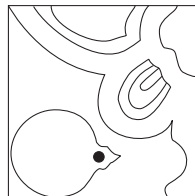
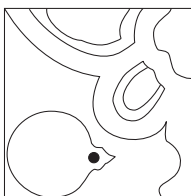
(3)



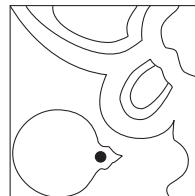
(4)

75. **Question Figure:**

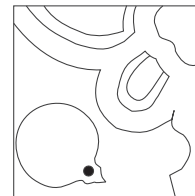
**Answer Figures:**



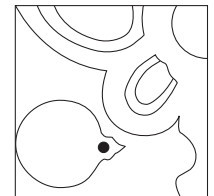
(1)



(2)



(3)



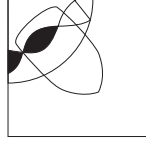
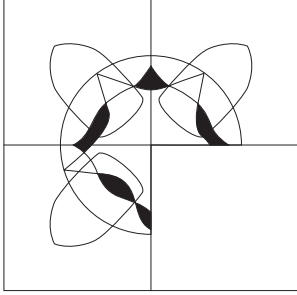
(4)

SPACE FOR ROUGH WORK

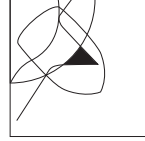
73. ذیل کی سوالیہ شکل کو مکمل کرنے کے لیے مناسب متبادل کا انتخاب کیجیے۔

سوالیہ شکل :

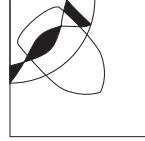
جوابی شکلیں :



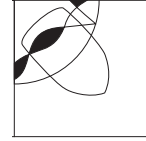
(1)



(2)



(3)



(4)

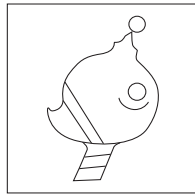
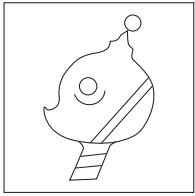
سوال نمبر 74 اور 75 کے لیے ہدایت :

سوالیہ شکل سے ہو بہو ملنے والی شکل متبادلات سے منتخب کیجیے۔

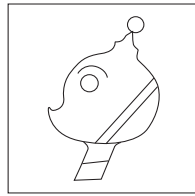
سوالیہ شکل :

جوابی شکلیں :

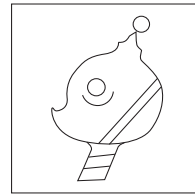
74.



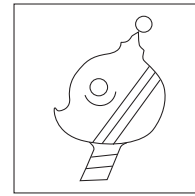
(1)



(2)



(3)

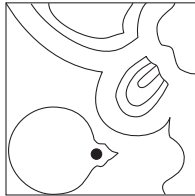
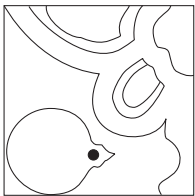


(4)

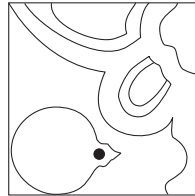
سوالیہ شکل :

جوابی شکلیں :

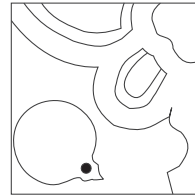
75.



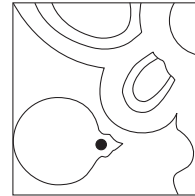
(1)



(2)



(3)



(4)

رف کام کے لیے خالی جگہ

رف کام کے لیے خالی جگہ