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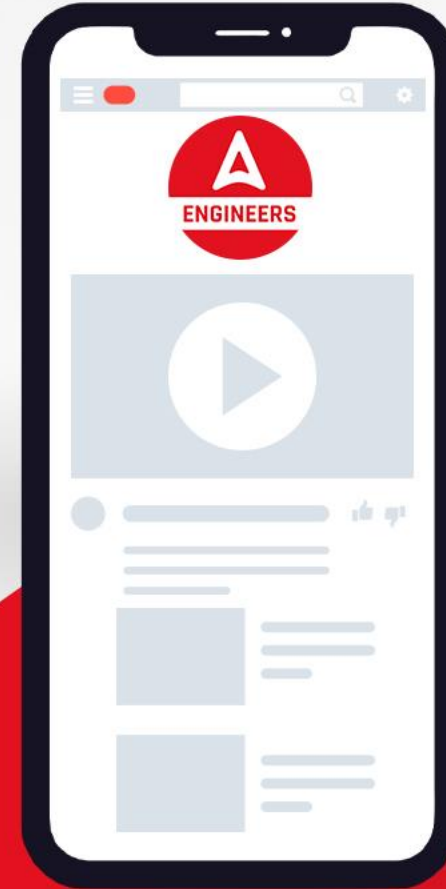


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**Q.1 A Shopping mall worker loads his trolley and walks 50 m through an alley which is going North, then he turns to his left and walks 15 m, then he turns South and walks another 15 m, then he turns East and walks 25 m and then he turns south and walks 35 m. Where is he now with reference to his starting position?**

**एक शॉपिंग मॉल का कर्मचारी अपनी ट्रॉली को लोड करता है और एक गली से 50 मीटर चलता है जो उत्तर की ओर जा रही है, फिर वह अपनी बाईं ओर मुड़ता है और 15 मीटर चलता है, फिर वह दक्षिण की ओर मुड़ता है और 15 मीटर चलता है, फिर वह पूर्व की ओर मुड़ता है और 25 मीटर चलता है और फिर वह दक्षिण की ओर मुड़ता है और 35 मीटर चलता है। अपनी प्रारंभिक स्थिति के संदर्भ में वह अब कहाँ है?**

- (a) 10 m West
- (b) 10 m East
- (c) 40 m East
- (d) 40 m West

**Q2 . Two battle tanks start from the same point. Tank A travels 12 km South, then turns to its left and travels 7 km. Tank B travels 7 km South, then turns West and travels 9 km, then turns to its left and travels 5 km. Where is tank A with respect to tank B?**

दो युद्धक टैंक एक ही बिंदु से शुरू होते हैं। टैंक A 12 किमी दक्षिण की यात्रा करता है, फिर अपनी बाईं ओर मुड़ता है और 7 किमी की यात्रा करता है। टैंक बी 7 किमी दक्षिण की यात्रा करता है, फिर पश्चिम की ओर मुड़ता है और 9 किमी की यात्रा करता है, फिर अपनी बाईं ओर मुड़ता है और 5 किमी की यात्रा करता है। टैंक B के सन्दर्भ में टैंक A कहाँ है?

- (a) 16 km West
- (b) 2 km East
- (c) 2 km West
- (d) 16 km East



**Q.3 . In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.**

**Statement I: No cats are dogs**

**Statement II: Some cats are carnivores**

**Conclusion I: All dogs are carnivores**

**Conclusion II: All carnivores are dogs**

- (a) Only conclusion I follows**
- (b) Only conclusion II follows**
- (c) Both conclusions I and II follow**
- (d) Neither conclusion I nor conclusion II follows**

**Q.4 In the question three statements are given, followed by three conclusions, I, II and III. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.**

**Statement I: No bronze is copper**

**Statement II: Some alloy is bronze**

**Statement III: Some zinc is alloy**

**Conclusion I: Some zinc is bronze**

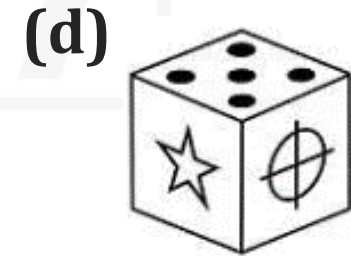
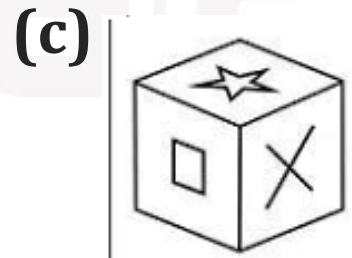
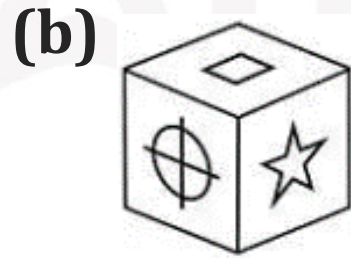
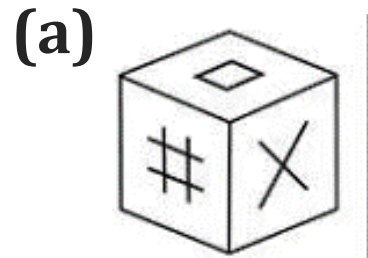
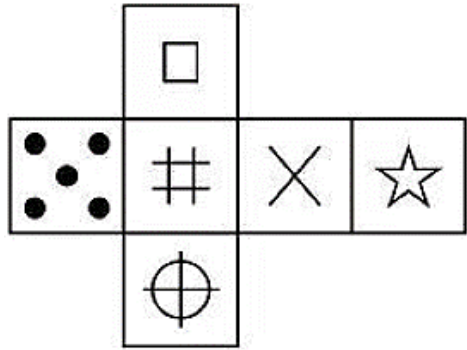
**Conclusion II: Some copper is zinc**

**Conclusion III: some alloy is copper**

- (a) Only conclusions I and II follow**
- (b) Only conclusions II and III follow**
- (c) All conclusions I, II and III follow**
- (d) None of the conclusions follow**

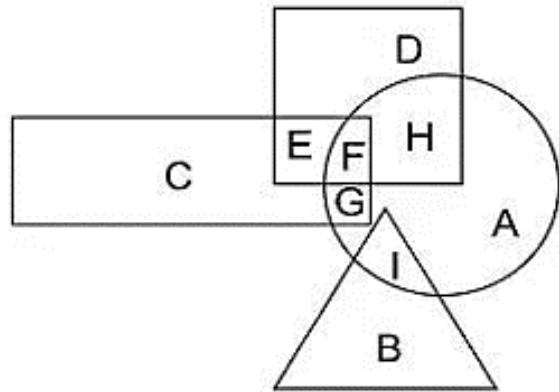


**Q.5 Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?**



Q.6 In the following figure, square represents astronauts, triangle represents swimmers, circle represents women and rectangle represents Indians. Which set of letters represents women who are either astronauts or swimmers?

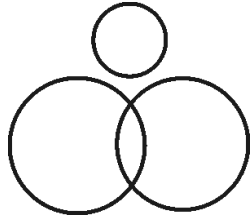
निम्नलिखित आकृति में, वर्ग अंतरिक्ष यात्रियों को दर्शाता है, त्रिभुज तैराकों को दर्शाता है, वृत्त महिलाओं को दर्शाता है और आयत भारतीयों को दर्शाता है। अक्षरों का कौन सा समूह उन महिलाओं को दर्शाता है जो या तो अंतरिक्ष यात्री हैं या तैराक हैं?



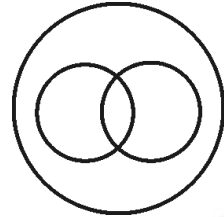
- (a) FHGI
- (b) DEIA
- (c) IBFG
- (d) FHI

Q.7 Which of the following Venn diagrams represents the relationship between Pencils, Pens and Writing instruments?

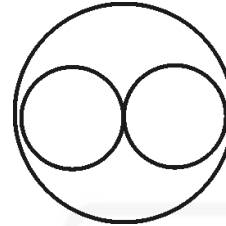
(a)



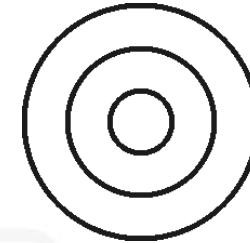
(b)



(c)

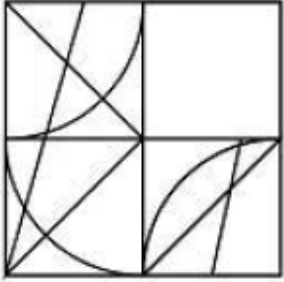


(d)

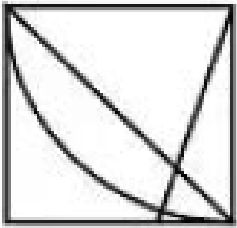


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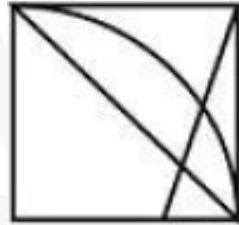
Q. 8 Which answer figure will complete the pattern in the question figure?



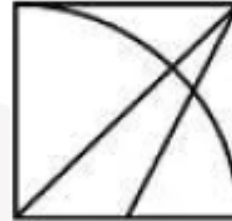
(a)



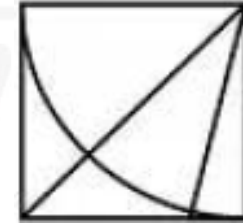
(b)



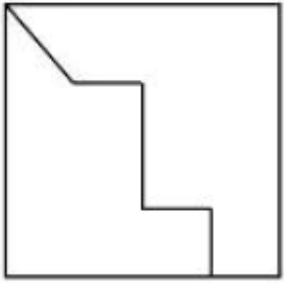
(c)



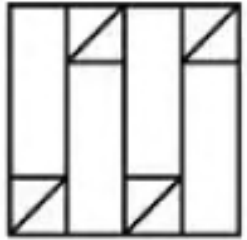
(d)



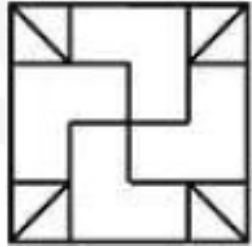
Q.9 From the given answer figures, select the one in which the question figure is hidden/embedded.



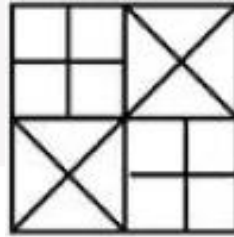
(a)



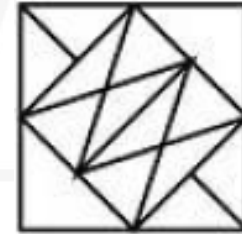
(b)



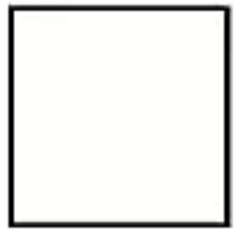
(c)



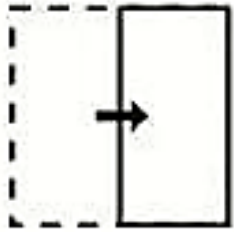
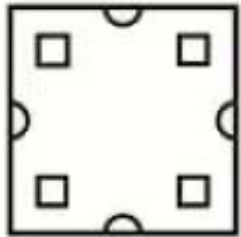
(d)



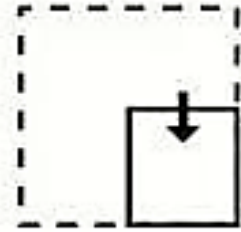
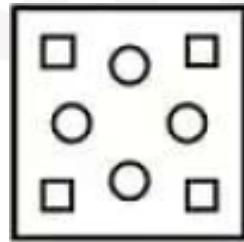
**Q.10** A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



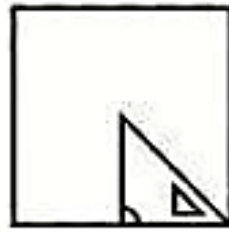
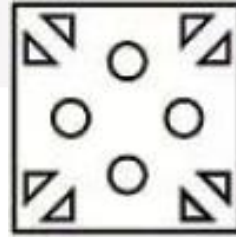
(a)



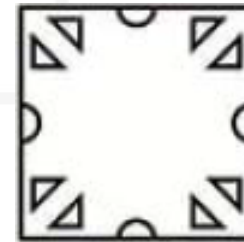
(b)



(c)



(d)



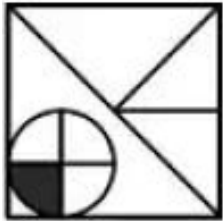


Q11. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?



M N

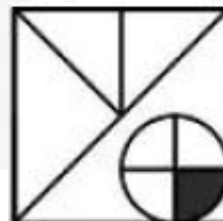
(a)



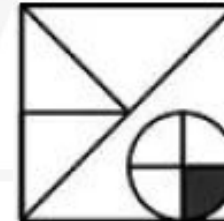
(b)



(c)



(d)



Q12. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'C' can be represented by 31, 43 etc and 'W' can be represented by 76, 89 etc. Similarly, you have to identify the set for the word 'SODA'

Matrix-I					
	0	1	2	3	4
0	J	G	J	A	H
1	B	A	D	B	L
2	B	D	A	F	L
3	L	C	G	B	B
4	B	K	B	C	B

Matrix-II					
	5	6	7	8	9
5	S	Q	R	T	X
6	S	T	T	U	O
7	T	W	W	S	T
8	Q	R	O	T	W
9	Q	P	T	S	X

(a) 65,85,21,40

(c) 55,67,12,33

(b) 78,87,12,03

(d) 98,69,22,14

Q13. There are six villages A, B, C, D, E and F. village F is 1 km to the west of D. village B is 1km to the east of E. village A is 2 km to the north of E. village C is 1 km to the east of A. village D is 1 km to the south of A. which three villages are in a line

छह गाँव A, B, C, D, E और F हैं। गाँव F, D के पश्चिम में 1 किमी है। गाँव B, E के पूर्व में 1 किमी है। गाँव A, E के उत्तर में 2 किमी दूर है। गाँव C A के पूर्व में 1 किमी है। गाँव D, A के दक्षिण में 1 किमी है। कौन से तीन गाँव एक पंक्ति में हैं

- (a) A, C, E
- (b) A, D, E
- (c) A, B, C
- (d) E, F, E

Q14. Find the next number of series: 1.5, 2.3, 3.1, 3.9,.....

- (a) 9.3
- (b) 6.5
- (c) 4.7
- (d) 16.8



Q15 . Find the next pair of numbers of the series: 21, 25, 18, 29, 33, 18, ....., .....

- (a) 37, 41
- (b) 37, 18
- (c) 45, 18
- (d) 41, 18



**Q16. Select the number from among the given options that can replace the question mark (?) in the following series.**

**28, 32, 41, 57, ?**

- (a) 68**
- (b) 82**
- (c) 74**
- (d) 90**



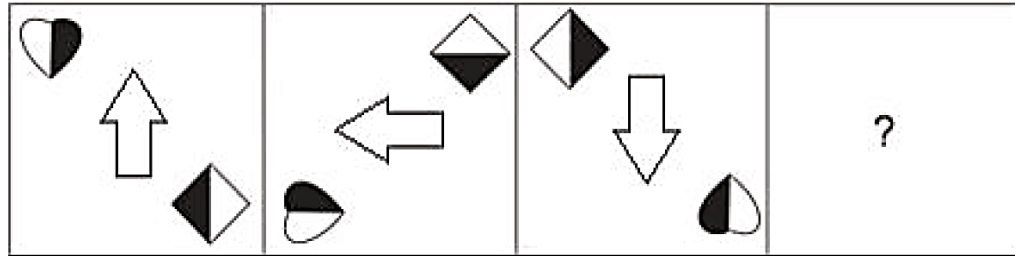


**Q17 In a certain code language, 'so it be' is written as 'lor kor nor', 'it is done' is written as 'zor kor tor', and 'be yourself' is written as 'nor xor'. How will 'so' be written in that language?**

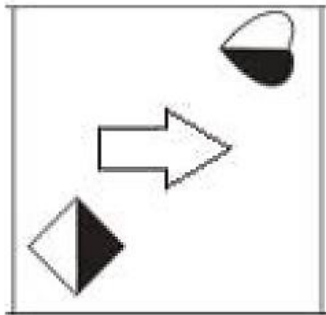
- (a) nor**
- (b) xor**
- (c) lor**
- (d) kor**



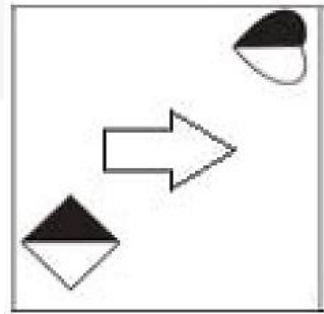
**Q18. Select the figure from among the given options that can replace the question mark (?) in the following series.**



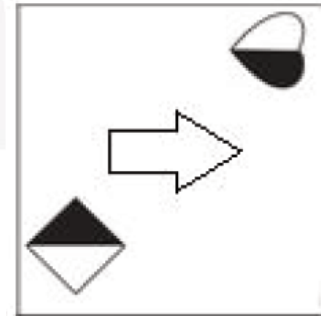
(a)



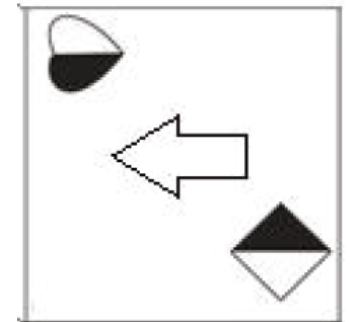
(b)



(c)



(d)



**Q19. In the following question, select the related number from the given alternatives.**

**101 : 10201 :: 107 : ?**

- (a) 10707**
- (b) 10749**
- (c) 11449**
- (d) 11407**

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Q20. A. P. J. Abdul Kalam : Wings of Fire :: Mahatma Gandhi : ? (SSC JE 2017)

- (a) Atmakatha
- (b) An Autobiography
- (c) The Story of my Experiments with Truth
- (d) Courage and Conviction

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**Q21. Queen, Aqua, Pique, Torque, Antique, ?**

- (a) Squad**
- (b) Quadrilateral**
- (c) Prerequisite**
- (d) Queue**

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Q22. The weights of 4 boxes are 70, 100, 20 and 40 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes?

4 बक्सों का वजन 70, 100, 20 और 40 किलोग्राम है। निम्नलिखित में से कौन इन बक्सों के किसी भी संयोजन का कुल भार किलोग्राम में नहीं हो सकता है?

- (a) 230
- (b) 190
- (c) 160
- (d) 200

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Q23. Mohan, Ritika, Janvi, Priya and Riya are friends. Janvi runs faster than Ritika but slower than Priya. Mohan is the slowest runner and Riya runs faster than Priya. Who runs the fastest among the five?

मोहन, रितिका, जाह्नवी, प्रिया और रिया दोस्त हैं। जाह्नवी रितिका से तेज लेकिन प्रिया से धीमी दौड़ती है। मोहन सबसे धीमा धावक है और रिया प्रिया से तेज दौड़ती है। पाँचों में से कौन सबसे तेज़ दौड़ता है?

- (a) Priya
- (b) Riya
- (c) Ritika
- (d) Mohan

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**Q24. Arrange the given words in the sequence in which they occur in the dictionary.**

**I. Beguile**

**II. Bigot**

**III. Begun**

**IV. Bigamy**

**(a) I, III, II, IV**

**(b) I, III, IV, II**

**(c) I, II, III, IV**

**(d) I, IV, III, II**



Q25. If “A” denotes “multiplied by”, “B” denotes “subtracted from”, “C” denotes “added to” and “D” denotes “divided by”, then  $8 \text{ B } 31 \text{ C } 49 \text{ D } 7 \text{ A } 16 = ?$

- (a) 89
- (b) 98
- (c) 102
- (d) 11



**Q26. In the following question, select the missing number from the given series.**

**28, 30, 36, 48, ?, 98, 140**

- (a) 68**
- (b) 65**
- (c) 72**
- (d) 67**

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Q27. Kritika walks 40 metres towards south. Then turning to her right she rides 30 metres. Then, turning to her left, she rides 50 metres. Again, she turns to her left and rides 30 metres. How far (in metres) is she from her initial position?

कृतिका दक्षिण की ओर 40 मीटर चलती है। फिर अपने दायीं ओर मुड़कर वह 30 मीटर चलती है। फिर, अपनी बाईं ओर मुड़कर, वह 50 मीटर चलती है। वह फिर से उसके बायीं ओर मुड़ती है और 30 मीटर चलती है। वह अपने प्रारंभिक स्थान से कितनी दूर (मीटर में) है?

- (a) 65
- (b) 70
- (c) 80
- (d) 90

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**Q28. In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.**

**CONSOLIDATE**

- (a) CONSOLE**
- (b) ONSET**
- (c) SALTY**
- (d) SOLID**





**Direction (29):** In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

**Q29. Statements:**

**I. Some stones are bricks.**

**II. Some bricks are trees.**

**Conclusion:**

**I. Some stones are trees.**

**II. Some trees are bricks.**

**(a) Conclusion I follows**

**(b) Conclusion II follows**

**(c) Neither I nor II follows**

**(d) Both I and II follow**

Q30. Honest : Truthful :: Obdurate : ?

ईमानदार : सच्चा :: हठी : ?

- (a) Adamant
- (b) Soft
- (c) Yielding
- (d) Submissive

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