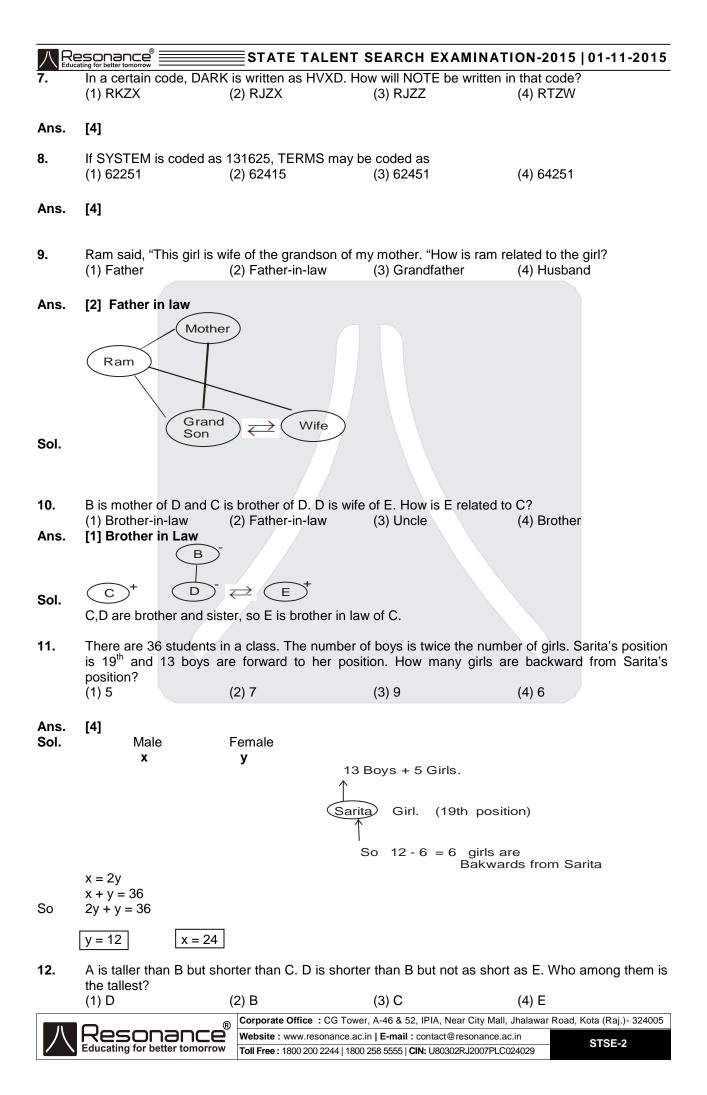
		ALENT SEARCH EXAMINAT	ION-2015 01-11-2015
1.	"Angle" is related to 'Degree' In the sa (1) Rain gauge (2) Flood	R WITH SOLUTION) ame way as 'Rain' is related to (3) Monsoon	(4) Centimetre
Ans.	[4]		
2.	44 is related to 21 in the same way as(1) 31(2) 32	s 64 is related to (3) 33	(4) 34
Ans.	[1]		
Sol.	(1) 31 $\frac{44}{2} - 1 = 21$ Simil	larly	
Directi 3. Ans.	ions (3-4) ions : In question Nos. 3 and 4 excep Select the odd alternative in Question (1) Grapes (2) Orange	t one alternative other alternatives Nos. 3 and 4. (3) Turnip	are alike in a certain way. (4) Guava
Sol. 4.	Turnip [as other are fruits] (1) JMLK (2) CGFE	(3) PSRQ	(4) VYXW
Ans. Sol.	[2] CGFE J M L K 10 13 12 11 C G F E 3 7 6 5 [Pattern is no	P S R Q V Y X W 16 19 18 17 22 25 24 23 [Letters ot same as others]	s are in a fixed pattern]
5.	501, 500, 492, <u>?</u> , 401, 276, 60 (1) 467 (2) 465	(3) 456	(4) 476
Ans. Sol.	[2] 501 500 492 ? 40	01 276 60	
	$\begin{array}{c} 1 \\ 1 \\ (1)^{3} \\ \end{array} \begin{array}{c} 8 \\ (2)^{3} \\ (3)^{3} \\ \end{array} \begin{array}{c} 4^{3} \\ 492 - 27 \\ = \end{array}$	125 216 (5 ³) (6) ³	
6.	YAK, VDI, SGG, PJE, <u>?</u> (1) MMC (2) MNC	(3) MLC	(D) MMD
Ans.	[1] MMC		
Sol.	2 2 +3 +3 YAK VDI \$€ -3 -3	-2 -2 +-3 +-8 	Тмс
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Ans. [3] C

C > A > B > D > E Sol.

So C is Tallest

13. Amit walks 30 metres towards south, then turning to his right he walks 30 metres. Then turning to his left he walks 20 metres. Again turning to his left he walks 30 metres. How far is he from his starting position? (1) 30 metres (3) 10 metres (4) 50 metres (2) 20 metres

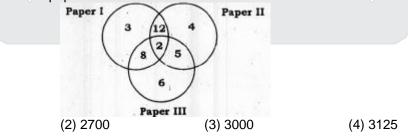


- 14. At the time of sunrise, Reena's shadow is right side to he. Which direction will be Reena's mouth? (1) East (2) West (3) North (4) South [4]
- Ans.
- 15. Which of the following Venn-diagrams represents Teacher, Gents, Writer?



[4] Ans.

16. In the Venn-diagram, numbers represent the persons reading the newspapers. The diagram is based on surveying 50 persons in a population of 5000. How many persons can be expected to read at least two newspapers?



Ans. [2]

(1) 2500

- Which letter is exactly in the middle of 20th letter from the right and 11th letter from left in English 17. alphabet?
 - (1) I (2) J (3) H (4) O

Ans. [4]

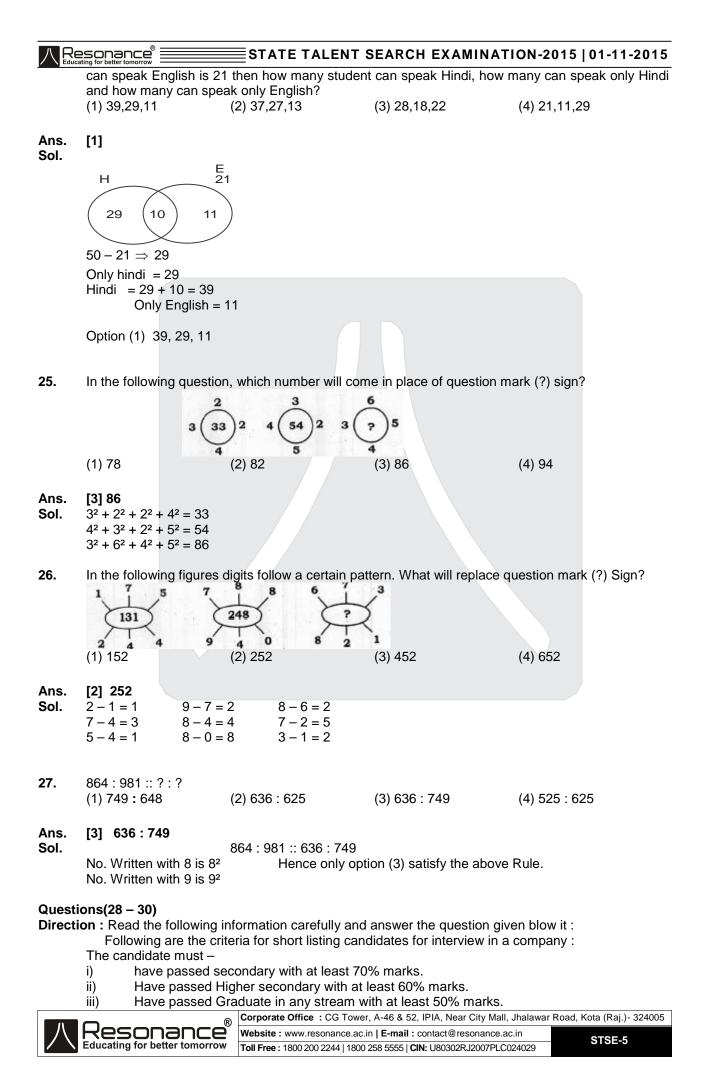
18. Which one of the following words can be formed from the letters of the word 'REVERENCE'? (1) NEAR (3) PEER (2) **SEER** (4) NEVER

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Ans.	[4]			
19.	$3 \div 5 \times 8 + 2 - 10 = 13$ (1) + and -	3 (2) × and ÷	(3) + and -	(4) ÷ and +
Ans.	[4] ÷ and +			
Sol.	$3 \div 5 \times 8 + 2 - 10 =$ (÷ and +) 3 + 5 × 8 - $\Rightarrow 3 + 5 \times 4 - 10$ $\Rightarrow 3 + 20 - 10 = 13$	- 2 - 10		
20.			thematical sign is to be u	sed for 🗖 symbol to correct
	the value of the equat (1) – and +	ion? (2) - and ÷	(3) + and -	(4) ÷ and ×
Ans. Sol.		- 6+2 = 20 4 = 20 Ans.		
21.	Choose the correct al a. Tree b. Furniture c. Plant d. Seed e. Wood	ternative from the followi	ng words in a logical sequ	uence :
	(1) d,b,e,a,c	(2) b,d,e,a,c	(3) b,d,a,e,c	(4) d,c,a,e,b
Ans. Sol.	[4] d,c,a,e,b Seed, Plant, Tree, Wo	ood, Furniture		
22.	Arrange the following a. Square b. Line c. Angle d. Triangle.	in a logical order :		
	(1) b,c,d,a	(2) a,c,d,b	(3) c,b,d,a	(4) a,d,c,b
Ans. Sol.	[1] b,c,d,a Live, Angle, Triangle,	Square		
23.			s B was 10 vears before	. If at present A is 9 years
	older than B, the pres (1) 19 years		(3) 39 years	(4) 49 years
		()		· · · · · ·
Ans. Sol.	A's age after ten years B's age before ten yea	present age of A is = $(x + 9 + 10) = (+ 19)$ ars = $(x - 10)$ years tion = $(x + 19) = 2 (x - 10)$	years	option (B)
~ .	T I F O (I (

24. There are 50 students admitted to a class. Some students can speak only English and some can speak only Hindi. 10 students can speak both English and Hindi. If the number of students who

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iv) Have. Knowledge of computer.

In the following questions, answers should be given based on above details.

28. Rahul has secured 72% marks in Secondary. He completed his graduation with 68% marks. He has now enrolled in PG degree.

(1) eligible under (i) only
(2) eligible under (ii) only
(3) eligible under (iii) only
(4) eligible under (i) and (iii)

Ans. [4]

- Sol. In the given statement Rahul is eligible under (i) & (iii) only
- **29.** Maya has completed post graduate examination after passing graduation exam with 60% marks. She has secured 75% marks in secondary and 66% marks in Higher Secondary.
 - (1) eligible under (i), (ii) and (iii) (2) eligible under (i), (ii) and (iv)
 - (3) eligible under (ii), (iii) and (iv) (4) eligible under (i) and (iii).

Ans. [1]

- Sol. In the given statement Maya is eligible under (i), (ii) & (iii) .
- **30.** Rohit has secured 55% marks in Computer Science in graduation. He has passed his Secondary Examination with 65% marks and Highter Secondary Examination with 60% marks.
 - (1) eligible under (i) and (ii)
 - (2) eligible under (i), (ii) and (iv)
 - (3) eligible under (ii), (iii) and (iv)
 - (4) eligible under (i), (ii), (iii) and (iv).

Ans. [3]

Sol. In the given statement Rohit is eligible under (ii), (iii) & (iv)

Questions(31 - 32)

Direction : In Question Nos. 31 and 32 there are two sets on figures. One set contains problem-figures while the other has answer-figures. There is a sequence according to which the problem-figures are arranged. You have to select one figure from the set of answer-figures which can be placed in sequence after the set of problem-figures. Find out the correct figure.

21	Problem-figures			Answer-figures				
31.	•	+		-	•	4	•	<u>•</u>
	L				(1)	(2)	(3)	(4)

Ans. [4]

Sol. In the series in moving one step ahead in anticlockwise direction & parabola is changing upward to downward in first step at same place & moving ahead in next step. So follow the rule & get answer(4)

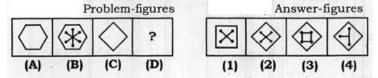
32.	Problem-figures	Answer-figures			
	XXXX	XXXX			
		(1) (2) (3) (4)			

Ans. [1]

- **Sol.** Dark place is moving two box in clockwise direction & then there box in same direction or moving 90° clockwise in one step & 135° clockwise in next step.
- **33.** Two sets of the figures are given in the question. Figures A, B, C, and D are problem-figures and figures 1,2,3 and 4 are answer-figures. There is a definite relationship between figures A and B. Establish a similar relationship between C and D by choosing a figure D from the answer-figures.

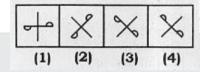






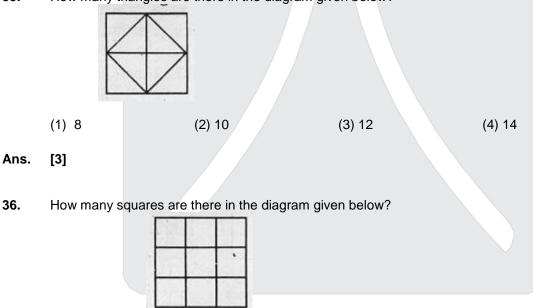
Ans. [2]

- Inner lines are in the middle of outer boundary. Sol.
- 34. In the question there are four figures given. One of them does not correlate with the rest of the figures. Find out the odd figure.



Ans. [4]

- Sol. Semi circles are in same direction in option.
- 35. How many triangles are there in the diagram given below?



(1) 14

Ē

Ans. [1]

36.

37. Mirror image of **PROPER** is REPORP (1) PROPER (2) REPORP (3) PROPER (4)Ans. [2]

38. The mirror image of the given figure (X) from the following four alternatives is

(2) 13

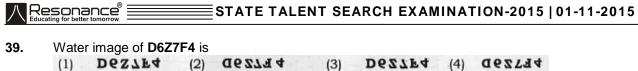
X)	(1)	(2)	

Ans. [3]

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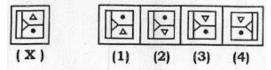
(3) 10

(4) 9



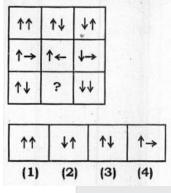
55.									
	(1)	D627F4	(2)	4 F75 3 D	(3)	D627F4	(4)	d62734	
Ans.	[3]								

40. The water image of the given figure(X) from the four following alternatives is



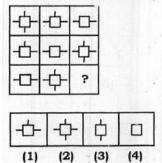


41. Which is the alternative that completes the figure matrix?

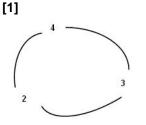


Ans. [1]

- When we observe the figure colomn wise, we get find arrow is constant through column & next is Sol. moving in clock wise direction at 90°.
- 42. Which is the alternative that completes the figure matrix?



Ans.

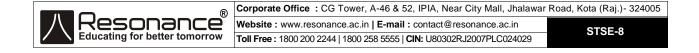


Sol.

- Observe the figure column wise & count the outer line in cycle order. 43. A cube is painted on all of its surfaces and then divided into 64 equal smaller cubes. How many
- smaller cubes will not have been coloured on all the surfaces? (1) 24 (2) 16 (3) 8

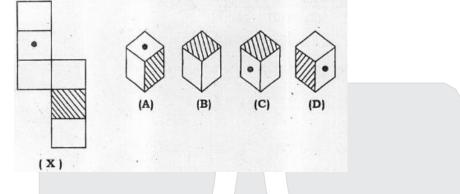
Ans. [3]

There are only 8 cubs which are not painted at all. Sol.



(4) 0

44. Choose from alternatives, the box that will be formed when figure (X) is folded :

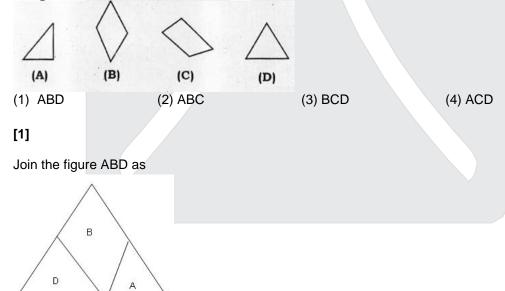


Ans. [3]

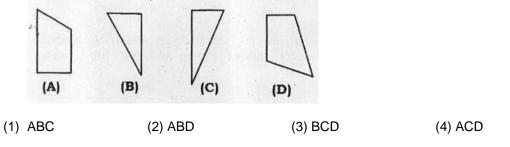
Ans.

Sol.

- **Sol.** By options only option 3 fits the solutions' X.
- **45.** Four figures A, B, C and D are given in the question. Which of the three figures will form a triangle?



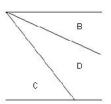
46. Four figures A, B, C and D are given in the question. Which of the three figures will form a square?



Ans. [3]

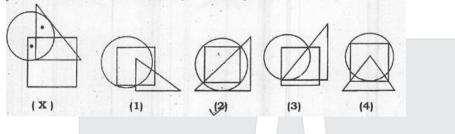






Resonance

47. In the given figure X, the position in which dot is placed can appear in the same pattern in which of the following answer-figures?



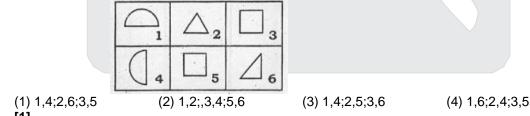
Ans. [2]

48. Which correct answer-figure will be formed by joining the parts of the figure X?

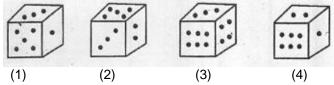
	ſ	М	\sum	Б
(X)	(1)	(2)	(3)	(4)~

Ans. [3]

49. Which of the following alternatives represents group of similar figure?



- Ans. [1]
- **50.** Choose right alternative of the following if total sum of numbers of opposite faces of a dice always remains 7 :



Ans. [1]

Sol. Rest have no. of dots on their ad Jaent faces whose some is (7) hence only option (1) is correct.



