

NTSE (STAGE-II) TEST SERIES MENTAL ABILITY TEST (MAT)

TEST #1

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1. Duration of Test is **120 Minutes** and Questions Paper Contains **100 Questions**. Total Marks are **100**.
- 2. Answers are to be given on a separate OMR sheet.
- 3. There are 100 questions in this test. All are compulsory.
- 4. Please follow the instructions given on the OMR sheet for marking the answers.
- 5. Mark your answers for questions 1–100 on the OMR sheet by darkening the circles.
- 6. Every correct answer will be awarded one mark. THERE IS NO NEGATIVE MARKING.
- 7. If you do not know the answer to any question, do not waste time on it and pass on to the next one. Time permitting, you can come back to the questions, which you have left in the first instance and attempt them.
- 8. Since the time allotted for this question paper is very limited you should make the best use of it by not spending too much time on any one question.
- 9. Rough work can be done anywhere in the booklet but not on the OMR sheet/loose paper.
- 10. Please return the OMR sheet to the invigilator after the test.

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Your Hard Work Leads to Strong Foundation

	STAGE-II)	МАТ
HAVE CONTROL \longrightarrow HAVE PATIENCE —	\rightarrow HAVE CONFIDENCE \Rightarrow 100%	SUCCESS
 Three messages were received from Mars. "Avion Balcon Sondor," which was translated to "Serious Spaceship Fumes." "Mayar Pulgar Avion," which was translated to "Serious Atmosphere Particles." "Balcon Roctos Vivand," which was translated to "Dangerous Liquid Fumes." What would the word SONDOR mean ? 	 4. Lokesh's school bus is facing N reaches his school. After starting house, it turns twice right and the reaching the school. What direct bus facing when it left the bus st Lokesh's house? (1) North (2) Sout (3) East (4) West 5. A watch reads 4 : 30. If the minu East, in what direction will the school wil	from Lokesh's nen left before ction was the cop in front of th t te hand points
 (3) Atmosphere (4) Spaceship 2. The following characteristics apply to a group of people in a room: Fourteen are blonds, eight are blue-eyed, and two are neither blond nor blue-eyed. If five of the people are blue-eyed 	 point ? (1) North (2) North (3) South-East (4) North 6. One evening before Sunset two and Mohit were talking to each 	th-East friends Sumit
 blonds, how many people are in the room ? (1) 3 (2) 17 (3) 19 (4) 24 3. An electrical circuit for a set of 4 lights depends on a system of switches A, B, C and D. When 	 face. If Mohit's shadow was exact side, which direction was Sumit (1) North (2) South (3) West 7. This morning, while Katrina was her college bus stop, she saw her side stop. 	facing ? t (4) East s waiting near
these switches work they have the following effect on the lights: They each change the state of two lights (i.e. on becomes off and off becomes on). The lights that each switch controls are as follows. $\boxed{\begin{array}{c c} A & B & C & D\\\hline 1 & and & 2 & 2 & and & 4 & 1 & and & 3 & & 3 & and & 4 \\\hline\end{array}}$	going on a bike with Salman on of the road. She was shading off with her left hand and her rig pointing towards Katrina. In whic Anushaka was Katrina standing (1) West (2) Sout	the other side the Sun's rays ght hand was ch direction of ?
		ying a bridge ound a square East. Persons tot of the same South. Which h and East
$\begin{array}{c} \bullet \\ \hline 3 \\ \hline 4 \\ \hline \end{array} \\ \hline \\ \hline \\ 4 \\ \hline \\ 1 \\ \hline \\ 1 \\ 1 \\ \hline \\ 1 \\ 1 \\ \hline \\ 1 \\ 1$	 (3) North and East (4) North Directions (Q.9 to Q.13) : Write whith sequence replaces the question mark (4) 9. 200, 200, 205, 195, 215, 185, 2 (1) 125, 275 (2) 275, (3) 265, 145 (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 295, (4) 2	?). 35, 165, ?, ? 125
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		STAGE-II) MAT		
 10. 11. 12. 13. 14. 	Retriction Retriction 840, 168, 42, 14, 7, ? (1) 7 (2) 9 (3) 5 (4) 2 111, 129, 183, 345, 831, ? (1) 2389 (2) 2379 (3) 2229 (4) 2289 163, 167, 142, 147, 111, 117, ?, 75 (1) 96 (2) 68 (3) 78 (4) 92 0, 14, 78, 252, ? (1) 448 (2) 620 (3) 636 (4) 576 Suppose you have a 12-hour digital clock	 STAGE-II) MAT 19. What can we infer from the following statement ? "Since every child I know likes ice cream, Mike must also like ice cream." The speaker doesn't know many children. Mike is a child. Mike likes anything sweet. The speaker is a good friend of Mike's. 20. What letter is two letters to the right of the letter two letters above the letter four letters to the left of the letter Z ? A B C D E 		
15.	where the number representing the hour is always the same as the number representing the minute. That is, the clock can only show times like 8:08, 9:09, 10:10, etc. What is the smallest time difference between two such times ? (1) 101 minutes (2) 61 minutes (3) 60 minutes (4) 49 minutes A watch showed 5 past 5 o'clock on Wednesday evening when the correct time was 5:00 PM. It loses uniformly, and was 5 min slow after two days at 7:00 PM. When did the watch show the correct time ? (1) Thursday 6:00 AM	F G H I J \overline{K} L M N O P Q R S T U V W X Y Z (1) P (2) S (3) N (4) R 21. Which is the missing tile from alternative ? \overline{O} \overline{O} \overline{O} \overline{O} \overline{O} \overline{O} \overline{O} \overline{O} \overline{O} \overline{O}		
16. 17.	 (2) Thursday 6:00 PM (3) Thursday 6:30 PM (4) Thursday 5:00 AM What is the angle between the two hands of a clock at 8 hr 20 min ? (1) 110° (2) 120° (3) 130° (4) 140° A clock is set to show the correct time at 12:00 noon. Immediately, due to some mechanical defect, both the minute hand and the hour hand started moving in the reverse direction (anticlockwise direction). What is the correct time when this clock shows 8:25 ? 	(1) (2) (3) (4) 22. Find the starting point and visit every square once each to finish at the treasure marked T ? (Note – 1N 2W means 1 North, 2 West.) $\frac{15 1E 25 1E 2W 1S}{15 1E 1E 1N 1W 1N}$ $\frac{1N 2E T 2N 2W}{N}$		

(1) 4:25 (2) 3:25 (3) 3:35 (4) 4:35

How many times do the hands of a clock make 18. an angle of 90° in 36 hr ?

> (2) 44 (3) 66 (4) 72 (1) 22

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(1) 1S 1E

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S

W-

E

(2) 1E 1N (3) 1N 2E (4) 2N 2W

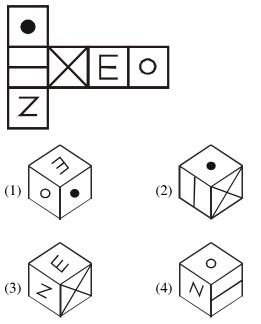
		NTSE (STAGE-II) MAT		
23.	father is the c	a man Asha said, "His brother's only son of my grand father". How ed to the man ?	27. Chandigarh is the home town of(1) Sumeet(2) Bishan		
	 (1) Mother (3) Sister 	(2) Aunt(4) Daughter	(3) Wasim (4) Philips28. Who is the pace bowler ?		
24.	means A is the	ans A is the brother of B, A – B ne father of B, A × B means A is , then $P × R - S + T$ means nother of T	 (1) Chetan (2) Wasim (3) Sumeet (4) Bishan 29. Who is the spinner ? (1) Philips (2) Chetan 		
	(2) T is the s		(1) Finips (2) Critical (3) Bishan (4) Wasim 30. Chetan's home town is		
	(4) T and R a	are sisters	(1) Pune (2) Surat		
25.	P is sister of	s, P is Husband of Q, P \div Q means, Q and P \times Q means, P is son of Q means A is daughter of B	(3) Warangal(4) BangaloreDirections : (Q.31 to Q.33) Read the following information carefully to answer the given questions :		
	. –	(4) $A \div D \times B$ to Q.30) : Read the following	following is an illustration of input and		
follo	•	elow to answer the questions that	rearrangement.		
playe town Chan slots Batsr	ers of the Colle as are Surat, I adigarh but not of Spinner, man and Capta	asim, Bishan and Chetan are five ege Cricket Team and their home Pune, Warangal, Bangalore and in that order. The five specialists Pace Bowler, Wicket Keeper, in are held by them, again not in ames stated above.	Input: goal6357home five task8217Step I: 82goal6357home five task17Step II: 82fivegoal6357home task17Step III: 82five63goal57home task17Step IV: 82five63goal57home task17Step IV: 82five63goal57home17taskAnd Step IVis the last output.IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
I.	Their names,	home towns and specialities do the same letter.	As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.		
II.		ps nor Wasim is the captain and elong to either Surat or Bangalore.	31. Step III of an input is : 81 boat 73 wheel spike dancer 32 59		
III.	Sumeet is r batsman.	neither a wicket keeper nor a	How many more steps are required to complete the rearrangement ?		
IV.	Pune is not H	Bishan's home town.	(1) Two (2) Three (3) Four (4) Five		
V.	The players wicket keepe	who hails from Bangalore is a r.	32. Step II of an input is : 67 cat 12 25 dog fight man 42.		
VI.	-	s home town is Pune while the not hail from Warangal.	Which of the following will be Step V ?(1) 67 cat 42 dog 25 fight 12 man		
26.	The spinner's	s home town is	(2) 67 cat 42 dog 25 12 fight man		
	(1) Chandiga	-	(3) 67 cat 42 dog 12 25 fight man (4) 67 cat 42 12 25 dog fight man		
	(3) Warangal	(4) Pune	(4) 67 cat 42 12 25 dog fight man		

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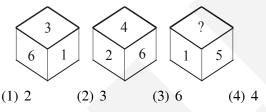
Constant and Sec.		NTSE (STAGE-II)		
33.	Input : world 23 new 47 major 13 62 desk	Directions (Q.40 to Q.42) : In each of the following		
	Which of the following will be Step V for the	questions, a word is represented by	only one set of	
	above input ?	numbers as given in any one of the		
	(1) 62 desk 47 major world 23 new 13	sets of numbers given in the		
	(2) 62 desk 47 world 23 new major 13	represented by two classes of alphab given matrices. The columns and a		
	(3) 62 desk 47 major 23 world new 13	are numbered from 0 to 4 and those		
	(4) 62 desk 47 major 23 new world 13	5 to 9. A letter from these matrices c		
34.	In a certain code language, if the word	first by its row and then the column	-	
	LOYALITY is coded as B6 M2 E5 A0 D3 C6 J2	the matrices for questions, S can b	e represented by	
	S6, then how will you code the word BOKARO ?	21, 14, etc; O can be represented	by 75, 68, etc.	
	(1) A2 G8 K1 A0 I2 K5	Similarly you have to identify the c	correct set for the	
	(2) A2 F9 K1 A0 B9 K4	word given in each question.		
	(3) A2 L3 K1 A0 I9 K4		atrix II	
	(4) A2 H7 K1 A0 D4 K4		6 7 8 9 D K L	
35.	If BEATEN is coded as DHEYKU, how can be	0 A E S T H 5 P 0 1 T H A E S 6 K 1	DRKL LPOR	
	CORNER be coded		R K L P	
	(1) ERVSKZ (2) ERVSKX		PORK	
	(3) ERUSKY (4) ERVSKY	4 S T H A E 9 R I	K L P O	
36.	In a certain code, A is written as 1 , B is 10 , C is 11 , D is 100 , E is 101 and so on. Than how is	40. EAST		
	TRY code in that language ?	(1) 44, 32, 21, 03 (2) 3	2, 31, 02, 04	
	(1) 10100 10010 11110	(3) 20, 43, 33, 11 (4) 1	3, 12, 14, 10	
	(2) 10100 10010 10110	41. LEST		
	(3) 10100 10010 11001		7, 32, 21, 31	
	(4) 10100 10010 10000		6, 00, 20, 34	
Dire	ections ($Q.37 \& Q.38$) : In a certain code	42. SOLE	2 00 66 44	
	Lage, PAM BAM RAM means ROSE IS RED,		3, 99, 66, 44 2, 78, 87, 13	
	A TAM SAM means GRASS IS GREEN, BAM	43. If nobody loves nobody,		
	A GAM means RED THICK BLOOD and GAM	following must be true ?		
	YAM means BLOOD IS THICK.	I. Everybody loves somebod	у.	
37.	What is the code for GREEN BLOOD ?	II. Somebody loves somebody	ly.	
	(1) TAM GAM (2) SAM GAM	III. Nobody loves anybody.		
• •	(3) SAM YAM (4) None	(1) I only (2) I	I only	
38.	What is the code of RED ?	(3) III only (4) I	and II only	
	(1) PAM (2) RAM	44. On the basis of the four po	sitions of a dice	
	(3) BAM (4) YAM	given below find the colour of	the face opposite	
39.	If rains is called pink, pink is called cloud,	'Yellow'?	•	
	cloud is called water, water is called breeze and breeze is called moon, what do you wash	Yellow Green Blue	e Red	
	your hands with ?		rellow there pink	
	(1) Water (2) Rain	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 180	
	(3) Breeze (4) Moon	(1) Indigo (2) Red (3) F	Pink (4) Blue	
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45. When the above is folded to form a cube, which is the only one of the following that can be produced ?



46. On the basis of the following figures you have to tell which number will come in place of '?'.



Direction (Q.47 to Q.50) : A cube is painted red on two adjacent surfaces and black on the surfaces opposite to red surfaces and green on the remaining faces. Now the cube is cut into sixty four smaller cubes of equal size.

47. How many smaller cubes have only one surface painted ?

- **48.** How many smaller cubes will have no surface painted ?
 - (1) 0 (2) 4 (3) 8
- **49.** How many smaller cubes have less than three surfaces painted ?
 - (1) 8 (2) 24 (3) 28 (4) 48
- **50.** How many smaller cubes have three surfaces painted ?

(1) 4 (2) 8 (3) 16 (4) 24

Find the term which exhibits similar relations with the term in the right side of (: :). 3:24::5:? 51. (1) 120 (2) 45 (3) 124 (4) 27 3:24::5:? 52. (1) 115(2) 122 (3) 127 (4) 130 53. ACF : EDG : : IEH : ? (1) NFI (2) MDG (3) OFI (4) LMN 54. GERM : MERG : : STAR : ? (1) TSRA (2) RTSA (3) RTAS (4) TARS Fruit : Banana : : Mammal : ? 55. (1) Snake (2) Whale (3) Sparrow (4) Shark 56. I run along the sides of a square field ABCD where C is to the North-East of A and D is to the South-East of B. Starting from A in anticlockwise direction, in which direction shall I be running after crossing C ? (1) East (2) West (3) North (4) South If the letters of the word ARTICULATES can 57. be used as many times as one wants to use, then which one of the following four words cannot be formed ? (2) ELECTRIC (1) ARTICLE (4) COURTS (3) LATER 58. Number of letters skipped in between the

Directions (Q.51 to Q.55) : In each of the following

questions contains a pair of terms on the left side of

(: :), which exhibit a certain relation between them.

- adjacent letters are increased by one. Which of the following alternative observe this rule ?
 - (1) ACFJQ (2) KMPTY
 - (3) HQXCF (4) AELPZ
- 59. Which of the following will be the value of the expression : $\frac{(6+6+6+6)\div 6}{4+4+4+4\div 4}$

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(3) $\frac{4}{13}$ (4) $3\frac{6}{13}$

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(4) 16

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60. 61.	CAREER INSTITUTEWhich of the following will be the value of the expression $-1001 \div 11$ of 13×3 (1) 7(2) 21(3) 143(4) None of theseIf 'when' means 'x', 'you' means '÷', 'come' means '-' and 'will' means '+', then what will be the value of "8 when 12 will 16 you 2 come 	66. 67.	 Your friends like smoking and influence you to do the same. You will (1) smoke only because your friends are smoking (2) refuse to smoke (3) smoke but only in their presence (4) refuse and lie to them that you have asthma You are alone in the house and your sister-in-law is suddenly experiencing labour pains. You (1) would definitely get upset and do not know what is the right step
ques	tions some relations are written by particular ators as shown below – × = Greater than; □ = Not less than; ÷ = Not equal to;	68.	(2) go out of the house to call your family doctor(3) walk her to the nearest hospital(4) call an ambulance for emergencyYou have made some silly mistakes which have been pointed out to you. You will
	$\phi = \text{Equal to;}$ + = Not greater than; $\Delta = \text{Less than.}$ Find out the correct answer for each question.	69.	 (1) laugh it away (2) get angry (3) feel miserable (4) feel thankful If someone approaches you with an offer of giving out the secrets of the organisation you work in, in exchange for a higher position in another organisation, you would
62. 63.	If $x \Delta y \div z$, it is not possible – (1) $x \div y \phi z$ (2) $x + y \times z$ (3) $x \div y \times z$ (4) $x \Delta y \Box z$ If $x \Box y \Box z$, it is not possible – (1) $x \phi y \div z$ (2) $x \div y + z$	70.	 (1) be in a state of dilemma (2) ask for time to think (3) immediately say yes (4) immediately say no Your friend has not invited you to his marriage party. You will (1) hold it against him
64. 65.	(3) $x + y \Box z$ (4) $x + y \Delta z$ If $x \phi y \times z$, it is possible – (1) $x \times y \Delta z$ (2) $x \phi y + z$ (3) $x \phi y \Box z$ (4) $x \Delta y \div z$ If the following four statements are presented, which one of them is true ?	71.	 (2) attend the ceremony (3) send him your best wishes (4) ignore the whole affair In a queue of boys Sohan is 9th from the back. Ramesh's place is 8th from the front. Radhey is standing in the middle of the two. What could be the minimum number of boys standing in the queue ?
	 (1) The number of false statements here is one. (2) The number of false statements here is two. (3) The number of false statements here is three. (4) The number of false statements here is four. 	72.	(1) 8(2) 10(3) 12(4) 14In a queue, Ramesh is the 7th from the back, Suresh is standing 6th from the front and only Shyam is standing in between the two. Find the minimum number of boys standing in the queue ?(1) 8(2) 10(3) 12(4) 14

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Direction (Q.73 to Q.75) : In each of the following questions, three statements are given followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

73. Statements :

All tigers are jungles.

No jungles are birds.

Some birds are rains.

Conclusions :

- I. No rain is jungle.
- II. Some rains are jungles.
- III. No birds is tiger.
- (1) Only I and II follow
- (2) Only III follows
- (3) Only either I or II, and III follow
- (4) Only II follows

74. Statements :

- All flowers are toys.
- Some toys are trees.
- Some angles are trees.

Conclusions :

- I. Some angles are toys.
- II. Some trees are flowers.
- III. Some flowers are angles.
- (1) None follows
- (2) Only III follows
- (3) Only I follow
- (4) Only II follows

75. Statements :

- All trains are buses.
- No room is bus.
- All boats are rooms.
- Conclusions :
- I. No boat is train.
- II. No bus is boat.
- III. No train is room.

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- (2) Only II and III follows
- (3) Only I and II follow
- (4) All follows

Directions (Q.76 to Q.80) : In each of the following figures, numbers/letters are written according to some patterns and one number/letter is missing, shown by question mark. Find the missing number/letter that replaces the question mark.

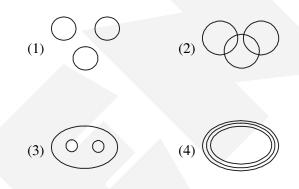
76.	6 21 36 9 45 81 7 ? 49			
	(1) 32 (2) 2	28	(3) 35	(4) 56
77.	$24 \underbrace{\binom{16}{8}}_{4} 20 $ 81	$\underbrace{16}_{12}_{11}_{3}$	6 64	25 ? 49 31
	(1) 11 (2)	13	(3) 15	(4) 17
78.		$\frac{1}{6}$	$\frac{5}{2}$	2
	(1) 13 (2)	17	(3) 24	(4) 30
79.	$4 \underbrace{94}_{7} \underbrace{94}_{5}^{2} \underbrace{2}_{4}$	3 2 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 3 2 3 3 2 3 3 3 3 3 3 3 3 3 3	\sum_{8}^{3}	
	(1) 178 (2) 8	871	(3) 187	(4) 781
80.	4	9 8 7 6 4		13 5 ?
	(1) 3 (2) 8	3	(3) 7	(4) 5
81.	Mohini went to t goes to the mov day of the week	vies only	y on Th	
	(1) Thursday		(2) Satu	rday
	(3) Sunday		(4) Tues	day

82. A tailor had a number of shirt pieces to cut from a roll of fabric. He cut each roll of equal length into 10 pieces. He cut at the rate of 45 cuts a minute. How many rolls would be cut in 24 minutes?

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- (1) 32 rolls (2) 54 rolls
- (3) 108 rolls (4) 120 rolls
- 83. In a group of persons travelling in a bus, 6 persons can speak French, 15 can speak Spanish and 6 can speak English. In that group, none can speak any other language. If 2 persons in the group can speak two languages and one person can speak all the three languages, then how many persons are there in the group?
 - (1) 21 (2) 22 (3) 23 (4) 24
- **84.** A soldier has been captured by the enemy. He is so brave that they offer to let him choose how he wants to be killed. They tell him, "If you tell a lie you will be shot, and if you tell the truth you will be hanged." He can only make one statement. He makes a statement and goes free. What could he have said ?
 - (1) "I will be hanged."
 - (2) "I will be shot."
 - (3) "I will not be shot or be hanged."
 - (4) "I will be shot or be hanged."
- **85.** At the end of a business conference the ten people present all shake hands with each other once. How many handshakes will there be altogether ?
 - (1) 20 (2) 45 (3) 55 (4) 90

Directions (Q.86 to Q.90) : Given below are five diagrams, one of which describes the relationship among the three classes given in each of the five questions that follow .You have to decide, which of the diagrams is the most suitable for a particular set of classes. The number of that diagram is your answer.



- 86. Doctor, Engineer, Lawyer
- 87. Family, Son, Daughter
- 88. Mother, Nurse, Teacher
- 89. CD, CPU, Keyboard
- 90. Satna, Madya Pradesh, India

Direction (Q.91 to Q.95) : Find the odd term in the given questions :

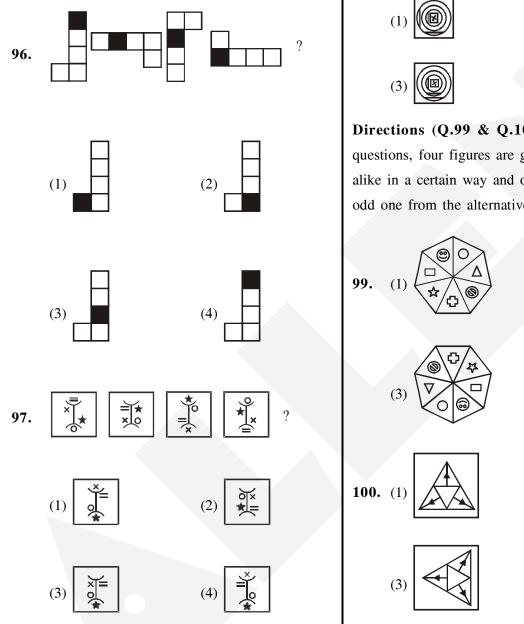
91. (2) Lira (1) Yen (3) Ounce (4) Pound 92. (1) DW (2) GT (3) KP (4) FR 93. (1) Y X V T (2) G E C A (3) V T R P (4) H F D B 94. (1) 232 (2) 362 (3) 661 (4) 284 95. (1) 37:7(2) 82 : 10 (3) 168 : 13 (4) 197 : 15

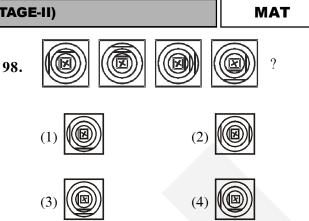
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Directions (Q.96 to Q.98) : In each of the following, there are some figure which have some particular series. Find out the next figure ?





Directions (Q.99 & Q.100) : In the following questions, four figures are given. Three of them are alike in a certain way and one is different. Find the odd one from the alternatives.

