

NATIONAL TALENT SEARCH EXAMINATION (NTSE-2020) STAGE -1 STATE : CHANDIGARH PAPER : MAT

Date: 03/11/2019

Max. Marks: 100

SOLUTIONS

Time allowed: 120 mins

Directions : Questions (1 to 5) : There is a number following a pattern, one blank is left, to fill the blank finds the number/word from give alternatives.



5.	AY, CW, EU, GS, _	•		
	(1) JO	(2) LN	(3) IQ	(4) DV
Ans.	(3)			
Sol.	AY, CW, EU, GS, IG	2		
Direc	ctions : Questions (6 to 10) : Three terms	s are alike in certain wa	ay the one different, Find that odd/Wrong/different
6 .	2, 12, 36, 80, 152, 2	252		
	(1) 252	(2) 152	(3) 12	(4) 40
Ans.	(2)			
Sol.	2, 12, 12, $1^2 + 1^3$ $2^2 + 2^3$	$\begin{array}{ccc} 36, & 80, \\ 3^2 + 3^3 & 4^2 + 4 \end{array}$	$152, 5^2 + 5^3 = 6^2$	$52 + 6^3$
7.	2, 3, 8, 27, 110, 565	ō		
	(1) 110	(2) 8	(3) 27	(4) 565
Ans.	(1)			
	×2+2	$\times 4 + 4 = 112$		
Sol.	2, 3, 8, 1	27, (110,) 565		
	×1+1 ×3+3	3		
8.	12, 14, 18, 26, 38, 6	50, 74		
	(1) 26	(2) 74	(3) 18	(4) 60
Ans.	(4)			
Sol.	12, 14, 18, 26, 38, 6	50,74		
	$12 = 12 + (1 \times 2) =$	= 14		
	$14 = 14 + (1 \times 4) =$	= 18		
	$18 = 18 + (1 \times 8) =$	= 26		
	$26 = 26 + (2 \times 6) =$	= 38		
0	$30 = 30 + (3 \times 0) =$	(2) KONIMI	(2) OSTUD	
9. Ans	(1) ALDEB	(2) NORME	(5) Q310K	
Sal	+4 -1 -1	-1		
001.	AEDC	В		
	K ⁺⁴ O ⁻¹ N ⁻¹ M	-1 L		
	+2 $+1$ $+1$ $+1$ $+1$ $+1$ $+1$ $+1$ $+1$	-3 R		
	+4 -1 -1	-1		
	HLKJ	Ι		

10.	(1) ANRYAAH	(2) DGRHAAIHCN	(3) ANHTAJASR	(4) BNJUAP
Ans.	(2)			
Sol.	(i) ANRYAAH - HAB	RYANA (STATE)		
	(ii) DGRHAAIHCN -	CHANDIGARH (U.T)	
	(iii) ANHTAJASR - F	RAJASTHAN (STATE)	
	(iv) BNJUAP - PUN	JAB (STATE)		
	(i), (iii) & (iv) are sta	tes only (ii) is UT.		
_	So option (2) is corre	ect		
Dire	ctions : Questions ((11 to 15) : Analyse t	the series and fill the ga	ар
11.	ababb	_bba		
A	(1) aabbaa	(2) abbbab (3) b	aaaab	(4) baaaba
Ans.	(4)			
Sol.	a-b a-b bb b a a a	b-a- b a		
12 .	aab caa bl	bc a b ca		
	(1) abaaba	(2) abaaab	(3) cbacaa	(4) abcbaa
Ans.	(2)			
Sol.	—aa b—c aa—b a b a	bc—a — b —ca a a b		
13.	bc bb aab			
	(1) ababc	(2) acacc	(3) aaccb	(4) babcc
Ans.	(4)			
Sol.	— b c — — b b — a a b a b c	b_ c		
14.	23 _ 4 _ 1 _ 53	341		
	(1) 514322	(2) 513242	(3) 254312	(4) 514225
Ans.	(4)			
Sol.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3-4 2 2 5		
15.	10 _ 2 _ 02 _ 02	22		
	(1) 2122	(2) 2121	(3) 2101	(4) 1022
Ans.	(2)			
Sol.	$\begin{array}{c} 10 - 2 - 0 & 2 0 & 2 \\ 1 & 0 & 2 & 2 \end{array}$	2 2		

Directions : Questions (16 to 20) : Two terms before sign : : have the relationship between them. Analyzing the relationship develop same kind of relationship among the terms after sign : : and answer among alternatives.

16.	321 : 12 : : 524 : ?			
	(1) 29	(2) 33	(3) 35	(4) 31
Ans.	(4)			
Sol.	321		524	
	(3-2) = 1		(5-2) = 3	
	(3-1) = 2		(5-4) = 1	
	(12)		(31)	
17.	23: 127::47:?			
	(1) 423	(2) 525	(3) 345	(4) 341
Ans.	(3)			
Sol.	23 : 127	47: 345		
	$5^2 - 2 5^3 + 2$	$7^2 - 2$ $7^3 + 2$		
18.	24:816::35:?			
	(1) 2527	(2) 2725	(3) 2716	(4) 618
Ans.	(2)			
Sol.	$2^3 = 8$ (816)	$3^3 = 27$ (2725)		
	$4^2 = 16$	$5^2 = 25$		
19.	XVR : WWS : : DXK	K:?		
	(1) LCY	(2) CYL	(3) YCL	(4) RLY
Ans.	(2)			
	X V R D	ХК		
Sol.	-1 +1 +1 -1	+1 +1		
	wws c	Y L		
20 .	RP:89::TH:?			
	(1) 104	(2) 420	(3) 410	(4) 424
Ans.	(3)			
<u>.</u>				
Sol.	18 16 20 8 R P T H (110		
	8 9 4 10	¥10)		
	(89) (410)			
	\smile			

4

	23	24	45		
21.	32	33	54		
	34	17	?		
	(1) 58		(2) 6	(3) 93	(4) 84

Directions : Questions (21) : Find the missing character



	23	24	48
Sol.	32	33	54
301.	34	17	?





(4) 62



Sol. Series of prime numbers.



24.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			
	(1) 10	(2) 8	(3) 112	(4) 124
Ans.	(2)			
Sol.	$(13 - 8) = 5^3 = 125$			
Direc	ctions : Questions (2	25 to 28) : Answer th	e questions based on o	diagram
25.	How manys squares	are there?		
	(1) 10	(2) 12	(3) 15	(14)
Ans.	(2)			
Sol.	On counting, the nur	mber of square $= 12$		
26 .	How many rectanges	are there excluding so	juares?	
	(1) 10	(2) 13	(3) 15	(4) 12
Ans.	(4)			
Sol.	On counting, the nur	nber of rectangles excl	uding squares = 12.	
27 .	How many triangles a	are in given figure?		
	(1) 56	(2) 57	(3) 54	(4) 43
Ans.	(3)			
Sol.	On counting, the nur	mber of triangles = 54		
28 .	How many straight li	nes are given in figure		
	(1) 10	(2) 12	(3) 14	(4) 16
Ans.	(3)			
Sol.	On counting, the nur	mber of straight lines =	= 14	

Directions : Questions (29 to 33) : According to code language words in the coloumn are given and their codes are given in column II, Decode the language and choose the correct code for the words in questions (29-35) among given alternatives.

Column I	Column II
LASER	inmcq
HEAVY	nstmz
WATER	hxqkm
PLANE	menfe
SHOCK	xlyzd
MIRTH	wzkaq
STONE	xnlke

29 .	Code for E				
	(1) n	(2) m	(3) q	(4) s	
Ans.	(Bonus)				
Sol.	Error in question, car	nnot predict the code :	for A and E.		
30. C	ode for A				
	(1) x	(2) z	(3) d	(4) m	
Ans.	(Bonus)				
31.	Code for S				
	(1) x	(2) 1	(3) c	(4) a	
Ans.	(2)				
Sol.	Look for the words h	aving letter 'S' in com	mon and also their co	des.	
	LASER - Inmcq				
	SHOCK - nlyzd				
	STONE - xnlke				
	$\therefore S \rightarrow l$				
32 .	Code for L				
	(1) m	(2) e	(3) c	(4) z	
Ans.	(3)				
Sol.	Following the same p	procedure as in Q. 31,	we get $L \rightarrow C$.		
33 .	Code for R				
	(1) z		(2) k	(3)1	(4) q
Ans.	(4)				
Sol.	Following the same p	procedure as in Q. 31,	we get $R \rightarrow Q$.		
34.	In a certain code lang faint'. Which of the fo	uage, 134 means 'Goo bllowing numerical syr	od and Tasty', 478 mea nbols stands for 'See'?	ns 'See Good Picture',	and 729 means 'Picture are
	(1) 4	(2) 2	(3) 7	(4) 8	
Ans.	(4)				
Sol.	134 good and tasty	(i)			
	478 see good picture	(ii)			
	729 picture are faint.	(iii)			
	Look for code of see, common in (ii) and (which can be predicte iii) therefore '7' stand	ed as 4 is common in (s for picture (as it is als	i) and (ii). There for 4 so common in (ii) and	stands for "Good" and 7 is l (iii) Therefore 8 stands for

'Sea'

Direction (35-37) Study the following information carefully and answer the questions that follows:

A, B, C, D, E, F & G are seven kids playing in the garden. They are wearing clothes of colours- black, blue, white, green, pink, yellow and brown. Out of seven, three are girls. No girl is wearing either black yellow or brown. D's sister F is wearing pink while he is wearing brown. A is wearing blue, while his sister B is not wearing green. E is wearing yellow, while his best friend G is a boy.

35. What colour is B wearing?

(1) Green	(2) Pink	(3) Brown	(4) None of these

Ans. (4)

Sol. (35-37)

		Boy/Girl	Black	Blue	White	Green	Pink	Yellow	Brown
	Α	Воу		Yes					
	В	Girl	No		Yes	No	No	No	No
	С	Girl	No			Yes			
	D	Boy							Yes
	E	Boy						Yes	
	F	Girl					Yes		
	G	Boy	Yes						
36.	What colou	ur is G wea	ring?						
	(1) Black		(2) Blue		(3) Wł	nite	(4)	Green	
Ans.	(1)								
37.	What colou	ur is C wea	ring?						
	(1) Black		(2) Greer	1	(3) Wł	nite	(4)	None of	these
Ans.	(2)								
Direc	tion: Find	the missing	g characte	er in ques	tions (38-	-39) such	that it fo	llows som	ne rule:
38.	Find the m	issing char	acter in q	uestions	that it fol	lows som	e rule:		
				$\overset{3}{\wedge}$		$\frac{4}{\Lambda}$		4 入	
				$/ \setminus$		$ \land $			
				287	/	3408 \		/ ? \	\backslash
			2	/	4 <u>3</u> ∠		$\Delta_5 \ 2 \square$		Δ_5
	(1) 3385		(2) 3395		(3) 34	12	(4)	297	
Ans.	(1)				0	4 5			
Sol.	$2^2 + 3^3 + 4$	$4^4 = 287,$	$3^3 + 4^4 - 2^4$	$+ 5^5 = 34$	408, 2 ² +	-4^4+5^5	= 3385		
	12		2	.0		28	、		
			-			0			
39.	4 216)8	5 13	331 3	0 9	?	$)^{27}$		
						$\overline{}$			
	د (1) 125		(2) 512		(3) 17	28	(4)	343	

Ans. (4)

Sol. (($(8 \div 4) + (12 \div 3))^3 =$	$=(6)^3 = 216$			
(($(30 \div 5) + (70 \div 4))^3$	$^{3} = (11)^{3} = 1331$			
(($(27 \div 9) + (28 \div 7))^3$	$3^{3} = 7^{3} = 343$			
40. <i>A</i>	At what time between 4 and 5 O'clock will are hands of clock coincides.				
((1) $32\frac{10}{11}$ minute particular	ast 4	(2) $21\frac{9}{11}$ minute pa	ast 4	
(3	(3) $21\frac{10}{11}$ minute particular	ast 4	(4) 22.5 mintue pas	t 4	
Ans. ((2)				
Sol. 7	To coincide minute	hand have to gain 2	0 minute. As 55 min	nute are gained in 60. Similarly 20 minutes are	
g	gained in $\frac{60}{55} \times 20 = -20$	$\frac{240}{11}$.			
	$\therefore 21\frac{9}{11}$ minutes pa	st 4.			
41. In in	ndia got independer n 2047.	nce on FRIDAY, Wha	t will be the day on wl	hich Indians will celebrate the independence day	
(1) Thursday	(2) Friday	(3) Sunday	(4) Tuesday	
Ans. ((1)				
Sol. 1	15 August 1947–15	5 August 2047. There	e will be hundred year	rs. Therefore counting odd days. The day will be	
1 0 U	Inursday.	h :. T d	.:11 1		
4Z . II	I Zna day of a mont	(2) Wedneedey	(2) The made a	(4) Friday	
(Ama ((1) Tuesday	(2) Wednesday	(3) Thursday	(4) Fhuay	
Ans. (
Sol.	1 2 3 4 5 M T W TH F	6 7 8 9 10 S S M T W	II IZ I3 I4 I5 TH F S S M	T W TH F S S M T W TH	
43. It	f G + I = 130 then 1	H + L will be equal to			
(1) 20	(2) 144	(3) 206	(4) 208	
Ans. ((4)				
Sol.	G + I = 130	H + L = 208			
7	$7^2 + 9^2 = 130$	$8^2 + 12^2 = 208$			
44. F	P and Q are married	l couple, R and S are	sisters. Q's son is S's	s father. How is P related to R?	
($(9) M_{-1}$	(3) Grandmother	(4) Father	
• •	1) Uncle	(Z) Mother	(J) Orandinomer		
Ans. (1) Uncle (3)	(2) Mother	() Orandmother		
Ans. (1) Uncle (3) P+Q	(2) Mother	(5) Grandmonier		
Ans. (I Sol.	1) Uncle (3) P+Q × 	(2) Mother	(5) Grandmonier		
Ans. (I Sol.	1) Uncle (3) P+Q \downarrow $S^{(-)} - R^{(-)}$	(2) Mother			
Ans. (F Sol. 45.	1) Uncle (3) P+Q I S ⁽⁻⁾ — R ⁽⁻⁾ Pointing to a boy, Ri	ita said "His father is t	my son's only son". F	How is the boy related to Rita?	

Sol.

S S Boy

- **46.** In a row, A is 8th from the left and B is 17th from the right. If they interchange their positions A becomes 14th from the left. How many persons are there in the row?
 - (1) 25 (2) 27 (3) 31 (4) 30

Ans. (4)

- **Sol.** Clearly the position of A is 14 from left and 17 from right. Therefore no. of persons are = 14 + 17 1 = 30
- **47.** Suresh left home for the bus stop 10 minutes earlier then the usual time and reached the bus stop at 9.25 a.m., he takes another 20 minute to reach office. If Suresh usually office 5 minutes before office time then at what time today he reached office?
 - (1) 9.00 am (2) 8.00 am (3) 10.00 am (4) 9.30 am

Ans. (Bonus)

Direction - Questions (48-51) are based upon the sum of addition, each letter has unique value and for unique value there is unique letter. If E = 4,

		$+ \frac{\text{THE}}{10000}$	
Value of S		<u>L055</u>	
(1) 4	(2) 2	(3) 5	(4) 6
(2)			
E = 4			
O = 0			
T = 8			
L = 1			
S = 2			
H = I			
(1) 3	(2) 6	(3) 9	(A) 7
(1) 3 (4)	(2)0	(3) 5	(4) 7
Refer to solution of (Q. 48		
Value of L			
(1) 4	(2) 3	(3) 1	(4) 2
(3)			
Refer to solution of 0	Q. 48		
Value of T			
(1) 8	(2) 9	(3) 7	(4) 2
(1) D ()	2.40		
Keter to solution of (J. 48		
	Value of S (1) 4 (2) E = 4 O = 0 T = 8 L = 1 S = 2 H = 7 Value of H (1) 3 (4) Refer to solution of C Value of L (1) 4 (3) Refer to solution of C Value of T (1) 8 (1) Refer to solution of C	Value of S (1) 4 (2) 2 (2) E = 4 O = 0 T = 8 L = 1 S = 2 H = 7 Value of H (1) 3 (2) 6 (4) Refer to solution of Q. 48 Value of L (1) 4 (2) 3 (3) Refer to solution of Q. 48 Value of T (1) 8 (2) 9 (1) Refer to solution of Q. 48	$LE I + \frac{THE}{LOSS}$ Value of S (1) 4 (2) 2 (3) 5 (2) E = 4 0 = 0 T = 8 L = 1 S = 2 H = 7 Value of H (1) 3 (2) 6 (3) 9 (4) Refer to solution of Q. 48 Value of L (1) 4 (2) 3 (3) 1 (3) Refer to solution of Q. 48 Value of T (1) 8 (2) 9 (3) 7 (1) Refer to solution of Q. 48

52. If NTSE = 58, NMMS = 59, then PSTSE = ? (3) 56 (4) 48 (1)79(2) 62 Ans. (1) **Sol.** NTSE = 14 + 20 + 19 + 5 = 58 NMMS = 14 + 13 + 13 + 19 = 59 \therefore PSTSE = 16 + 19 + 20 + 19 + 5 = 79 **53.** If OM = 195, HARI = 1296 then RAM = ? (1) 186 (2) 294 (3) 1392 (4) 234 Ans. (4) **Sol.** OM = 15 × 13 = 195 $HARI = 8 \times 1 \times 18 \times 9 = 1296$ \therefore RAM = 18 × 1 × 13 = 234 **Direction :** In questions (54-55) mathematical signs have no meaning. Find clue and target answer. $3 \times 4 \times 4 = 82$ $9 \times 3 \times 4 = 93$ 54. $7 \times 7 \times 7 = 89$ $5 \times 8 \times 7 = ?$ (1)95(2) 69 (3)86(4) 87 Ans. (2) **Sol.** $3 \times 4 \times 4 \Rightarrow (I + III) \times II$ Reversed = 82(I) (II) (III) = $(3 + 4) \times 4 = 7 \times 4 = 28$ $9 \times 3 \times 4 \Rightarrow (9 + 4) \times 3$ $= 13 \times 3 = 39$ Reversed = 93 $\therefore 5 \times 8 \times 7 \Rightarrow (5 + 7) \times 8$ $= 12 \times 8 = 96$ Reversed = 69**55.** 46 - 3 = 1264 - 9 = 12? -6 = 3(3) 28(4) 24 (1) 62(2) 43Ans. (3) **Sol.** 46 - 3 = 1246 = 12 + 3 $RHS \Rightarrow 12 + 3 = 15 \times 3 + 1$ = 45 + 1 = 46 = LHS64 - 9 = 1264 = 12 + 9 $RHS \Rightarrow 12 + 9 = 21 \times 3 + 1$ = 63 + 1 = 64 = LHS \therefore ? – 6 = 3 ? = 3 + 6 $RHS \Rightarrow 3 + 6 = 9 \times 3 + 1$ = 27 + 1 = 28 LHS.

Directions (56-58) : In the following questions three classes are given, out of the following four figures that follow, you are to indicate which figure will represent the relationship amongst the three classes .diagram



- 56. Beverages, Tea, Coffee
- Ans. (3)
- Sol. Since, Tea and coffee are both beverages
- **57.** Triangle, Rectangle, Polygon
- Ans. (3)
- **Sol.** Since, Triangle and rectangle are both polygons.
- **58.** Patiala, Punjab, Gujarat
- Ans. (4)

Sol. Since, Patiala is in Punjab and Gujrat is a separate state.

Direction - Six faces of a cube are painted in a manner that no two adjacent faces have the same colour. The three colours used are red, blue and green. The cube is cut into 36 cubes in a manner that 32 cubes are of smaller same size and 4 cubes are of bigger size. Each bigger cube hs no red face.

59. How many cubes in all have red face?

(1) 8	(2) 16	(3) 20	(1) 22
(1) 0	(2) 10	(3) 20	(4) 32

Ans. (4)

Sol. As observed in the figure, there are total 32 cubes in all have red face.



63. Rohit is facing west. He turns 45° in the anticlock wise direction and then 180° in the clockwise direction. Which direction is he facing now?

(3) East

(4) South-East

(1) North

(2) North-East

Ans. (2) 180° Sol. Rajan moves 3 metres in north direction then he moves 4 metres in east direction. How far is he from the starting **64**. point? (2) 5 meters (3) 4 meters (4) 1 meters (1) 7 meters Ans. (2) 4m В 3m Sol. $AB^{2} + BC^{2} = 4^{2} + 3^{2} = 16 + 9 = 25 = AC^{2}$ ∴ AC = 5 m 36 vehicles are parked in a single row. After the first car there is one scooter, after the second car there are two **65**. scootesr. After the third car there are three scooters. How many scooters are in the second half of the row? (1) 17(2) 15(3) 12(4) 10Ans. (2) **Sol.** Let the cars be represented by longer lines and scooters by smaller lines. Second half \therefore no. of scooters = 15. **66**. Which word cannot formed from RECOMENDABLE (2) MENDRECO (4) MOCABLE (1) COMENDOR (3) ABLEDGOR Ans. (3) **Sol.** ABLEDGOR can not be formed as it does not contain G. Mansavi wants to go to the market. She starts from her house which is in north and comes to the crossing. The **67**. road to her left ends in a park and straight ahead is the office complex. In which direction is the market? (1) East (4) South (2) North (3) West Ans. (3) Sol. House Crossing Straight Office complex

∴ Market is in west.

Direction (68-71) Study the following information and answer the given questions: In the following cases/questions in certain code language if

'+' means '+', '-' means '×', '×' means '+', '+' means '-'

68.	$8 + 2 \times 5 - 3 = ?$						
	(1) 27	(2) 15	(3) 19	(4) 47			
Ans.	(3)	(2) 10	(0) 19				
Sol.	$8 \div 2 + 5 \times 3$						
0011	$= 4 + 5 \times 3 = 4 + 10^{-10}$	15 = 19					
69	$0 2 \times 27 \pm 3 1 = 2$						
07.	$2 \times 27 + 0 = 1 =$	(2) 180	(3) 26	(4) None of these			
Ane	(1) -01	(2) 100	(0) 20	(4) None of these			
лііэ. С.1	(0)						
301.	$9 \times 2 + 2/ \div 3 - 1$		07				
	$= 9 \times 2 + 9 - 1 = 18 + 9 - 1 = 27 - 1 = 26$						
70.	$16 + 2 - 3 \div 1 = ?$						
	(1) –3	(2) 30	(3) 105	(4) None of these			
Ans.	(2)						
Sol.	$16 \div 2 \times 3 + 7 - 1$						
	$= 8 \times 3 + 7 - 1 = 24 + 7 - 1 = 31 - 1 = 30$						
71.	$49 + 7 - 5 \times 8 = ?$						
	(1) 16	(2) 22	(3) 43	(4) None of these			
Ans	(3)	(-)	(0) 10	(1)1.010 01 01000			
Sal	(0) $19 \pm 7 \times 5 \pm 8$						
001.	$-7 \times 5 + 8 - 25$	8 - 13					
	$-7 \times 3 \pm 6 = 33 \pm$	- 0 - 40					

Direction (Question 72-75): study the following information and answer the given question: In the following figure 'Rectangle represents Cricketers', 'Circle represents Young' and Triangle represents Singers':-

		Young DAE			
			G		
70	Which upgion uppuggo	nta varuna Crializataria v	Cricketers		
12.	which region represents young Cricketers who are not singers?				
	(1) B	(2) G	(3) C	(4) F	
Ans.	(3)				
73 .	Which region represents Old Cricketers who are not singers?				
	(1) B	(2) G	(3) F	(4) C	
Ans.	(2)				
74.	Which region represents Young people who are neither Cricketers nor Singers?				
	(1) A	(2) D	(3) B	(4) C	
Ans.	(2)				
75.	Which region represents Cricketers who are Singers but not young?				
	(1) E	(2) A	(3) C	(4) F	
Ans.	(4)				







Direction (78-79)-A piece of paper is folded and cut is made as shown below. From the given responses indicate how it will appear when opened?

78. Question Figure



Direction- Three figures marked I, II, III alve one fold at 1, 2nd fold at II and is cut in figure III. From among the four alternatives which will show the unfolded position of figure III.



? 81. (2)(3) (1)(4)Л Ans. (3) Sol. For position of \bigwedge Since it follows, \bigwedge \bigtriangledown So next figure will be 0 ? **82**. (2) (3) (1) (4) 7 Ans. (2)

Sol. Alternately arrows are upwards and downward. Also position of arrow will follow sequence.

16

Direction- In the following question, there are four question figure followed by the answer figures labelled as (1), (2), (3) and (4). The four question figure make comon series. Find the correct figures from answer figures which eill complete the series.



Ans. (4)

Sol. Figure A is rotated 90° anti-clockwise to form figure C. So rotate figure B to 90° anti-clockwise to obtain figure D.



Ans. (1)

Sol. B is mirror image of A, So (1) is mirror image of C.





Direction-Complete the given figure (X) among alternatives.



Sol. Mirror image of figure at left.



Ans. (1)

Sol. Clearly seen option (1) is correct.



Ans. (3)

Sol. Clearly seen option (3) is correct.

Direction : Find the water image of (X).



Direction - In questions, select among the alternative which satisfy the same condition of placement of dots as in the given figure (X).



Ans. (4 Sol. (

