

NTSE STAGE-II (2014)

CLASS-X [MAT]

HINTS & SOLUTIONS

ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	1	3	1	4	1	1	1	3	1	4	3	1	2	4	3
Ques.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	2	2	2	2	3	2	4	3	1	2	1	1	4	3	4
Ques.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	3	2	1	2	4	2	1	1	4	4	3	4	3	4	1
Ques.	46	47	48	49	50										
Ans.	3	4	4	2	4										

1. +51, +102, +153, +204,.....
Ans **520**

2. NAJ31, BEF28, RAM31, **RPA30**, YAM31
JANUARY 31 DAYS
FEBRUARY 28 DAYS
MARCH 31 DAYS
APRIL 30 DAYS....

7. $(8+3) \times (9-3) = 44$
 $(4+2) \times (12-3) = 54$
 $(10+6) \times (13-8) = 80$

8. $(7 \times 5 \times 12) \div 10 = 42$
 $(5 \times 6 \times 8) \div 10 = 24$
 $(9 \times 6 \times 15) \div 10 = 81$

14. $1^1 + 1 = 2$
 $2^2 + 2 = 6$
 $3^3 + 3 = 30$
 $4^4 + 4 = 260$
 $5^5 + 5 = \mathbf{3130}$

15. $2 \times 1 + 4 = 6$
 $6 \times 2 + 6 = 18$
 $18 \times 4 + 8 = \mathbf{80}$
 $80 \times 8 + 10 = 650$

17. FAST $(6^2 + 1^2 + 19^2 + 20^2) = 798$
LAST $(12^2 + 1^2 + 19^2 + 20^2) = 906$
BUSY $(2^2 + 21^2 + 19^2 + 25^2) = \mathbf{1431}$

30. $\begin{matrix} R & A & J & A & S & T & H & A & N \\ 9 & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup \\ & R & & J & & 8 & & (19+20) & 19 & H & 13 \\ & & & & & & & (S+T) & & & \end{matrix}$

Than MANIPUR = 14M13V11J9

31. By Difference's difference

32. $(2^2 + 3^2 + 4^2) - (1^2 + 5^2) = 3$
 $(7^2 + 8^2 + 9^2) - (6^2 + 10^2) = 58$

41. $7+2+3+5 = 19$
 $8+5+7+4 = 24$
 $6+4+3+5 = 18$

44. 953 (RVXYS) 28
All letter's position from back side
R - 9, V - 5, X - 3, Y - 2, S - 8
So, 714 (**TZWUV**) 65.

Resonance
Educating for better tomorrow

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CLASS-X [MAT]

HINTS & SOLUTIONS

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Ans.	2	2	2	2	3	2	4	3	1	2	1	1	4	3	4
Ques.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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FEBRUARY 28 DAYS
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7. $(8+3) \times (9-3) = 44$
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 $(10+6) \times (13-8) = 80$

8. $(7 \times 5 \times 12) \div 10 = 42$
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14. $1^1 + 1 = 2$
 $2^2 + 2 = 6$
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 $5^5 + 5 = \mathbf{3130}$

15. $2 \times 1 + 4 = 6$
 $6 \times 2 + 6 = 18$
 $18 \times 4 + 8 = \mathbf{80}$
 $80 \times 8 + 10 = 650$

17. FAST $(6^2 + 1^2 + 19^2 + 20^2) = 798$
LAST $(12^2 + 1^2 + 19^2 + 20^2) = 906$
BUSY $(2^2 + 21^2 + 19^2 + 25^2) = \mathbf{1431}$

30. $\begin{matrix} R & A & J & A & S & T & H & A & N \\ 9 & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup & \diagdown & \diagup \\ & R & & J & & 8 & & (19+20) & 19 & H & 13 \\ & & & & & & & (S+T) & & & \end{matrix}$

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Resonance

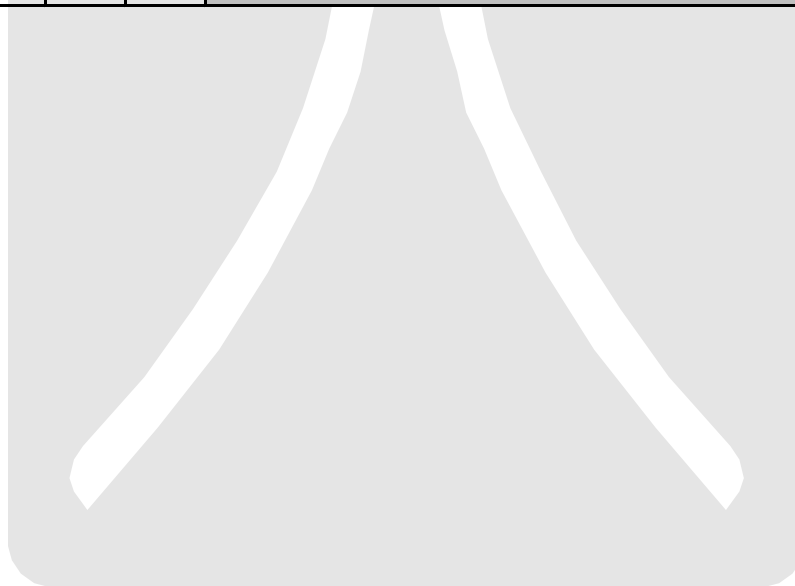
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NTSE STAGE-II (2014)
CLASS-X [LANGUAGE TEST]
ENGLISH

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	4	4	3	1	2	2	1	1	4	3	1	4	2	1	3
Ques.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	1	2	3	1	4	4	1	3	1	4	2	3	2	2	1
Ques.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	3	2	1	3	4	2	1	3	2	4	2	2	3	4	3
Ques.	46	47	48	49	50										
Ans.	2	3	1	3	4										

HINDI

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	4	4	3	1	2	2	1	1	4	3	1	4	2	1	3
Ques.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	1	2	3	1	4	4	1	3	2	4	2	3	1	2	1
Ques.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	3	2	1	3	4	2	1	3	2	4	2	2	3	2	3
Ques.	46	47	48	49	50										
Ans.	2	3	1	2	4										



Resonance
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