

NUMERICAL ABILITY

1 . Direction (Q. 1 - 10) : What value should come in place of question mark (?) in the following equations ?

1089/? = ?/1296			
A. 1188			1192
C. 1196		D.	1204
2 . 7.8% of 12.5 + 2.5% of 161 = ?	_		
A. 12			
C. 8		D.	5
3 . 7.8 x 4.5 x 4.2/0.14 = ?	_		
A. 42.84		B.	47.24
C. 64.64		D.	None of these
4 . 17580 x 1.8 - 13720 x 2.1 = ? x 2.4	_		
A. 1120			1140
C. 1160		D.	1180
5.5525 ÷ 17 = √?	_		
A. 93025		B.	99225
C. 105625		D.	112225
6 . 3√ 68921 = ?			
□ A. 41		B.	43
C. 47		D.	49
7 . 1051.64 - 159.42 - 96.84 + 162.37 -	940.26	6+	504 = ?
A. 517.49		B.	521.49
C. 527.49		D.	531.49
8 . (7) ³ ÷ (49) ⁻² x 343 = (7) [?]	_		
A. 4		B.	7
C. 10		D.	11
9 . √ 207.36 = ?			
□ A. 13.6		B.	13.8
C. 14.2		D.	14.4



10 68375 + 72848 - ? = 34346 + 49569

.

A.	54308	B.	55308
C.	56308	D.	57308

11 Direction (Q 11 - 20) : What value should come in place of question mark (?) in the . following equations ?

148 x 3.75 x 4 = 111 x ? □ **B.** 18.4 □ <u>A.</u> 12 □ <u>C.</u> 20 □ **D.** 21.6 12 732.96 + 405.38 - 604.08 - 105.44 + 222.86 = ? □ <u>A.</u> 641.68 □ **B.** 647.68 □ **D.** 655.68 □ **C.** 651.68 13 (164 x 175) x ? = 258300 □ <u>A.</u> 5 □ **B.** 9 **D.** 15 **C.** 12 14 {(742)² ÷ 36} ÷ 2 = ? □ <u>A.</u> 420.5 □ **B.** 422.5 □ **D.** 427.5 **C.** 424.5 15 34 3/7% of 805 + 27 1/3% of 864 = ? . □ <u>A.</u> 497.27 □ **B.** 513.31 □ **C.** 522.46 **D.** 526.38 16 √**9216** + √**15376** = ? □ <u>A.</u> 216 **B.** 220 □ **C.** 224 **D.** 228 17 63.602 + 153.756 + 94.754 - 84.321 - 122.204 = ? □ A. 141.587 □ **B.** 137.637 □ **D.** 131.627 **C.** 133.987



18 93296 - 45874 + 20382 - 56817 = ? . □ <u>A.</u> 10387 □ **B.** 10587 □ **D.** 10987 □ **C.** 10787 19 65 x 288 ÷ 52 = 1.8 x ? . □ <u>A</u>. 200 **□ B.** 210 **C.** 240 **D.** 250 20 1260 x 1.45 - 888 x 1.75 = ? . □ <u>A</u>. 253 **□ B.** 263 **D.** 283 **C.** 273

21 Direction (Q. 1 - 5) : What value should come in place of question mark (?) in the . following equations ?

-		3144 = ? x 15					
		112		B.			
	C.	136		D.	148		
22 (18	x 22) - 84/(32 x 45) ÷ 24 = ?					
	A.	5.2		B.	5.4		
	C.	5.6		D.	5.8		
23 (28)	²⁶ X	$(21952)^{-8} \div 1/(28)^{-1} = ?$					
	A.	(28)-2		B.	(28)-1		
\checkmark	C.	28		D.	(28)2		
24 7.14	x 1	.26/0.17 x 4.2 x 1.8 = ?					
	A.	3		B.	4		
	C.	5		D.	7		
25 8/17 of 408 + 11/13 of 338 = ?							
	A.	472		B.	474		
		476	_	D.			



26			ount of Rs 16871308 is distril nount would each person get :		ed ec	ually amongst 47 persons, how
		A.	Rs 356246		B.	Rs 357812
		C.	Rs 358904		D.	None of these
27	In h	ow r	nany different ways can the le	ette	rs of	word "SENTENCE" be arranged ?
•		A.	3360		B.	6720
			10080			5040
28			ll be the value of 4/5 of 3/8 o			
•		Α.	5024.2	V	B.	5266.8
			5478.4			5636.2
29	Whi	ch is	the smallest fractions among	the	e foll	owing ?
•		Α.	11/13		B.	13/15
			27/31			15/19
	the	num				12, and the difference between changing the two digits of the
		A.	93		B.	
		C.	84		D.	48
31			the average of the following n 5, 5819038, 4847211, 981574			
		A.	6721575		B.	6835185
	v	C.	6979515		D.	708445
32			ll be the next number in the fo ,56,90, 132, ?	ollov	wing	number series ?
		A.	172		B.	175
		C.	178	✓	D.	182
33		o of t	their ages will be 4:5. What is			at of B was 5:7. After 16 years the erence between the present ages
			14 years	◄	B.	16 years
			18 years			20 years



34 A shopkeeper sold a TV at 18% discount on print rate. If the customer paid . ?8856 forthe TV and the printed price is 20% more than its cost price, what is

the cost price of the TV ?

A.	Rs 8400	•	B.	Rs 9000
C.	Rs 9500		D.	Rs 10500

- 35 Ram, Rakesh and Vijay invested in the ratio of 3:5:6 in business. If the amount
- invested by Rakesh is ?75000, what is the total amount invested in the business ?
 A. Rs 1.8 lakh
 B. Rs 1.96 lakh
 C. Rs 2.1 lakh
 D. Rs 2.4 lakh

REASONING ABILITY

1 . 'CE' is related to HJ in the same way as PS is related to"''?									
П _{А.}	UW		в.	UX					
С.	TW		D.	тх					

2 . How many meaningful English words can be made with the letters RETU using each letter only once in each word ?

Α.	None	в.	One
с.	Two	D.	Three

3 .Pointing to a boy, Seema said, "He is the son of my grand father's only child." How is boy related to Seema ?

Α.	Brother	Β.	Cousin
С.	Sister	D.	Data inadequate

4 . A is older than B. C is younger than B. D is older than C but younger than B. Who among the four is the youngest ?

Α.	В	в.	D
с.	A	D.	С



5 In a certain code 'come home' is written as 'ta na' and 'nice little home' is written as 'ja na pa'. How is 'come' written in that code ?

Α.	ta	В.	na
C.	ja	D.	na or ta

6 In a certain code CHRONICLE is written as 'PSIDMFMDJ'. How is 'SEPTEMBER' . written in that code ?

Α.	UQFTFSFCN	в.	UQFTDSFCN
с.	UQFTESFCN	D.	SFCNDUQFT

7 . If '÷' mean ' - ' , ' - ' means '+', '+' means 'x' and 'x' means '÷' then the value of 17 + 5 - 75 ÷ 15 x 3 = ?

Α.	145	в.	150
С.	155	D.	140

8 . How many such pairs of letters are there in the word MARKETING each of which has as many letters between them in the word as in the English alphabet ?

Α.	None	В.	One
C.	Two	D.	Three

9 . Four of the following five are alike in a certain way and thus form a group. Which is the one that does not belong to that group ?

Α.	841	В.	961
с.	121	D.	221

10 How many such digits are there in 5321648 each of which is as far away from . the beginning of the number as when the digits are arranged in descending order within the number ?

Α.	None	В.	One
с.	Two	D.	Three

11 Direciton (Q. 1 - 5) : In each of the questions below are given three statements 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. Read all the



conclusions and decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Statements: Some tents are buildings. Some buildings are chairs. Some chairs are windows. Conclusions: I Some windows are buildings. II. Some windows are tents. III. Some chairs are tents.							
A. None follows		Only I and II follow					
C. Only II and III folllow	D	Only I and III follow					
12 Statements: All books are tables. All tables are chairs. All chairs are papers. Conclusions: I. Some tables are book II. Some papers are ta III. No table is a book.	bles.						
A. None follows	□ в.	Only I and III follow					
C. Only I and II follow	D.	All follow					
13 Statements: All boxes are hammers. Some hammers are wheels. All wheels are mirrors. Conclusions: I Some hammers are mirrors. II Some wheels are boxes. III. Some mirrors are boxes.							
A. All follow	□ В.	Only II follows					
C. Only I follows	D.	Only III follows					
14 Statements: All jackets are trousers. All trousers are shirts. Some shirts are hooks. Conclusions: I. Some shirts are jackets. II. Some trousers are jackets. III. Some hooks are shirts.							
Some shirts are hooks. Conclusions: I. Some shirts are jacke II. Some trousers are j	ackets.						
Some shirts are hooks. Conclusions: I. Some shirts are jacke II. Some trousers are j	ackets.	Only I and III follow					



5 .Statements: Some hotels are airports All airports are cameras Some cameras are caps Conclusions: I. Some caps are airport II. Some cameras are h III. No cap is an airport	.s. .otels.		
A. Only I or III and II follow		B.	Only II follows
C. Only I or III follows		D.	All follow

16 Direction (Q. 6 - 10) : Study the following arrangement carefully and answer the . questions given below:

W M 6 2 I # R 3 D E 8 D 9 % A 5 B \$ K P I J O H 7 @ F \$ 4 T N

How many such consonants are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a number ?

Α.	One	Β.	Two
С.	Three	D.	Four

17 Which of the following is the sixth to the right of the twelfth from the left end ?

Α.	\$	в.	В
с.	К	D.	Р

.

18 What should come in place of the question mark (?) in the following series based on the above arrangement ? M2# D89 5\$P ?

Α.	©7@	в.	©HF
с.	©7F	D.	©JH

19 Four of the following five are alike in a certain way based on their positions in . the above arrangement and so form a group. Which is the one that does not belong to that group ?

Α.	6IM	В.	3ER
C.	D%8	D.	H©@



20 How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a letter ?

Α.	None	В.	Two
С.	First	D.	Three

21 Direction (Q, 1 - 5): Each of the questions given below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

How is P related to Q? I. P is the only son of Q's mother-in-law. II. P's only daughter has only one brother, who is the son of Q.

B. if the data in statement II alone are A. if the data in statement I alone are sufficient to answer the question, while the sufficient to answer the question, while the data in statement II alone are not sufficient to data in statement I alone are not sufficient to answer the question. answer the question.

 \Box C. if the data either in statement I alone \square **D.** if the data in both the statements I or in statement II alone are sufficient to and II together are necessary to answer the answer the question. question.

22 Who among A, B, C and E is the heaviest ?

I. B is lighter than only E among them and A is lighter than C. II. E's weight is forty times the weight of C and fifty times the weight of A.

 \Box A. if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to data in statement I alone are not sufficient to answer the question.

c. if the data either in statement I alone \square or in statement II alone are sufficient to answer the question.

 \Box **B.** if the data in statement II alone are sufficient to answer the question, while the answer the question.

D. if the data even in both the statements I and II together are not sufficient to answer the question.

23 What does '7 ' stand for in a certain code ?

I '753' stands for ' D *B' and '539' stands for 'BD#' in that code. II. '427'stands for'JA*'and'214'stands for'A@J' in tha code.

A. if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to data in statement I alone are not sufficient to answer the question.

B. if the data in statement II alone are sufficient to answer the question, while the answer the question.



C. if the data either in statement I alone \square or in statement II alone are sufficient to answer the question.

D. if the data even in both the statements I and II together are not sufficient to answer the question.

24 In a row of thirty students, what is P's position from the right end ? I. P is third to the right of Q, who is twelfth from the right end ? II. R is fourteenth from the right end of the row and there are eight students between R and P.

A. if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to data in statement I alone are not sufficient to answer the guestion.

B. if the data in statement II alone are sufficient to answer the question, while the answer the question.

C. if the data either in statement I alone \square **D.** if the data even in both the or in statement II alone are sufficient to statements I and II together are not sufficient answer the question. to answer the question.

25 On which day of the week does Khushbu's birthday fall ?

- I Ram correctly remembers that Khushbu's birthday falls after Wednesday but before Sunday.
 - II. Raj correctly remembers that Khushbu's birthday falls before Friday but after Tuesday.
 - B. if the data in statement II alone are A. if the data in statement I alone are sufficient to answer the question, while the sufficient to answer the question, while the data in statement II alone are not sufficient to data in statement I alone are not sufficient to answer the question. answer the question.

C. if the data either in statement I alone \square **D.** if the data in both the statements I

or in statement II alone are sufficient to answer the question.

and II together are necessary to answer the question.

26 Direction (Q. 6 - 10) : In the following questions, the symbols #, S, %, \star , and @ are used with the following meaning as illustrated below:

- 'A#B' means 'A is not greater than B'
- 'A\$B' means 'A is neither smaller nor equal to B'
- ' A%B' means 'A is neither smaller nor greater than B'
- ' A \star B' means 'A is neither greater than nor equal to B'
- 'A@B' means 'A is not smaller than B'

Now, in each of the following questions, assuming the given statements to be true, find which of the two conclusions I and II given below them is/are definitely true and give your answers accordingly.

Statements: P # Q, Q % R, Conclusions: I. R @ P II. P # S



	SKILLED YOUTH FOR TOMORRO
A. if only conclusion I is true.	B. if only conclusion II is true.
C. if either conclusion I or II is true.	D. if neither conclusion I nor II is true.
27 Statements: A\$B, B@C, Conclusions: I.A@D II.D\$B	
A. if only conclusion I is true.	B. if only conclusion II is true.
C. if either conclusion I or II is true.	D. if neither conclusion I nor II is true.
28 Statements: W * X, X # Y, . Conclusions: I. W * Z II.W@Z	
A. if only conclusion I is true.	B. if only conclusion II is true.
C. if either conclusion I or II is true.	D. if neither conclusion I nor II is true.
29 Statements: N @ M, M \$ P, . Conclusions: I. K * N II.P@N	
A. if only conclusion I is true.	B. if only conclusion II is true.
C. if either conclusion I or II is true.	D. if neither conclusion I nor II is true.
30 Statements: G@H, H\$P, . Conclusions: I . T # G II.P#G	
A. if only conclusion I is true.	B. if only conclusion II is true.
C. if either conclusion I or II is true.	D. if neither conclusion I nor II is true.

31 Direction (Q. 1 - 5) : Study the following information carefully and answer the questions . given below:

 \vec{P} , Q, R, S, T, U and W are seven persons sitting around a circle facing the centre. R is fourth to the right of S, who is second to the right of T. P is third to the left of T. U is not an immediate neighbour of S. W is not an immediate neighbour of P.

Who is on the immediate left of W ? A. T B. S C. R D. U



32 Who is on the immediate right of U ?

		Α.	Ρ		в.	т	
		C.	R		D.	Q	
33.		w	/ho is third to the right of U ?				
		Α.	т		в.	w	
		C.	S		D.	Q	
34 V	Vho	is t	third to the right of W ?				
•							
		Α.	U		В.	Q	
		C.	R		D.	Р	
35 What is Q's position with respect to R ?							
•							
		Α.	Third to the right		В.	Fourth to the left	
		C.	Second from the right		D.	None of these	

ENGLISH LANGUAGE

1 .Direction (Q. 1 - 9) : Read the following passage carefully and answer the questions given below it.

Right to Information (RTI) Act, National Rural Employment Guarantee Act, Tribal Rights Act, Gram Nyayalaya Act and proposed National Food Security Act are the milestones in the post-independent history of India. They intend to address issues regarding society, justice and rural poverty. Access to information and its constructive application are two different things. The RTI Act originally aims at discouraging corrupt practices and promoting greater accountability to people in the government. This Act is a step towards creating transparent systems of governance. The Gram Sabha can use it very constructively with its raised legal understanding.

The Rural Employment Guarantee Act can be best implemented only when prospectives are aware of their legal rights. The Tribal Rights Act acknowledges the role of the Gram Sabha. The provisions in the Panchayats (Extension to Scheduled Areas) Act, 1996 enable the tribal society to exercise its traditional rights over natural resources.



Effective implementation needs legal awareness. The Gram Nyayalayas Act has come into effect from October 2, 2009, but the concerning government and non-government organisations need to approach Gram Sabha for spreading information on prominent features of the Act.

The RTI Act, NREGA, Gram Nyayalayas Act and the proposed Food Security Act
intend to address

		Α.	literacy		Β.	social dilemma					
		С.	legal literacy		D.	social issues					
2.1	The	RTI	Act primarily aims at								
		Α.	discouraging corrupt practices		в.	promoting social security					
		C.	improving legal literacy		D.	enhancing social awareness					
	3 . The Rural Employment Guarantee Act, according to the author, can be effectively implemented when										
			rural poverty is taken care of	□ hor		the implementing authorities are					
		C.	villagers are highly literate	□ righ		prospectives are aware of their legal					
			al society can exercise its right ns in	ts o	ver	natural resources by virtue of the					
•			The Tribal Rights Act		В.	The Gram Nyayalayas Act					
		C.	The Panchayats Act		D.	All the above					
5.1	The	Gra	m Nyayalaya Act came into eff	ect	on						
		Α.	30th Jan, 2010		В.	2nd Oct, 2010					
		C.	15th Aug, 2009		D.	2nd Oct, 2009					
6.1	Гhe	Nati	ional Food Security Act was int	rod	uce	d in					
		Α.	Nov 2006		в.	Nov 2009					



		С.	Oct 2009		D.	None of these
7."	Lega	al Li	iteracy' or 'Legal Awareness' re	efer	s to)
		Α.	National consciousness		B. visio	Thorough knowledge of statutory ns
		C.	Awareness of legal rights		D.	All the above
8. 4	Acco	rdir	ng to the author, which of the f	follo	wir	ng statements is/are correct ?
			The administration is responsible to the literacy rate among villagers.	req info	uirec rma	The government and NGOs are I to approach Gram Sabha to spread tion on prominent provisions of the ghts Act.
			Only Gram Sabha needs legal ess to implement all the Acts.		D.	None of these
9. T	[he	RTI	can be effective in creating			
		Α.	legal literacy		в.	an englightened society
		с.	transparency in governance		D.	All the above

10 Direction : Which of the phrases 1), 2), 3) and 4) given below should replace the phrase . highlighted below to make the sentence meaningful and correct? If the sentence is already correct, mark 4), ie, "No correction required" as your answer.

India is progressing in leap and bound in the field of industries.

Α.	at leap and bound	в.	with leaps and bound
С.	by leaps and bounds	D.	to leap and bounds

11 Direction (Q. 1 - 5) : Which of the phrases 1), 2), 3) and 4) given below should replace . the phrase highlighted below to make the sentence meaningful and correct? If

the sentence is already correct, mark 4), ie, "No correction required" as your answer.

We are now well to a position of sell our products in the international market.

Α.	at a position at	В.	on a position for
С.	along a position to	D.	in a position to



12 Congress President Sonia Gandhi and BJP leader Sushma Swaraj display an . exceptional instance of responsibility during the three-day visit of US President Barack Obama.

Α.	displays an exceptional	В.	displayed an exceptional
С.	displayed an exception	D.	display an exception

$13\,\mathrm{A}$ hobby teaches us skill and adds to our knowledge besides give satisfaction.

Α.	beside give	в.	besides gave
с.	beside given	D.	besides giving

$14\,\text{How}$ are you proceeding with your studies ?

.

.

Α.	you are proceeding	в.	you will proceeding
с.	you proceed	D.	No correction required

15 Man doesn't break up with overwork, but from his attitude towards work.

Α.	break up by	в.	break in to
С.	break down from	D.	break with by

16 Direction (Q. 6 - 10) : Rearrange the following five sentences (A), (B), (C), (D) and (E)

. in the proper sequence to form a meaningful paragraph and answer the questions given below them.

(A) China's economic rise began in the early 1980s under the visionary leadership of Deng Xiaoping.

(B) So, Yuan's peg to the US dollar has been of immense benefit for China's exporters.

(C) It was largely facilitated by pegging its currency Yuan to the US dollar.

(D) China's trade with the USA began in 1985 with a modest export figure of \$4 million, but that figure has shown exponential growth since then.

(E) In 2008, US imports from China touched \$337.8 billion, almost double of India's total exports and triple of China's imports from the US.

Which of the following would be the FIRST sentence after rearrangement ?

A. A B. B	П А. А	ſ				
-----------	--------	---	--	--	--	--



С.	C		D	р
с.	C		υ.	υ

17 Which of the following would be the SECOND sentenceafter rearrangement ?



$18\,\mbox{Which}$ of the following would be the THIRD sentence after rearrangement ?



.

.

$19\,\text{Which}$ of the following would be the FOURTH sentence after rearrangement ?

Α.	D	в.	Е
с.	A	D.	В

20 Which of the following would be the LAST sentence after rearrangement ?

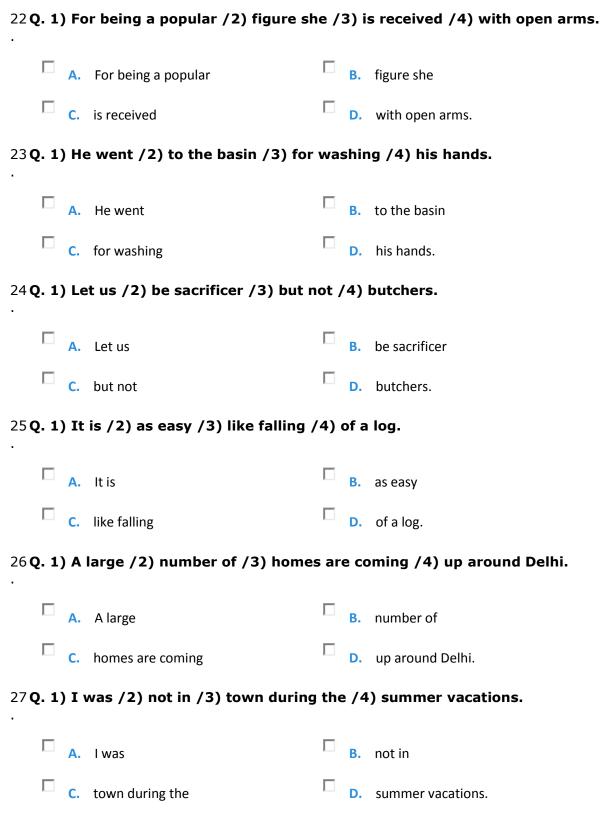
Α.	E	в.	А
с.	В	D.	С

21 Direction (Q. 1 - 10) : Read each sentence to find out whether there is any grammatical . error in it. The error, if any, will be in one part of the sentence. The number of that part

is the answer. If there is no error, the answer is 4), ie 'No error'. (Ignore the errors of punctuation, if any.)

Q. 1) I' II be /2) there whether /3) he comes /4) or no. A. III be B. there whether D. or no. C. he comes







28 Q. 1) Students have /2) been instructed to /3) finish writing the answers /4) . before three hours.

□ _A .	Students have	В.	been instructed to
□ _C .	finish writing the answers	D.	before three hours.

29 Q. 1) Though he claims /2) to be an efficient /3) person, but he is /4) good for . nothing.

Α.	Though he claims	в.	to be an efficient
с.	person, but he is	D.	good for nothing.

30 Q. 1) It was /2) the apple /3) that fall on /4) his bare head.

.

Α.	It was	B	the apple
C.	that fall on	D	his bare head



ANSWERS

	NA	RA	ENG
1	А	В	D
2	D	В	А
3	D	А	D
4	D	D	С
5	С	А	D
6	А	В	D
7	В	С	С
8	С	В	D
9	D	D	С
10	D	А	С
11	С	А	D
12	С	С	В
13	В	С	D
14	А	D	D
15	В	А	С
16	В	В	А
17	А	А	А
18	D	С	С
19	А	D	В
20	С	В	С
21	С	D	D
22	А	А	А
23	С	С	С
24	D	А	В
25	D	D	С
26	D	А	С



27 А D D 28 В С D 29 D D А 30 В С D 31 С А 32 D С 33 В В 34 В D 35 С D