

8.	The greatest number w 1) 128	which divides 261, 933 an 2) 64	nd 1381 leaving remaine 3) 32	der 5 in each ca 4) 16	se is []
9.	If the L.C.M and H.C possible is	.F of two numbers are	1530 and 51. Then the	number of such	n pairs [are]
	1) 2	2) 3	3) 4	4) 1		
10.	$2.8\overline{768}$ expressed as a	rational number is			[]
	1) $2\frac{878}{999}$	2) $2\frac{9}{10}$	3) $2\frac{292}{333}$	4) $2\frac{4394}{4995}$		
11.	The value of $0.\overline{2} + 0.\overline{3}$	$+0.\overline{4}+0.\overline{9}+0.\overline{39}$ is			[]
	1) 0.57	2) $1\frac{20}{33}$	3) $2\frac{1}{3}$	4) $2\frac{13}{33}$		
12.	If N = $\frac{1}{2} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20}$	$+\frac{1}{30}+\dots+\frac{1}{156}$, then	n the value of N is		[]
	1) $\frac{13}{12}$	2) $\frac{12}{13}$	3) $\frac{14}{13}$	4) $\frac{13}{14}$		
13	If a man spends $\frac{5^{th}}{2}$ pa	rt of money and then ea	$\frac{1}{1}$ part of the remain	ning money Th	en the	nart
101	of the money with him	now is	2 part of the format	ing money. In	r ا	1
	1			1	L	Ţ
	1) $\frac{1}{3}$	2) $\frac{1}{2}$	$3) \frac{1}{6}$	$(4)\frac{-}{4}$		
14.	The least fraction that	must be added to $1\frac{1}{3} \div 1$	$\frac{1}{2} \div 1\frac{1}{9}$ to make the resu	lt an integer is	[]
	1) $\frac{1}{5}$	2) $\frac{2}{5}$	3) $\frac{3}{5}$	4) $\frac{4}{5}$		
15.	Two supplementary an 1) 100°	gles are in the ratio 2 : 7 2) 120°	7. The largest angle is 3) 140°	4) 40°	[]
16.	In the following figure	AB CD the value of y	' is		[]
	1) 115°	<u>C R </u>	<u>)</u>			
	2) 35°	x				
	3) 30°	60°	D			
	4) 75°	A P Q	В			
17.	In the adjoining diagra	m, AB CD. The value	of x is		[]
	1) 70°	BA 50				
	2) 60°	$\int_{25}^{25} E^{43}$				
	3) 50°					
	4) 110°	A VC				
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27.	In $\triangle ABC$ medians BI way that GD = 1.5cm 1) 2.5cm	E and CF intersect at G. , then the length of AD i 2) 3cm	If the straight line AGD is 3) 4cm	9 meets BC in D 4) 4.5cm), in su [ch a]
28.	In a $\triangle ABC$, if $\angle C =$ 1) AB ² > AC ² + BC ² 3) AC ² > AB ² + BC ²	110° which one of the fe	ollowing statement is co 2) $AB^2 < AC^2 + BC^2$ 4) $BC^2 > AB^2 + AC^2$	rrect?	[]
29.	In the given figure PQ RS. $\angle RSF = 40^\circ$, $\angle PQF = 35^\circ$ and $\angle QFP = x^\circ$, then the value of x i					
	1) 75°				[]
	2) 105°	S X 35°				
	3) 135°	\downarrow^{+0} $\searrow_{\rm P}$				
	4) 140°	R				
30.	If in $\triangle ABC$, AB = 2, AC = 4 and the median from A to BC is equal to BC. Then the length of BC					
	1) $\sqrt{7}$	2) $\sqrt{8}$	3) $\sqrt{10}$	4) $\sqrt{18}$	[]
31.	If 15, 17, 25 are the lead of the triangle is	ngths of two sides of a tr	iangle and the altitude to	the 3 rd side. Th	en the [area]
	1) 210	2) 300	3) 180	4) 220		
32.	The sum of the interior 1) 9	or angles of a polygon is 2) 11	1620°. The number of s 3) 15	ides of the poly 4) 12	gon ar	e
33.	ABCD is a parallelog	on CD such that $AP =$	AD, then the r	neasur	e of	
	$\angle PAB + \angle BCD$ is 1) 180°	2) 225°	3) 240°	4) 135°	[]
34.	In the given figure wh	at is the value of x			[]
	1) $b - a - c$	c/B				
	2) $b - a + c$	Ada Cob	-50			
	3) $b + a - c$ 4) $a + b + c$	x D				
35.	The teacher tells the c lowest marks plus 7. 7	class that the highest ma The highest score is 87. V	urks obtained by a studer What is the lowest score	nt in her class i	s twice [e the]
36	If Laxmi's father is 49	vears old He is 4 years	older than three times la	xmi's age then	the lax	mi's
50.	age is 1) 15	2) 16	3) 20	4) 22	[]
37.	The sum of 3 times a 1) 7	number and 12 is 33. Th 2) 8	en the number is 3) 9	4) 12	[]
38.	The sum of 3 consecu number is	utive integers is 12 more	e than twice the smalles	t integer then tl	ne sma [llest]
	1) 8	2) 9	3) 7	4) 11		
39.	What is the greatest pe 1) 890	ositive integer n which n 2) 790	nakes n ³ + 100 divisible 3) 900	by n + 1 is 4) 90	[]
1						

40.	a, b, c, d are natural nu (d + a) is equal to	The such that $a = bc$,	b = cd, c = ad and d = al	then $(a + b)(b)$	+ c)(c [: + d)]	
	1) $(a + b + c + d)^2$ 3) $(c + d)^2 + (b + c)^2$		2) $(a + b)^2 + (c + d)^2$ 4) $(a + c)^2 + (b + d)^2$				
41.	If $(x - 7)^2 - (x + 8)^2 =$ 1) 3	75. The value of x is2) 1	3) – 3	4) – 1	[]	
42.	The value of $a^2b(a^3 - a^3)$ ab	$a + 1) - ab(a^4 - 2a^2 + 2a^2) ab^2$	a) $-b(a^3 - a^2 - 1)$ is 3) a	4) b	[]	
43.	If 2n is an even number odd numbers is 1) 41, 43	er what are the odd num	bers each side of it and th 3) 47, 49	4) 31, 33	onsec [utive]	
44.	The solid cube of sides area of the cube so for 1) 486cm ²	s 1cm, 6cm and 8cm are med is 2) 386cm ²	melted together to form a 3) 286cm ²	a new cube the to 4) 490cm ²	otal su [rface]	
45.	A rectangular water re The depth of water in 1)2.6m	eservoir contains18000 1 it is 2) 3.6m	litres of water, if its base 3) 1.6m	e measures 4.5n 4) 1.4m	n by 2 [.5 m.]	
46.	Area of four walls of a 1) 120m ²	a room 10m long, 5m w 2) 140m ²	ide and 4m height is 3) 90m ²	4) 100m ²	[]	
47.	Five cubes each of 5cm are placed adjascent to each other. The surface area of resulting c1) 550cm²2) 540cm²3) 440 cm²4) 450 cm²					oid is]	
48.	The size of a wooden b to construct a solid wo 1) 10	block is 5cm by 10cm by boden cube of minimum 2) 9	20cm. The number of su size 3) 8	4) 7	be req [uired]	
49.	A rectangular card board sheet measures $48 \text{ cm} \times 36 \text{ cm}$ from each of its corners a squar cut off. An open box is made of the remaining sheet. The volume of box is 1) 5120 \text{cm}^3 2) 6400 cm ³ 3) 8960 cm ³ 4) 2560 cm ³					cm is]	
50.	If the area of a circle a	nd square are equal. The	en the ratio of their perin	neters is	[]	
	1) 1 : 1	2) 2 : π	3) π : 2	4) $\sqrt{\pi}$: 2			