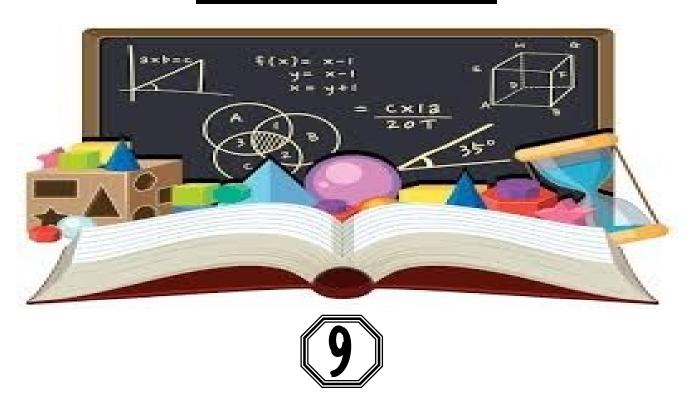


SAMPLE PAPER



Please fill the following details immediately

Name:		
Hall Ticket No.:		
_	❖ 50 Questions ❖	

- **❖** Time Allowed: 120 Minutes ❖
- ❖ Do not open this question paper until the signal is given.
- ❖ Please check the CLASS printed on the cover page and the inside is same when you open the booklet.

General Instructions:

- 1) All questions are compulsory and carry equal marks.
- 2) There is no negative marking.
- 3) There is only one correct answer hence write one choice only.
- 4) Please avoid cutting/overwriting etc.
- 5) Return the paper to the invigilator at the end of the examination.
- 6) Write the correct option in the given box.

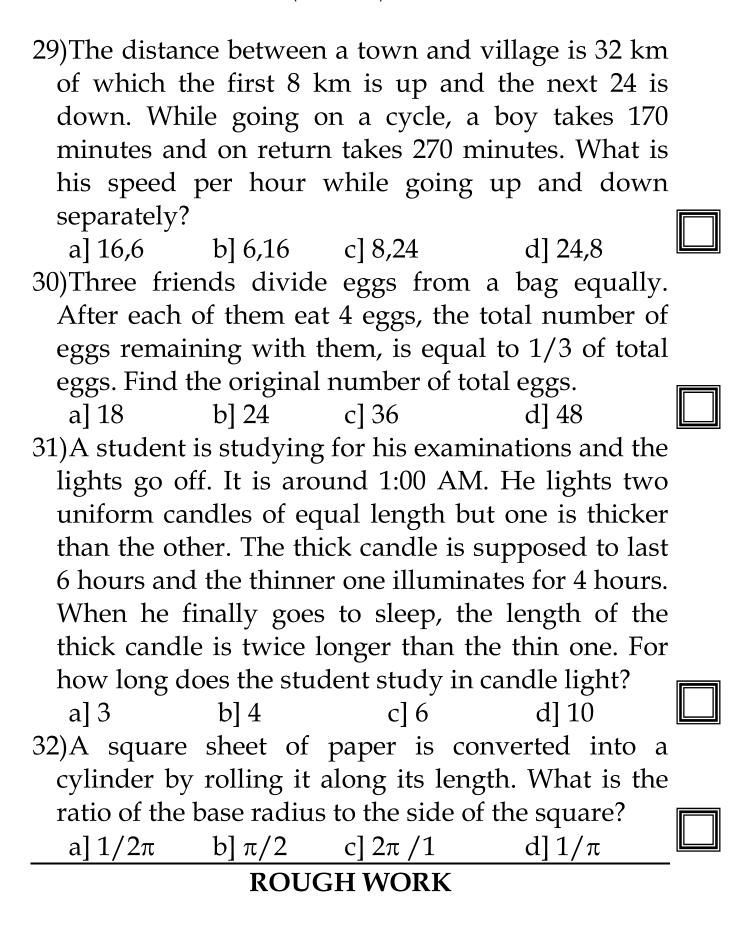
1)How many	y 'F's are there	in the follow	wing senter	ice:
"Finished	files are fine f	fruits of year	rs of scient	ific
deep stud	dy combined	with the	experience	of
years".				
a] 8	b] 1	c] 3	d] 6	
2) Mohan is 1	18 th from eithe	r end of a ro	w of boys.	
How many	y boys are there	e in that row	?	
a] 26	b] 32	c] 24	d] 35	
3)Flight to	Mumbai leave	es every 5	hours. At	the
informatio	on counter I lea	arnt that the	flight took	off
25 minutes	s before. If the	time now is	s 10 : 45 a.	m.,
what is the	e time for the n	\mathbf{c}		
a] 2 : 20 a		b] 3 : 30 a		
c] 3 : 55 p	.m.	d] 3 : 20 p	o.m.	
4) How man	y 8's are there	in the follow	wing seque	nce
which are	e immediately	preceded	by 6 but :	not
	ely followed by			
685785	543681985	5468296	8 1 3 6 8 5	3 6
a] One	b] Two	c] Three	d] Four	
5) If the ratio	of the areas of	two squares	s is 25:36, th	en
the ratio of	f their perimete	ers is		
a] 5:6	b] 25:36	c] 6:5	d] 36:25	
6) If the diag	onal and the ar	rea of a recta	ngle are 25 :	m
and 168 m	2, what is the l	ength of the	rectangle?	
a] 17m	b] 7 m	c] 24m	d]31m	

7) Which of the following figu	O
a] A circle of radius √2cm	•
b] An equilateral triangle	whose sides each have
length 4 cm.	
c] A triangle whose sides	have lengths 3cm, 4cm
and 5cm.	
d] A square with side 2 cm	l
8) Vertices of a quadrilateral A	ABCD are $A(0, 0)$, $B(4, 5)$,
C(9, 9) and D(5, 4). What	at is the shape of the
quadrilateral?	
a] Square	
b] Rhombus	
c] Rectangle but not a squa	are
d] Parallelogram but not a	rhombus
9) A number is selected at r	andom from first thirty
natural numbers. What is	the chance that it is a
multiple of either 3 or 13?	
a] 17/30	b] 2/5
c] 11/30	d] 4/15
10) The monthly incomes of A	A and B are in the ratio
4:5, their expenses are in t	he ratio 5:6. If 'A' saves
Rs.25 per month and 'B' s	saves Rs.50 per month,
what are their respective in	icomes?
a] Rs.400 and Rs.500	b] Rs.240 and Rs.300
c] Rs.320 and Rs.400	d] Rs.440 and Rs.550
ROUGH W	VORK

11) Anita had t	o do a multi	iplication. In	stead of tak	ing
35 as one of	the multiplic	ers, she took	53. As a res	ult,
the product	went up	by 540. Wh	at is the n	.ew
product?				
a] 1050	b] 1590	c] 1520	d] 540	الــــــــا
12) a' and 'b' a	re the length	ns of the base	e and height	t of
a right angl	ed triangle י	whose hypot	enuse is 'h'	. If
the values o	f 'a' and 'b' a	are positive i	ntegers, wh	ich
of the follow	ving cannot	be a value o	f the square	e of
the hypoten	use?			
a] 13	b]23	c]37	d]41	
13)A is B's sist	er. C is B's m	nother. D is C	C's father. E	is
D's mother.	Then, how is	s A related to	D?	
a] Grandfat	ther	b] Grand	ldaughter	
c] Grandmo	other	d] Daugl	nter	الـــــا
14) A bag cont	ains 50 P, 2	25 P and 10	P coins in	the
	•	to Rs. 206. Fi	nd the num	ber
of coins of ea	<i>y</i> 1			
a] 360, 160,	200	b] 200, 30	•	
c] 160, 360,	200	d] 200,16	50,300	السسا
15)If 20% of a	= b, then b%	of 20 is the s	ame as:	
a] 6% of a		b] 10% o		
c14% of a		d18% of	а	

•	the wrong t	erm in the serie	es 2, 5, 10, 50),
500, 5000				
a] 2	b] 50	c] 5000	d] 50	
17) Choose	the correct	alternative tha	t will contin	nue
the same	pattern and	d replace the '	x' in the se	ries
525, 430, 3	345, 270, x	_		
a] 255	b] 205	c] 253	d] 175	
18)Product	of two co-pr	rime numbers is	s 117. Their	
L.C.M sh	-			
a] Equal	to HCF	b] 1		
c] 117		d] canno	ot be calcula	ted
19)If 2 table	es and 3 chai	rs cost Rs, 3500		
,		1000, then how		
table cost	?	·		
a] 500	b] 1500	c] 2000	d] 1000	
$20) 17\frac{4}{1} + 1$	$3\frac{2}{12} - ? = 12$	12		
7	12^{-1}	3		
a] 16	b] 18	c] 17	d] 19	
21)If $a - b =$	$3, a^2 + b^2 = 2$	29, find the val	ue of ab.	
a] 12	b] 18	c] 15	d] 10	
22) 18800 ÷	$470 \div 20 = ?$			
a] 12		c] 2	d] 10	
23) $48\sqrt{?}$	$+32\sqrt{?} =$	320		
•	bl 36	c] 4	dl 16	

24)If the pro	duct 4864 * 9	9 P 2 is divisibl	e by 12, the	e
value of p:				
a] 1	b] 3	c] 4	d] 2	
25)How mar	ny cubes of 3	3 cm edge can b	e cut out o	of a
cube of 18	cm edge			
a]216	b] 36	c] 232	d] 484	
26)There are	six bags, e	ach containing	; 15, 18, 20), 16,
19, 31 app	les respectiv	vely. One perso	on purchas	sed 3
and anoth	er 2 bags. If	the first person	n holds do	uble
the numbe	er of apples	than the secon	d person, v	what
	that is unsol			
a]Third	b] First	c] last	d] secor	nd 🔲
27) To make	e one dozer	n, you require	12 one-ri	upee
notes. Hov	v many ten-	rupee notes do	you requi	re to
make ten c	lozen?			
a]110	b]100	c] 12	d]11	
•	5	son will be dou	-	
	•	my daughter		
three times	s of her pres	sent age. Who	is elder an	nong
both of the	em?			
a]daughte	er	b] son		
cl cannot	answer	dl both are o	of the same	age



33)The side	e of a cube is 8 1	m, Find the ${ m v}$	olume?	
a] 513 m	b] 512 m	3 c] 64 m ³	d] 24 m	3
34)A recta	ngular mat ha	s an area of	120 sq.met	res
and peri	meter of 46 m. [The length of	its diagonal	is:
a]17 cm	b] 17 m	c] 17 m ² d]] 16 m	
35) <i>A</i> man v	walks 3 km noi	thwards and	then turns l	eft
and goes	2 km. He aga	in turns left a	and goes 3 k	m.
He turn	s right and	walks straig	ght. In whi	ich
direction	he is walking	now?		
a] East	b] West	c] North	d] South	
36)Babloo	ranked 16th fr	om the top	and 29th fro	om
the bot	tom among	those who	passed	an
examinat	tion. 6 boys	did not part	icipate in t	the
competit	ion and 5 faile	d in the exam	mination. Ho	OW
many bo	ys were there i	n that class?		
a] 44	b] 40	c] 50	d] 55	
37)There i	s one number	below 1000) that gives	a
remainde	er of 1 when it	is divided by	y 2, 3, 4, 5, 6	5, 7
or 8. Wha	at is that numb	er?		
a] 941	b] 741	c] 841	d] 999	
38)In a gro	up of siblings,	there are seve	en sisters, and	d
each siste	er has one brotl	ner. How mai	ny are there i	in
total?				
al 8	b] 14	cl 10	dl 7	

39)A man de	cides to buy	a horse for 60	10 rupees. Aft	er
a year, he	sells it for 70	00. He buys i	t again for 80	00.
And finall	y sells it fo	or 900. What	is his overa	all
profit?				
a] 200	b] 10	0 c] 0	d] 300	
40)What nur	nber, when	multiplied e	ither by $1\frac{1}{2}$	or
added by 1	$\frac{1}{2}$ gives the	same result?		
a] 3	b] 4	c] 1	d] 5	
41) What nur	nber should	come next in	this series:	
479126, 479	926, 4796, 796	6?		
a] 79	b] 96	c] 76	d] 67	
42)A man d	ied, leaving	10,00,000 for	his widow,	5
sons and 4	l daughters.	Each daugh	ter received a	an
equal amo	ınt, each sor	n received twi	ce as much as	s a
daughter,	and the wic	low received	three times	as
much as a	son. How m	uch did the w	idow receive?	? 🥅
a] 500000	b] 300000	c] 25000	0 d] 400000	
43)In a grou	ıp, the chicl	kens are dou	ble in numb	er
than the s	heep. Their	heads + leg	s are 99. Ho	W
many chick	kens and she	ep are there?		
a] 9,18	b] 18,9	c]18,36	d] 36,18	الــــــــا

44)Krishna	and Radha a	re playing cards	s for a stake	of
one rupe	e per game. <i>I</i>	At the end Krish	nna has won	ı 3
games ar	nd Radha ha	s won 3 rupees	s. How man	ny
games die	d they play?			
a]9	b]6	c]3	d] Infinite	
45)There ar	e some eggs	in each bucket, 1	named A, B,	
C, D, E. If	A = 5; B + A = 5	=6; E+B =C; E+C	C+B=8. Find	d
E.				
a] 3	b] 4	c] 1	d] 2	
46)Find out	what is x' ?	You get 'x' num	ber of lemor	ns
for 16 rup	bees. For 'x' r	upees you get 30	6 lemons.	
a] 16	b]24	c] 36	d] 18	
47)If 5 peo	ple dig a 5	meters hole in	5 hours, ho	W
many peo	ople are requ	ired to dig a 10	00 meters ho	ole
in 100 ho	urs?	· ·		
a] 100	b] 5	c]10	d] 50	

48)A honey	bottle weigh	is 500 grams. If	it is replace	ed
by oil, it w	veighs 350 gr	cams. The weigl	nt of honey	is
double th	an the oil.	What is the w	veight of th	ie
empty bot	tle?			
a] 150 gra	ims	b] 250 gra	ms	
c] 300 gra	ms	d] 200 gra	ms	
49) A beautif	ul lady repo	rter asked a you	ıng comedia	ın
about his a	age. "Multip	ly my age after	3 years by 3	3"
he smiled,	"Multiply n	ny age 3 years a	ago by 3. Th	ie
difference	is my age". V	What is his age?		
a] 23	b]34	c]18	d]30	
50)A fish we	ighs 2 kilos j	plus half of its w	veight. What	t
is the weig	tht of the fish	n?		
a] 4 kg	b] 3 kg	c] 2.5 kg	d] 3.5 kg	