CLASS 6 Section - A School Code: TS2052 School Name: Brighton International School Subject: MATHS Strength - 7 Pattern - Proficient Set - A

MOHD YOUSUF

UUID : 53dd6c4087



(TS2052) Brighton International School

Summative Assessment 1 Academic year 2017-18

Dear teacher, please ask the students to do the following pre-exam steps:











Please read the questions carefully and write the answers neatly in the spaces given. Instructions

- This paper consists of 40 MCQs.
- Each MCQ has 4 options namely A, B, C and D. Correct option should be written in

the space provided. Each MCQ carries 1 mark.

- Kindly check all the questions before answering.
- Rewriting the answer is not permitted.
- Rough work should be done in the space provided.
- All the MCQs in this paper are based on the Academic standards.
- Duration of the Exam is 60 Minutes.

Weightage of the Academic standards:

Academic Standard	Number of questions	Marks
AS1- Problem Solving	12	12
AS2 - Reasoning and proof	8	8
AS3 - Communication	6	6
AS4 - Connection	6	6
AS5 - Visualisation & Representation	8	8
Total	40	40 M

Do it Once, Do It Right Get It Over With









(B) 5

(D) 4

Rough work

)

)

1. The sum of the number 765432 and	the number obtained by reve	ersing its dig	git is
		()
(A) 999999	(B) 989999		
(C) 999899	(D) 999989		
2. The value of 456 × 6 + 35 × 2 is		()
(A) 2860	(B) 2806		
(C) 2608	(D) 2680		
3. What are the prime factors of the g	greatest 4-digit number?	()
(A) 3 × 3 × 11 × 101	(B) 9 × 11 × 101		
(C) 3 × 33 × 101	(D) 3 × 3 × 11 × 11		
4. Sum of 15, –2 and 7 is		()
(A) 22	(B) 21		
(C) 20	(D) 23		
5. What fraction of a year is 4 months	Ś	()
(A) $\frac{2}{3}$	(B) $\frac{1}{4}$		
(C) $\frac{3}{1}$	(D) $\frac{1}{3}$		
6. Three hundreds and 5 tenths in dec	cimal form is given by	()
(A) 300.5	(B) 3.005		
(C) 30.05	(D) 3.500		
7. Solution of the equation 5q – 10 = 5	o is	()
(A) 5	(B) 4		
(C) 3	(D) 6		



29. Reshma was given $\frac{3}{8}$ baske	t of apples. What fraction of app	oles were left?								_						
0		,	,	14. The an	gle for	med b	etwee	n the	pair o	f para	llel line	s is		()
		()	(A)	45°					(B) 9	90°					
(A) $\frac{4}{8}$	(B) $\frac{5}{8}$			(C)	60°					(D)	no ang	gle is fo	ormed			
, ,	7			15. The len	gths ir	n centii	metres	(to th	ie nea	rest ce	entime [.]	tre) of	30 carro	ots are c	as fol	lows.
(C) $\frac{6}{8}$	(D) ⁷ / ₈			15	22	21	20	22	15	15	20	20	15			
30. A piece of wire is 240 cm lor	ng. What will be the length of ea	ch side, if the v	vire is bent	20	18	20	22	21	20	21	18	21	18			
to form a square?		()	20	18	21	18	22	20	15	21	18	20			
(A) 45 cm	(B) 60 cm			Who	at is the	e numk	per of c	arrot	s whicl	h have	e lengt	h more	e than 20	0 cm? ()
(C)50 cm	(D)40 cm			(A) 9	9					(B) 1	0					
31. The price of potatoes is Rs. x	per kg, and the price of onion is	Rs. 10 more th	an the	(C)	11					(D)	12					
price of potatoes. Therefore	the price of onion is	()	16. In the g	given f	igure,	<i>∠XY</i> Z C	anno	t be w	ritten (as			()
(A) x + 10	(B) 10x					x./	*									
(C) $\frac{x}{10}$	(D) x – 10					/										
32. The product of two numbers	s is 360. If HCF is 9 then their LCM	is ()													
(A) 30	(B) 4			Y			-	-	→							
(C) 40	(D) 60						Р	Z								
33. An observation occurring se	ven times in a data is represente	ed as	using	(A)	$\angle Y$					(B) .	∠ZXY					
tally marks.		()	(C)	∠ZYX					(D)	∠XYP					
NI III				17. If the le	ength (and ar	ea of c	recto	angle	are do	ubled,	, then	its bread	dth ()
(A) I N I I	(B) 11 M			(A) (double	es				(B) †	riples					
	(D) 1111			(C) ı	remair	n unch	anged			(D) I	none c	of these	е			

18. In a botanical gard	den, the number of	different types of plants for	und is as fo	ollows.	22. A protractor is a semicircular curved	mode
					measure and construct angles.	
	Type of plant	Number of plants			(A) 180	(B)
	Herb	50			(C) 360	(D)
	Shrub	60			23. A table showing the count of various	items
	Creeper	20			(A) bar graph	(B)
	Climber	45			(C) pictograph	(D)
					24. The product of two whole numbers is	one if
Which type of plan	nt is maximum in nur	nber?	()	(A) one number is 1	(B)
(A) Herb		(B) Shrub			(C) one number is not defined	(D)
(C) Creeper		(D) Climber			25. An angle greater than a straight ang	le anc
19. When one is added	d to the greatest for	ur-digit number, what is the	e result?			
			()	(A) an acute angle	(B)
(A) Greatest 5-d	ligit number	(B) Smallest 5-digit numb	er		(C) an obtuse angle	(D)
(C) Greatest 4-c	ligit number	(D) Smallest 4-digit numb	ber		26. The two quantities a and b in the rati	o a : b
20. If a number is divisi	ble by two co-prime	e numbers, then it is also di	visible by t	heir	(A) antecedent and consequent	(B)
			()	(C) antecedent and antecedent	(D)
(A) sum		(B) difference			27. If 36 flats cost Rs. 68251500, the cost o	of eac
(C) product		(D) quotient			(A) Rs. 198670	(B)
21. If two lines intersec	t each other, then t	he common point betwee	n them is k	known as	(C) Rs. 203456	(D)
the point of			()	28. A box contains 500000 medicine tabl	lets ec
(A) contact		(B) vertex			weight of all the tablets in the box in	kilogr
(C) intersection		(D) concurrence			(A) 5,00,000 (C) 5kg	(D) (B)

el with	equal divisio	ons use	ed to
		()
) 90			
) 270			
s is called a		()
) frequency distri	bution table		
) All the above			
if		()
) both numbers c	are 1		
) none of these			
d less than a con	nplete angle	is	
		()
) a right angle			
) a reflex angle			
b are called		()
) consequent and	d anteceder	nt	
)) consequent an	id conseque	nt	
ch flat is		()
) Rs. 135649			
) Rs. 1895875			
ach weighing 10	mg. what is	the to	tal
rams? 1.50.000		()
) 500kg			
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(TS2052) Brighton International School

Summative Assessment 1 Academic year 2017-18

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SYEDA MISBA FATIMA

IM**X** UUID : 826e6a7f60



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30. A piece of wire is 240 cm lor	ng. What will be the length of ea	ch side, if the v	vire is bent	20	18	20	22	21	20	21	18	21	18			
to form a square?		()	20	18	21	18	22	20	15	21	18	20			
(A) 45 cm	(B) 60 cm			Who	at is the	e numk	per of c	arrot	s whicl	h have	e lengt	h more	e than 20	0 cm? ()
(C)50 cm	(D)40 cm			(A) 9	9					(B) 1	0					
31. The price of potatoes is Rs. x	per kg, and the price of onion is	Rs. 10 more th	an the	(C)	11					(D)	12					
price of potatoes. Therefore	the price of onion is	()	16. In the g	given f	igure,	<i>∠XY</i> Z C	anno	t be w	ritten (as			()
(A) x + 10	(B) 10x					x./	*									
(C) $\frac{x}{10}$	(D) x – 10					/										
32. The product of two numbers	s is 360. If HCF is 9 then their LCM	is ()													
(A) 30	(B) 4			Y			-	-	→							
(C) 40	(D) 60						Р	Z								
33. An observation occurring se	ven times in a data is represente	ed as	using	(A)	$\angle Y$					(B) .	∠ZXY					
tally marks.		()	(C)	∠ZYX					(D)	∠XYP					
NI III				17. If the le	ength (and ar	ea of c	recto	angle	are do	ubled,	, then	its bread	dth ()
(A) N	(B) 11 M			(A) (double	es				(B) †	riples					
	(D) 1111			(C) ı	remair	n unch	anged			(D) I	none c	of these	е			

18. In a botanical gard	den, the number of	different types of plants for	und is as fo	ollows.	22. A protractor is a semicircular curved	mode				
					measure and construct angles.					
	Type of plant	Number of plants			(A) 180	(B)				
	Herb	50			(C) 360	(D)				
	Shrub	60			23. A table showing the count of various	items				
	Creeper	20			(A) bar graph	(B)				
	Climber	45			(C) pictograph	(D)				
					24. The product of two whole numbers is	one if				
Which type of plan	nt is maximum in nur	nber?	()	(A) one number is 1	(B)				
(A) Herb		(B) Shrub			(C) one number is not defined	(D)				
(C) Creeper		(D) Climber			25. An angle greater than a straight ang	le anc				
19. When one is added	d to the greatest for	ur-digit number, what is the	e result?							
			()	(A) an acute angle	(B)				
(A) Greatest 5-d	ligit number	(B) Smallest 5-digit numb	er		(C) an obtuse angle	(D)				
(C) Greatest 4-c	ligit number	(D) Smallest 4-digit number			26. The two quantities a and b in the ratio a					
20. If a number is divisi	ble by two co-prime	e numbers, then it is also di	visible by t	heir	(A) antecedent and consequent	(B)				
			()	(C) antecedent and antecedent	(D)				
(A) sum		(B) difference			27. If 36 flats cost Rs. 68251500, the cost o	of eac				
(C) product		(D) quotient			(A) Rs. 198670	(B)				
21. If two lines intersec	t each other, then t	he common point betwee	n them is k	known as	(C) Rs. 203456	(D)				
the point of			()	28. A box contains 500000 medicine tabl	lets ec				
(A) contact		(B) vertex			weight of all the tablets in the box in	kilogr				
(C) intersection		(D) concurrence			(A) 5,00,000 (C) 5kg	(D) (B)				

el with	equal divisio	ons use	ed to
		()
) 90			
) 270			
s is called a		()
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if		()
) both numbers c	are 1		
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d less than a con	nplete angle	is	
		()
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) consequent and	d anteceder	nt	
)) consequent an	id conseque	nt	
ch flat is		()
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) Rs. 1895875			
ach weighing 10	mg. what is	the to	tal
rams? 1.50.000		()
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,			

GULAM MOIN UDDIN

UUID : c373a5a228



(TS2052) Brighton International School

Summative Assessment 1 Academic year 2017-18

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Academic Standard	Number of questions	Marks
AS1- Problem Solving	12	12
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AS3 - Communication	6	6
AS4 - Connection	6	6
AS5 - Visualisation & Representation	8	8
Total	40	40 M

Do it Once, Do It Right Get It Over With









(B) 5

(D) 4

Rough work

)

)

1. The sum of the number 765432 and	the number obtained by reve	ersing its dig	git is
		()
(A) 999999	(B) 989999		
(C) 999899	(D) 999989		
2. The value of 456 × 6 + 35 × 2 is		()
(A) 2860	(B) 2806		
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3. What are the prime factors of the g	greatest 4-digit number?	()
(A) 3 × 3 × 11 × 101	(B) 9 × 11 × 101		
(C) 3 × 33 × 101	(D) 3 × 3 × 11 × 11		
4. Sum of 15, –2 and 7 is		()
(A) 22	(B) 21		
(C) 20	(D) 23		
5. What fraction of a year is 4 months	Ś	()
(A) $\frac{2}{3}$	(B) $\frac{1}{4}$		
(C) $\frac{3}{1}$	(D) $\frac{1}{3}$		
6. Three hundreds and 5 tenths in dec	cimal form is given by	()
(A) 300.5	(B) 3.005		
(C) 30.05	(D) 3.500		
7. Solution of the equation 5q – 10 = 5	o is	()
(A) 5	(B) 4		
(C) 3	(D) 6		



29. Reshma was given $\frac{3}{8}$ baske	t of apples. What fraction of app	oles were left?								_						
0		,	,	14. The an	gle for	med b	etwee	n the	pair o	f para	llel line	s is		()
		()	(A)	45°					(B) 9	90°					
(A) $\frac{4}{8}$	(B) $\frac{5}{8}$			(C)	60°					(D)	no ang	gle is fo	ormed			
, ,	7			15. The len	gths ir	n centii	metres	(to th	ie nea	rest ce	entime [.]	tre) of	30 carro	ots are c	as fol	lows.
(C) $\frac{6}{8}$	(D) ⁷ / ₈			15	22	21	20	22	15	15	20	20	15			
30. A piece of wire is 240 cm lor	ng. What will be the length of ea	ch side, if the v	vire is bent	20	18	20	22	21	20	21	18	21	18			
to form a square?		()	20	18	21	18	22	20	15	21	18	20			
(A) 45 cm	(B) 60 cm			Who	at is the	e numk	per of c	arrot	s whicl	h have	e lengt	h more	e than 20	0 cm? ()
(C)50 cm	(D)40 cm			(A) 9	9					(B) 1	0					
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(A) x + 10	(B) 10x					x./	*									
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	Creeper	20			(A) bar graph	(B)				
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Which type of plan	nt is maximum in nur	nber?	()	(A) one number is 1	(B)				
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(A) sum		(B) difference			27. If 36 flats cost Rs. 68251500, the cost o	of eac				
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the point of			()	28. A box contains 500000 medicine tabl	lets ec				
(A) contact		(B) vertex			weight of all the tablets in the box in	kilogr				
(C) intersection		(D) concurrence			(A) 5,00,000 (C) 5kg	(D) (B)				

el with	equal divisio	ons use	ed to
		()
) 90			
) 270			
s is called a		()
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if		()
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d less than a con	nplete angle	is	
		()
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b are called		()
) consequent and	d anteceder	nt	
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ach weighing 10	mg. what is	the to [.]	tal
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(TS2052) Brighton International School

Summative Assessment 1 Academic year 2017-18

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Do it Once, Do It Right Get It Over With









(B) 5

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Rough work

)

)

1. The sum of the number 765432 and	the number obtained by reve	rsing its dig	git is
		()
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(A) 300.5	(B) 3.005		
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29. Reshma was given $\frac{3}{8}$ baske	t of apples. What fraction of app	oles were left?														
0		,	,	14. The an	gle for	med b	etwee	n the	pair o	f paral	lel line	s is		()
		()	(A)	45°					(B) 9	90°					
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(C) $\frac{6}{8}$	(D) ⁷ / ₈			15	22	21	20	22	15	15	20	20	15			
30. A piece of wire is 240 cm lor	ng. What will be the length of ea	ch side, if the v	vire is bent	20	18	20	22	21	20	21	18	21	18			
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(A) 45 cm	(B) 60 cm			Who	at is the	e numk	per of c	carrot	s whicl	n have	e lengtl	h more	e than 20	0 cm? ()
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(A) x + 10	(B) 10x					x./	*									
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33. An observation occurring se	ven times in a data is represente	ed as	using	(A)	$\angle Y$					(B) 4	∠ZXY					
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NI III				17. If the le	ength (and ar	ea of c	recto	angle	are do	ubled,	, then	its breac	dth ()
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(C) product		(D) quotient			(A) Rs. 198670	(B)
21. If two lines intersec	t each other, then t	he common point betwee	n them is l	known as	(C) Rs. 203456	(D)
the point of			()	28. A box contains 500000 medicine tabl	ets ec
(A) contact		(B) vertex			weight of all the tablets in the box in	kilogr
(C) intersection		(D) concurrence			(C) 5kg	(Þ) (D)

el with	equal divisio	ons use	ed to
		()
) 90			
) 270			
s is called a		()
) frequency distri	bution table		
) All the above			
if		()
) both numbers c	are 1		
) none of these			
d less than a con	nplete angle	is	
		()
) a right angle			
) a reflex angle			
b are called		()
) consequent and	d anteceder	nt	
)) consequent an	id conseque	nt	
ch flat is		()
) Rs. 135649			
) Rs. 1895875			
ach weighing 10	mg. what is	the to [.]	tal
rams? 1.50.000		()
) 500kg			
,			