NAME		ROLL NO.	

INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FINAL EXAMINATION 2019–20
MATHEMATICS (SET – B)
ANSWER KEY

Code:MWM10

CLASS 5
02.03.2020

Time Allotted: 2 ½ hrs
Max .Marks: 80

General Instructions.
1. The question paper comprises of three sections **A ,B, C**and **D**. You have to **attempt all** the sections.
2. All the questions are **compulsory.**
3. All the answers should be written in the **answer sheet** provided.

Q.NO.1	**SECTION 'A'–('1' MARK EACH) – TOTAL – 20 MARKS**		Marks
	MCQ		
(a)	$0.6 \times 5 =$ _____ a) 30 b) 0.03 c) 0.30 **d) 3**		1
(b)	$6 \div \dfrac{12}{7} =$ _____ a) $\dfrac{72}{7}$ **b)** $\dfrac{7}{2}$ c) $\dfrac{2}{7}$ d) $6\dfrac{2}{7}$		1
(c)	Write as decimal $\dfrac{868}{100}$ **a) 8.68** b) 86.8 c) 0.868 d) 868.0		1
(d)	Volume of a cube whose edge is 2cm. a) 4cu.cm b) 6cu.cm **c) 8cu.cm** d)16cu.cm		1
(e)	Side of a square whose perimeter is 84 cm is: a) 4cm b) 8cm c) 12cm **d) 21cm**		1
	FILL IN THE BLANKS		
(f)	$3.5 \div 1000 =$ **0.0035**		1
(g)	$\dfrac{5}{3}$ of 60 = **100**		1
(h)	5.9 km = **5900 m**		1
(i)	135 sec = **2 min 15 sec**		½ + ½
(j)	Side of a square whose area is 36 cm^2 is **6 cm**.		1
	MATCH THE COLUMNS		
(k)	6.15 L	**(iii) 6150 ml**	1
(l)	Sum of $\dfrac{2}{3} + \dfrac{1}{6}$	**(iv)** $\dfrac{5}{6}$	1
(m)	2 h 20 min after 10:30 a.m.	**(v) 12:50 p.m.**	1
(n)	Product of 1.3 × 30	**(i) 39**	1
(o)	Perimeter of a square with side 5cm	**(ii) 20 cm**	1

	WRITE 'TRUE' OR 'FALSE'		
(p)	Reciprocal of $2\frac{1}{5}$ is $\frac{5}{11}$.	**True**	1
(q)	6556 g = 65.56 kg	**False**	1
(r)	$2\frac{1}{2}$ hours = 130 min	**False**	1
(s)	5 m 65 cm = 5.65 cm	**True**	1
(t)	Area of a rectangle with l = 10 cm and b = 4 cm is 28 cm.	**False**	1

Q.NO.	**SECTION 'B'–('2' MARKS EACH) – TOTAL – 12 MARKS**	Marks
(2)	Add: $2\frac{1}{6} + \frac{1}{2} = \frac{13}{6} + \frac{1}{2} = \frac{13}{6} + \frac{3}{6} = \frac{16}{6} = \frac{8}{3} = 2\frac{2}{3}$	½ × 4
(3)	Find the product in Kgs: 525g × 15 5 2 5 　　　　　　　　　　　　　　　× _1 5_ 　　　　　　　　　　　　　　　2 6 2 5 　　　　　　　　　　　　　　　_5 2 5 0_ 　　　　　　　　　　　　　　　7 8 7 5 g = **7.875 Kg**	½ ½ ½ ½
(4)	Write the expanded form of 23.609 　　　　　　　= **20 + 3 + 0.6 + 0.009**	½ × 4
(5)	Find the area of a rectangular painting which is 15 cm long and 10 cm wide. Area = l × b = 15 cm × 10 cm = **150 sq.cm.**	1 + 1
(6)	A man started work at 10.50 a.m. and completed it at 2.30 p.m. How long did it take? Duration = **3 hour 40 minutes**	2
(7)	Ajay wants to put a fence around a square garden with each side as 25 m. Find the length of the fence required? Length of fence = Perimeter of the garden 　　　　　　= 4 × side = 4 × 25 m 　　　　　　= 1**00 m**	1 1
Q.NO.	**SECTION 'C'–('3' MARKS EACH) – TOTAL – 24 MARKS**	Marks
(8)	Multiply: $1\frac{3}{8}$ × $\frac{4}{5}$ = $\frac{11}{8}$ × $\frac{4}{5}$ 　　　　= $\frac{11}{10}$ = $1\frac{1}{10}$	1 1 1
(9)	Subtract 0.897 from 19.87 　　1 9 .8 7 0 —　 _0 .9 8 7_ 　　**1 8 .8 8 3**	1 1 1
(10)	Add: 11 years 7 months + 3 years 9 months 　　1 1 years 0 7 months 　+ _0 3 years 0 9 months_	1

	1 4 years 1 6 months Ans = **1 5 years 4 months**	1 1
(11)	Arrange in ascending order: $\dfrac{3}{4}$, $\dfrac{1}{6}$, $\dfrac{5}{12}$ $\dfrac{3}{4} \times \dfrac{3}{3} = \dfrac{9}{12}$, $\dfrac{1}{6} \times \dfrac{2}{2} = \dfrac{2}{12}$, $\dfrac{5}{12}$ Ans: $\dfrac{2}{12} < \dfrac{5}{12} < \dfrac{9}{12}$ **or** $\dfrac{1}{6} < \dfrac{5}{12} < \dfrac{3}{4}$	2 1
(12)	An empty cubical carton is of side 6 cm. Can we fit 100, 1 cm cubes in it? Volume of cubical carton = 6 cm × 6 cm × 6 cm = **216 cu.cm** Volume of 100, 1cm cubes = 100 × 1 cm × 1 cm × 1 cm = **100 cu.cm** **Yes**	1 1 1

(13)	Sam bought 5 kg 550 g of potatoes and 4 kg 575 g of onions. How much vegetables did he buy? Give answer in kgs.
	   5 kg 550 g
	+ 4 kg 575 g
	   10 kg 125 g
	= **10.125 kg**
		1
		1
		1

(14)	Find the cost of tiling a room which is 4.50 m long and 2 m wide if the cost of tiling is ₹150 per sq. m.? Area of room = 4.50 m × 2 m = **9 sq. m** Cost of tiling = ₹150 × 9 = **₹1,350**	1 ½ 1 ½

(15)	Mr Johnson had ₹ 500 with him. He bought a book for ₹375.50. How much money is left with him?
	Total money with Johnson = 500.00
	             Cost of a book = — 375.50
	  Remaining money with Sam = **₹ 124.50**
		1
		1
		1

Q.NO.	**SECTION 'D'–('4' MARKS EACH) – TOTAL – 24 MARKS**	Marks

(16)	Subtract: 8 hours 30 minutes – 5 hours 45 minutes
	   8 hours 30 minutes
	– 5 hours 45 minutes
	   7 hours 90 minutes
	– 5 hours 45 minutes
	  2 hour 45 minutes
		2
		
		2

(17)	(a) Divide: $3\dfrac{4}{7} \div 1\dfrac{2}{21}$ (b) Which is smaller? 19.099 OR 9.999 $\dfrac{25}{7} \div \dfrac{23}{21} = \dfrac{25}{7} \times \dfrac{21}{23} = \dfrac{75}{23} = \textbf{3}\dfrac{6}{23}$ (1 + 1 + 1) **9.999 < 19.099** (1)	3 1

(18)	An electrician bought 39 m 24 cm wire. He used 18 m 19 cm in one house and 9 m 10 cm in another house. What was the length of the wire left with him?
	               18 m 19 cm
	            + 9 m 10 cm
	 Total wire used = **27 m 29 cm**
	                39 m 24 cm
		2

	— 27 m 29 cm Length of the wire left = **11 m 95 cm**		2
(19)	A bus covers a distance of 93.36 km in 6 hours. How much distance will it cover in 4 hours? In 1 hour = 93.36 ÷ 6 = **15.56 km** In 5 hours = 15.56 × 4 = **62.24 km**		2 2
(20)	A doctor asked a patient to take 5ml of a medicine 3 times a day for 7 days. How much medicine will he drink? Medicine taken in 1 day = 5 ml × 3 = **15 ml** Medicine taken in 7 days = 15 ml × 7 = **105 ml**		2 2

(21)	There is a flower bed which is 90 cm long, 30 cm wide and 1 m deep in Sanju's garden. Find the volume of the soil dug out to make the flower bed.
	Depth (height) = 1 m = 100 cm
	Volume of flower bed = l × b × h
	           = 90 cm × 30 cm × 100 cm
	           = 2,70,000 cu cm
			1
			1
			1
			1

End of the question paper.