



UAE Mental Maths Competition 2018

Paper - **B**

Student Name : _____

School Name : _____

Seat No. _____ Grade **5** Section _____

Important Instructions

- 1) Write Student name, School name in CAPITAL LETTERS only.
- 2) There are two sections A & B. Section A has 50 questions of 1 mark each. Section B has 25 questions of 2 marks each.
- 3) Time allowed is 1 hour. After that extra 5 minutes will be given to darken the circles with Blue / Black ball point pen.
- 4) **Write answers on OMR Answer sheet by filling the correct circles. Do not write answers on question paper.**
- 5) Use pencil or blue / black ball point pen to fill the circles.
- 6) Students resorting to unfair means like copying / cheating in any form during the examination will be disqualified.
- 7) Use of calculator is prohibited.
- 8) Students must carry the hall ticket & their school identity card with them.

Total Marks: / 100

**Section - A**

- 1) Find the average of 60, 80, 100, 120.
a) 75 b) 85 c) 90 d) 95
- 2) $1532 + 1947 = \square$
a) 2479 b) 3479 c) 3579 d) 3489
- 3) Decimal form of 45% is $= \square$
a) 0.45 b) 0.045 c) 4.5 d) 0.0045
- 4) $0.7 \text{ kg} = \square \text{ gm}$
a) 7000 b) 7 c) 70 d) 700
- 5) $\frac{4}{12} \times \frac{6}{10} = \square$
a) $\frac{1}{4}$ b) $\frac{1}{5}$ c) $\frac{2}{5}$ d) $\frac{3}{5}$
- 6) $40 \div 0.8 = \square$
a) 0.05 b) 0.5 c) 50 d) 500
- 7) Selling price = 746, Profit = 187, Find the cost price.
a) 559 b) 933 c) 641 d) 823
- 8) Half of 640 = $\square$
a) 230 b) 330 c) 1280 d) 320
- 9) $0.45 + 1.8 = \square$
a) 1.26 b) 1.53 c) 2.25 d) 1.25
- 10) $81 \div 0.9 = \square$
a) 90 b) 9 c) 0.9 d) 0.09
- 11) 17845 $\square$ 17854 Compare and put appropriate sign.
a) < b) = c) > d) None of these
- 12) Find the greatest fraction from the following.
a) $\frac{9}{11}$ b) $\frac{17}{45}$ c) $\frac{5}{3}$ d) $\frac{23}{27}$

13) Which of the following numbers is divisible by 2?

a) 1820

b) 3719

c) 2463

d) 1819

14) $\frac{3}{5} + \frac{4}{7} = \square$

a) $\frac{7}{12}$ b) $1\frac{6}{35}$ c) $\frac{1}{2}$ d) $\frac{7}{35}$

15) 2 hours 18 minutes = $\square$ minutes

a) 218

b) 138

c) 120

d) 128

16) Convert $\frac{3}{20}$ into percentage.

a) 32%

b) 30%

c) 15%

d) 3%

17) Express 5.7 as a mixed fraction.

a) $7\frac{5}{10}$ b) $7\frac{57}{100}$ c) $5\frac{7}{100}$ d) $5\frac{7}{10}$

18) $5.89 - 3.4 = \square$

a) 9.29

b) 2.85

c) 2.49

d) 2.59

19) 30% of 100 = $\square$

a) 50

b) 30

c) 40

d) 35

20) $\frac{1}{4}$ km = $\square$ m

a) 250

b) 750

c) 500

d) 450

21) Three quarters of ten thousand = $\square$

a) 750

b) 7500

c) 2500

d) 250

22) Find 5th even number after 75

a) 84

b) 82

c) 85

d) 86

23) $a + a + a = 30 \quad \therefore a = \square$

a) 9

b) 12

c) 11

d) 10

24) START

END

8 x 6		÷ 4		- 9	
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Find the END number.

a) 21

b) 35

c) 3

d) 4

25) The length of a rectangle is 15 cm and its breadth 10 cm. Find the perimeter of the rectangle.

a) 150 cm

b) 25 cm

c) 50 cm

d) 100 cm

- 26) Find the difference of place value of digit 4 in number 4874.
 a) 3996 b) 1600 c) 4000 d) 4004
- 27) Convert decimal 0.73 into a fraction.
 a) $\frac{73}{10}$ b) $\frac{73}{100}$ c) $\frac{73}{1000}$ d) $\frac{7.3}{100}$
- 28) $3.63 \times 4 = \square$
 a) 14.52 b) 7.63 c) 12.42 d) 14.42
- 29) If area of a square is 144 cm^2 , then its side is ____
 a) 11 cm b) 12 cm c) 13 cm d) 14 cm
- 30) $\square \overline{) 819}$ Find the quotient.
 a) 81 b) 90 c) 91 d) 901
- 31) $35 \times 8 \times 3 = 24 \times \square$
 a) 1 b) 3 c) 8 d) 35
- 32) $\frac{5}{7} \div \frac{40}{35} = \square$
 a) $\frac{40}{49}$ b) $\frac{5}{8}$ c) $\frac{8}{5}$ d) $\frac{6}{7}$
- 33) $\frac{1}{3} - \frac{3}{17} = \square$
 a) $\frac{2}{14}$ b) $\frac{2}{17}$ c) $\frac{8}{51}$ d) $\frac{3}{51}$
- 34) $a - 195 = 273$ $\therefore a = \square$
 a) 468 b) 78 c) 122 d) 368
- 35) 100 minutes = $\square$ hours $\square$ minutes.
 a) 2 hrs 10 mins b) 1 hr 40 mins c) 1 hr 30 mins d) 2 hrs 40 mins
- 36) $6 \times 30 \square 18 \times 10$ Compare and put appropriate sign.
 a) $>$ b) $<$ c) $=$ d) None of these
- 37) 24 units = $\square$ dozens.
 a) 2 b) 3 c) 4 d) $2\frac{1}{2}$
- 38) If $1.63 \times 13.5 = 22.005$ then $0.163 \times 1.35 = \square$
 a) 220.05 b) 22.005 c) 2.2005 d) 0.22005

- 39) Which least number should be added to 2718 to get resulting number divisible by 5?
 a) 4 b) 1 c) 2 d) 3
- 40) Side of a square is 30 cm. Find its perimeter.
 a) 120 cm b) 900 cm c) 60 cm d) 90 cm
- 41) 50% of 300 =
 a) 200 b) 150 c) 175 d) 250
- 42) Double of 250 =
 a) 125 b) 500 c) 450 d) 600
- 43) $8 \times a = 96$ $\therefore a =$
 a) 12 b) 768 c) 952 d) 13
- 44) How many currency notes of 20 will be required to make 1000?
 a) 100 b) 40 c) 50 d) 500
- 45) $135 + 2490 \times 0 =$
 a) 0 b) 2625 c) 2490 d) 135
- 46) Cost price = 1213, Loss = 200 Find the selling price.
 a) 1013 b) 1200 c) 1000 d) 1413
- 47) Express $\frac{1}{5}$ as a percentage.
 a) 40% b) 10% c) 50% d) 20%
- 48) $61 + 15 - 54 =$
 a) 130 b) 22 c) - 22 d) 100
- 49) Convert $\frac{15}{4}$ into mixed fraction.
 a) $3\frac{2}{3}$ b) $2\frac{1}{3}$ c) $3\frac{3}{4}$ d) $4\frac{3}{4}$
- 50) Find the equivalent fraction to $\frac{5}{7}$
 a) $\frac{24}{30}$ b) $\frac{10}{45}$ c) $\frac{25}{35}$ d) $\frac{27}{36}$

Section - B

51) Out of 50, Donald scored 48 marks in maths, 41 marks in science, and 46 marks in English, calculate his overall percentage.

- a) 89% b) 90% c) 95% d) 93%

52) Find the missing number.

2	□	1	8
+	1	4	2
3 7 3 8			

- a) 3 b) 5 c) 2 d) 1

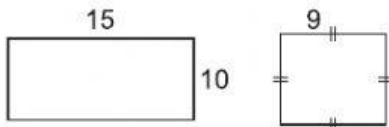
53) If $A = 10 \div 5$, $B = 100 \div 10$, then find the value of $A \times B$

- a) 20 b) 12 c) 8 d) 25

54) Find the area of the square whose perimeter is 80 cm.

- a) 20 cm^2 b) 400 cm^2 c) 320 cm^2 d) 6400 cm^2

55) Find the difference between area of rectangle and area of square.



- a) 114 b) 14 c) 69 d) 86

56) Sum of 2 times 3 and three times 4 is ____

- a) 6 b) 10 c) 18 d) 24

57) $189 + 376 + 65 = ?$

- a) 254 b) 630 c) 603 d) 565

58) Find the sum of the predecessor and successor of 608.

- a) 1216 b) 1217 c) 1218 d) 1219

59) The perimeter of a garden 200 m. A double fencing of wire has to be put around the garden. What will be the cost of wire at the rate of 5 per m?

- a) 1000 b) 2000 c) 4000 d) 6000

60) A bus left a town at 12:30 pm and reached the other city at 18.05 pm. How long did the journey take?

- a) 6 hrs 35 mins b) 5 hrs 45 mins c) 5 hrs 35 mins d) 6 hrs 25 mins

61) Out of 7539 voters 3127 men and 2754 women cast their votes. How many voters did not vote?

- a) 5881 b) 2412 c) 1648 d) 1658

62) 4, 8, 16, 32, _____ Find the next number in series.

- a) 48 b) 64 c) 80 d) 128

63) $150 + 35 = ?$

- a) 41×5 b) 46×4 c) 37×5 d) 55×3

64) $20\% \text{ of } 200 + 10\% \text{ of } 100 = ?$

- a) 50 b) 30 c) 40 d) 45

65) START



Find the START number.

- a) 17 b) 99 c) 3 d) 15

66) If cost of 3 chairs is 450, what is the cost of 2 chairs?

- a) 350 b) 300 c) 250 d) 280

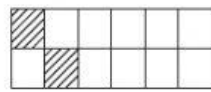
67) 80, 70, 60, A , B Find the sum of A and B

- a) 100 b) 120 c) 90 d) 80

68) The average of 5 consecutive even numbers is 28, find the sum of all these 5 numbers.

- a) 142 b) 140 c) 138 d) 136

69)



How many more boxes must be shaded so that $\frac{1}{3}$ of the figure is shaded?

- a) 2 b) 3 c) 4 d) 5

70) I am two digit odd number. I am a common multiple of 3 and 7, who am I?

- a) 27 b) 35 c) 15 d) 21

71) $8 \times 8 + 7 = 7 + 8 \times \square$

- a) 8 b) 9 c) 7 d) 10

72) $8\frac{1}{5}$ of 500 = ?

- a) 800 b) 900 c) 4100 d) 2000

73) What is the answer if the sum of 160 and 140 is multiplied by their difference?

- a) 6000 b) 4000 c) 3000 d) 2000

74) Tiles with area 1 sq m are used for flooring a room of length 11 m and breadth 7 m. What will be the total cost, if cost of each tile is 10?

- a) 360 b) 770 c) 680 d) 790

75) $0.025 \times a = 4$ then $a = ?$

- a) 100 b) 160 c) 150 d) 125