



MODEL PAPER

Student Name : _____

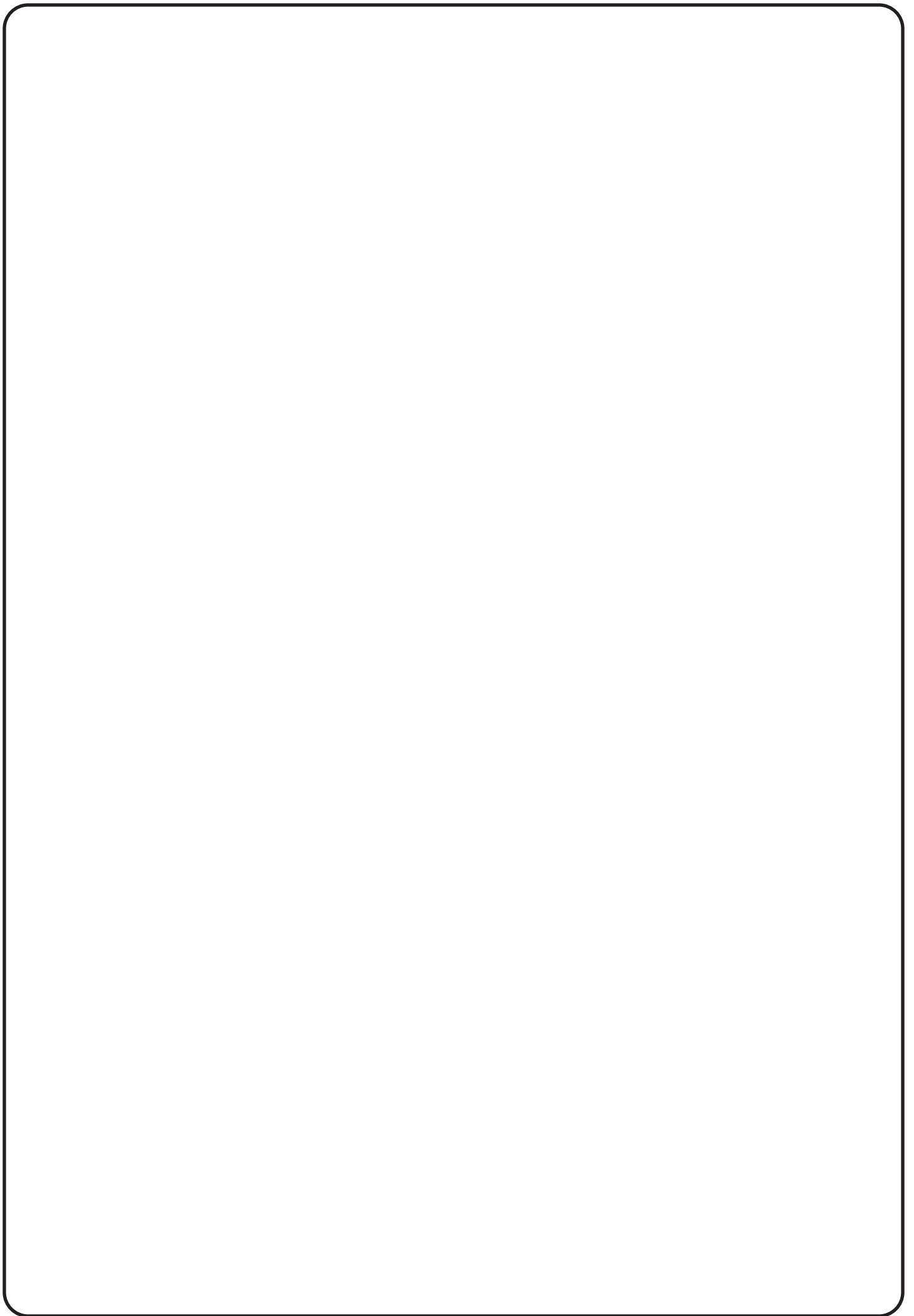
School Name : _____

Seat No. _____ Grade **6** Section _____

Important Instructions

- 1) Check your name and grade on OMR answersheet. Student signature is must on answersheet.
- 2) There are three sections A, B & C. Section A has 10 questions of 1 mark each. Section B has 30 questions of 2 marks each. Section C has 10 questions of 3 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 admit card & their school identity card with them.

Total Marks: / 100





Section - A (1 mark each)

- 1) If Selling Price = 1950, Profit = 175, what is Cost Price?
a) 1775 b) 2125 c) 2175 d) 1750
- 2) 1 hour 8 minutes 20 seconds = seconds
a) 4260 b) 4160 c) 4100 d) 8420
- 3) $454545 + 555555 = ?$
a) 1010100 b) 1010010 c) 901010 d) 9101010
- 4) Write exponent form of $(-6) \times (-6) \times (-6)$
a) -216 b) 216 c) $(-6)^3$ d) $(-6)^{-3}$
- 5) Find the LCM of 24 & 48
a) 24 b) 8 c) 240 d) 48
- 6) $\frac{2}{3} \times \frac{9}{16} = ?$
a) $\frac{3}{8}$ b) $\frac{8}{3}$ c) $\frac{6}{8}$ d) $\frac{9}{48}$
- 7) Which of the following numbers is divisible by 9?
a) 326 b) 345 c) 678 d) 783
- 8) Which of the following numbers has the greatest place value of 5?
a) 0.5102 b) 0.9599 c) 0.8950 d) 0.9995
- 9) Write equivalent fraction of $\frac{4}{12}$ with a numerator 3
a) $\frac{3}{12}$ b) $\frac{3}{9}$ c) $\frac{1}{3}$ d) $\frac{3}{15}$
- 10) -367 -376 Compare and put appropriate sign (<, =, >)
a) > b) = c) < d) None of these

Section - B

(2 marks each)

11) $\frac{2x}{5} + \frac{x}{3} = ?$

a) $\frac{11}{15}$

b) $\frac{11x}{15}$

c) $\frac{7x}{15}$

d) $\frac{13x}{15}$

12) If area of a square is 100 cm^2 , find perimeter of the square.

a) 10 cm

b) 20 cm

c) 80 cm

d) 40 cm

13) Which of the following numbers does not have 7 as a prime factor?

a) 133

b) 154

c) 266

d) 869

14) The product of two negative numbers is always _____ number

a) a negative

b) an odd

c) a positive

d) a prime

15) If $7x - 70 = 7$, find value of 'x'

a) 11

b) 9

c) -9

d) -11

16) 0.5 million = thousand

a) 50

b) 500

c) 5000

d) 1000

17) If Cost Price = 550, Profit = 20%, what is Selling Price?

a) 110

b) 440

c) 660

d) 570

18) 10th odd number after 88 = ?

a) 107

b) 103

c) 101

d) 105

19) Simplify $7x + 19y - (5x - 8y + 15)$

a) $2x + 11y - 15$

b) $2x + 27y - 15$

c) $2x - 27y - 15$

d) $2x - 27y + 15$

20) $2\frac{1}{4}$ $\frac{9}{4}$ Compare and put appropriate sign.

a) <

b) =

c) >

d) None of these

- 21) $0.1 \times 0.1 = ?$
a) 1 b) 0.1 c) 0.01 d) 0.001
- 22) Which of the following is not a prime number?
a) 2 b) 17 c) 23 d) 57
- 23) $45 + 22 - \square = 9 \times 6$
a) 11 b) 13 c) 14 d) 17
- 24) 7 liter 70 ml = \square ml
a) 7070 b) 70070 c) 770 d) 7700
- 25) 5% of 10 = ?
a) 5 b) 50 c) 0.5 d) 0.05
- 26) Convert $\frac{7}{3}$ to a mixed fraction
a) $1\frac{2}{3}$ b) $2\frac{1}{3}$ c) $3\frac{1}{3}$ d) $\frac{10}{3}$
- 27) 1 more than a million = ?
a) 1000001 b) 100001 c) 99999 d) 100000
- 28) 80% of 80 - 100% of 8 = ?
a) 72 b) 56 c) 66 d) 64
- 29) Find the HCF of 34, 36 & 30
a) 4 b) 5 c) 2 d) 6
- 30) $x \div \frac{1}{4} = ?$
a) $\frac{x}{4}$ b) $\frac{1}{4}$ c) $4x$ d) None of these

- 31) If Cost Price = 1200 & Selling Price = 1332, what is profit %?
a) 11% b) 10% c) 20% d) 16.50%
- 32) $2.815 - 0.0815 = ?$
a) 2 b) 2.7335 c) 2.1 d) 2.185
- 33) Express $\frac{2}{6}$ in terms of percent
a) 2.60% b) 30% c) 33.33% d) 62%
- 34) $0.05 + 0.55 = ?$
a) 0.6 b) 0.555 c) 0.0555 d) 0.06
- 35) Half of 678 - triple of 78 = ?
a) 105 b) 115 c) 95 d) 106
- 36) Convert $\frac{4}{5}$ to a decimal fraction
a) 0.45 b) 0.8 c) 0.08 d) 4.5
- 37) Write 4.8 as a percent
a) 4.80% b) 0.48% c) 48% d) 480%
- 38) $36 \div 0.9 = ?$
a) 4 b) 0.04 c) 40 d) 0.4
- 39) $\frac{9}{15} + \frac{2}{10} = ?$
a) $\frac{4}{5}$ b) $\frac{60}{150}$ c) $\frac{11}{15}$ d) $1\frac{1}{5}$
- 40) Find perimeter of rectangle having length 10.75 m & breadth 6.25 m
a) 66 m b) 34 m c) 68 m d) 72 m

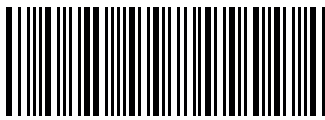
Section - C

(3 marks each)

- 41) What % of 700 is 7?
a) 7% b) 1% c) 10% d) 49%
- 42) If $8x + 24 = 144$, find value of 'x'
a) 12 b) 14 c) 15 d) 16
- 43) Which of the following fractions is the biggest? $\frac{1}{2}$, $\frac{2}{3}$, $\frac{3}{4}$, $\frac{4}{5}$
a) $\frac{1}{2}$ b) $\frac{2}{3}$ c) $\frac{3}{4}$ d) $\frac{4}{5}$
- 44) $24 \div 4 + 2 \times 5 \div 2 = ?$
a) 20 b) 10 c) 11 d) 12
- 45) If the ratios 2:3 & x:12 are in direct proportion, what's the value of x
a) 4 b) 8 c) 16 d) None of these
- 46) $(4)^2 \times (3)^3 \times \left(\frac{1}{2}\right)^4 = ?$
a) 108 b) 54 c) 9 d) 27
- 47) When 138 is divided by a number, it gives quotient of 8 and 2 as remainder, what was that number?
a) 11 b) 12 c) 17 d) 13
- 48) Find the average of first four multiples of 20
a) 48 b) 45 c) 50 d) 55
- 49) 10% of the students in a class failed in the exam while 45 students passed. How many total number of students were there in the class?
a) 45 b) 50 c) 60 d) 40
- 50) A shopkeeper sold an article for 960 and incurred 40% loss, what was his cost price?
a) 1344 b) 1400 c) 1560 d) 1600



Do NOT write in this box
Seat Number



Paper

- A
- B
- C
- D
- E
- F
- G
- H
- I

Student Name :

School Name :

Seat No..... Grade Section Paper

STOP HERE

Student's Signature

Invigilator's Sign

INSTRUCTIONS FOR FILLING THE SHEET

1. This OMR Answersheet is pre-printed with student details. Verify the details before you start.
2. Use pencil or blue / black ball point pen to fill the circles.
3. Circles should be darkened completely and properly.
4. Do not scribble anywhere on the answersheet or its back side.
5. This sheet should not be folded or crushed.
6. Do not use marker or white fluid to hide the mark.

WRONG METHODS



CORRECT METHOD



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- A B C D**
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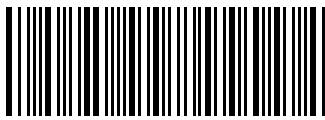
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Do NOT write in this box
Seat Number



Paper

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- B
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Model Paper Answer Key

Seat No..... Grade **6** Section Paper

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WRONG METHODS



CORRECT METHOD



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