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## SECTION - I

اروو
01.

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(4) ايكسالمّمبكرينا
م
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02.

"قدربنا
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قركى
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قركرن
03. (Display)
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(4) بلنرى

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(4) (4) اسعَلاوه






علمكايميت
ث ثإين اردواسكول
(1) צڭڭ
(3) جـس
16.

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5 (4)
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3 (2)
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18.
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23.
(3) حزيْ (4) جناب
~1 (2)







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\begin{align*}
& \text { (2) انر ، اكمر ، زاز }  \tag{1}\\
& \text { (4) زاز ، اكر ، اوز }  \tag{3}\\
& \text { اكم ، افُ ، ز زاز }
\end{align*}
$$



## SECTION - II

## MATHEMATICS

26. Which of the following statements is false?
(1) Cuboid is three dimensional.
(2) Cuboid has 12 edges.
(3) All surfaces of a cuboid are square in shape.
(4) Length, breadth and height of a cuboid can be measured.
27. How will you write twenty two thousand two hundred and fifty in international number system?
(1) 22150
(2) २२940
(3) २२२५0
(4) 22250
28. What is the perimeter of the adjacent figure?

(1) 16 cm
(2) 36 cm
(3) 18 cm
(4) 30 cm

## SPACE FOR ROUGH WORK

## SECTION - II

راينى

$$
\begin{align*}
& 26 . \tag{1}
\end{align*}
$$

$$
\begin{align*}
& 27 . \tag{4}
\end{align*}
$$



29. Dilip purchased a motorcycle for Rs. 35900 . He spent Rs. 3780 on its repairs. After some days, he sold the motorcycle for Rs. 40750. How much profit did he make in this transaction?
(1) Rs. 1070
(2) Rs. 4850
(3) Rs. 36970
(4) Rs. 32120
30. At a ration shop, 85 sacks of wheat, 50 sacks of rice and 15 sacks of tur dal was available for sale. If every sack contained 40 kg of grains, How much grains in kilograms, were available for sale?
(1) 150 kg
(2) 600 kg
(3) 6000 kg
(4) 4000 kg
31. Which amongst $>,<$ or $=$ will be appropriate to fill in the boxes between, the below given fractions.

(1) $=,>$
(2) $<,<$
(3) $>,<$
(4) $=,<$
32. Pick out the wrong statement from the given statements.
(1) The product of any number and zero is zero.
(2) Multiplication of odd number with other odd number results in even number.
(3) Multiplicant $\times$ Multiplier $=0$. Then either Multiplicant or Multiplier is zero.
(4) When same digit appears at the one's place in two numbers then 8 will not appear in one's place of their product.

## SPACE FOR ROUGH WORK




$$
\begin{align*}
& \text { ॐ } 4850 \text { (2) }  \tag{1}\\
& \text { پ } 1070 \\
& \text { پ } 36970  \tag{3}\\
& \text { ॐ } 32120 \tag{4}
\end{align*}
$$




$$
\begin{equation*}
\text { (2) } 600 \text { كوكُرام } \tag{2}
\end{equation*}
$$

6000 كاكُرام


$$
\begin{array}{ll}
<,<(2) & =,> \\
=,<(4) & >,<
\end{array}
$$

$$
\begin{align*}
& 0 \tag{2}
\end{align*}
$$



## رنسكمعِيْاكجَّم

33. Roshni needed 1 hr .30 min . to travel from Nagpur to Wardha. She took rest for 15 min . She completed Wardha to Yavatmal distance journey in 1 hr .50 min . If Roshni had started from Nagpur at 10 in the morning then at what time will she reach Yavatmal?
(1) 20 min . past 1
(2) 35 min . past 3
(3) 35 min . past 1
(4) 35 min . past 12
34. The labour charge to paint a rectangular wall at the rate of Rs. 45 per sq.m. is Rs. 2700. If the length of the wall is 15 m , what must be the breadth of the wall?
(1) 3 m
(2) 180 m
(3) 60 m
(4) 4 m
35. $12 \mathrm{~kg}+1350 \mathrm{gm}=$ How much?
(1) 1362 kg
(2) 1362 gm
(3) 13.350 kg
(4) 13.350 gm
36. Yogesh received Rs. 72 and 5 paisa as interest on his deposits in bank. How will you write this in decimal form?
(1) Rs. 72.05
(2) Rs. 72.5
(3) Rs. 72.50
(4) Rs. 72.005
37. A merchant bought 300 sacks of wheat at Rs. 2500 per quintal. Due to heavy rains, 70 sacks of grains were destroyed. He sold the remaining sacks at the rate of Rs. 2700 per quintal. How much profit or loss did he make in this transaction?
(1) Rs. 60000 profit
(2) Rs. 129000 loss
(3) Rs. 175000 loss
(4) Rs. 46000 profit

## SPACE FOR ROUGH WORK


 كت .ب.

$$
\begin{equation*}
32 \text { نُّكر } 35 \text { نثط } 35 \text { نث } \tag{2}
\end{equation*}
$$

(1) 1 نُكر 20 ثن
(3) 1 (3) 35 نُك 35 نت

(2) 180 (2)
(4)
(1)
(3) 60 (3)

$$
\begin{equation*}
\text { ? كنا= } 1350 \text { گرام } 12 \text { كوكُرام } \tag{35.}
\end{equation*}
$$

$$
\text { (4) (2) } 13.350 \text { گرام }
$$

كا 1362 (1)
13.350


$$
\begin{array}{r}
72.5 \\
\text { رو } 72.005  \tag{1}\\
\text { رو }
\end{array}
$$

72.05

ॐ 72.50
 37.


 ا 60000 رو (1) 175000

## 

38. For flood victims at Kolhapur, 5 social organisations contributed Rs. 12870, Rs. 13850 , Rs. 9640 , Rs. 25390 , Rs. 7450 respectively. How much total relief fund was collected?
(1) Rs. 126250
(2) Rs. 222910
(3) Rs. 66750
(4) Rs. 69200
39. During a 3 day Drama festival, at the auditorium, out of 1250 seats, $12 \%$ seats remained vacant on the first day, $10 \%$ seats were vacant on second day and on third day $4 \%$ seats remained vacant. How many seats remained vacant in total, during the three days?
(1) 150
(2) 250
(3) 325
(4) 350
40. If $15^{\text {th }}$ March is Monday, then which day will occur 5 times, in that month?
(1) Thursday
(2) Wednesday
(3) Friday
(4) Saturday
41. If the radius of a circle is $\frac{7}{2} \mathrm{~cm}$, then what is its diameter in cms ?
(1) 3.5 cm
(2) 14 cm
(3) 3.5 m
(4) 7 cm
42. The numbers $78312,78135,78351$ and 78531 are arranged in descending order. What will be the sum of the $1^{\text {st }}$ number and $3^{\text {rd }}$ number from the right side?
(1) 156882
(2) 156447
(3) 156843
(4) 156446

## SPACE FOR ROUGH WORK

 38.


$$
\text { (222910 رو } 229
$$

$$
126250 \text { (1) }
$$

$$
\text { (3) } 66750 \text { روپ }
$$


39.


$$
250
$$

$$
150
$$

350 (4)
325 (3)

40.
(2) بـ ?
(4) (4)

2? (3)
اكيوارَك 60نفتم
41.
(2)
(1)

م (4)
78312, 78135, 78351, 78531

156447 (2) 156882 (1)

156446 (4)

## 

43. Fifteen litres two hundred ml . - Thirteen litres five hundred and thirty ml . = How much?
(1) Two litres six hundred and seventy ml .
(2) 1.670 ml .
(3) One litre six hundred and seventy ml .
(4) 2.670 ml .
44. Which of the following is completely divisible by 3 ?
(1) 7553
(2) 1733
(3) 2352
(4) 9851
45. Which of the following expressions is equivalent to the fraction $\frac{14}{35}$ ?
(1) $\frac{3}{7}-\frac{2}{7}$
(2) $\frac{8}{5}-\frac{6}{5}$
(3) $\frac{4}{5}+\frac{3}{5}$
(4) $\frac{5}{7}+\frac{2}{7}$
46. Pranav wants to buy a plot for Rs. 2417300 but he has Rs. 712300 with him. He will have to arrange the remaining amount from bank loan. How much amount should he borrow as loan?
(1) Rs. Seventeen lakhs five thousand
(2) Rs. Seventeen lakhs fifty thousand
(3) Rs. Seventeen lakhs
(4) Rs. Seventeen lakhs five thousand and three hundred
47. 12 hours 18 min . 6 hrs .45 min . $=$ how much?
(1) 5 hrs .73 min .
(2) 5 hrs .33 min .
(3) 5 hrs .78 min .
(4) 6 hrs. 27 min .

## SPACE FOR ROUGH WORK

1.670 (2) 2.670 (4)

1733 (2)

$$
7553
$$

9851 (4)

$$
2352 \text { (3) }
$$


45.

$$
\begin{align*}
& \frac{8}{5}-\frac{6}{5}  \tag{2}\\
& \frac{5}{7}+\frac{2}{7} \tag{4}
\end{align*}
$$


-

تزّ


6
5
5


$$
\begin{aligned}
& \text { ? }
\end{aligned}
$$

48. What is the sum of all the divisors of 90 ?
(1) 233
(2) 228
(3) 204
(4) 234
49. If the fractions are arranged in ascending order, what will be double of the fraction at the second last place?
$\frac{1}{4}, \frac{1}{7}, \frac{1}{8}, \frac{1}{2}, \frac{1}{5}$
(1) $\frac{2}{7}$
(2) $\frac{2}{5}$
(3) $\frac{1}{2}$
(4) $\frac{2}{2}$
50. Ramesh and Sudha deposited same amount at two different places. Ramesh got interest at 8 p.c.p.a. and Sudha got interest at 7.5 p.c.p.a. If Ramesh has got Rs. 500 more than Sudha, then find the amount that Ramesh had deposited.
(1) Rs. 100000
(2) Rs. 50000
(3) Rs. 7500
(4) Rs. 150000
51. Choose the correct option to fill in the box.
$932004-\square=59896$
(1) 991900
(2) 927892
(3) 857898
(4) 872108

## SPACE FOR ROUGH WORK

228 (2)
234 (4)
233
(1)

204
(3)
$\frac{2}{5}$
(2)
(4)
$\frac{2}{7}$
$\frac{1}{2}$
(1)
50.
 رُتج كمقّ؟

50,000 (2)
1,00,000 (1)
7,500 (3)

932004- $\square=59896$
51.

پوكن يّ
927892 (2)
872108 (4) 991900 (1)

857898 (3)

## 

52. Rutuja had some amount. She distributed it among 47 students. When she gave Rs. 50 to each student, Rs. 37 were left with her. How much amount did she have?
(1) Rs. 2350
(2) Rs. 2387
(3) Rs. 2313
(4) Rs. 1897
53. 2 lakhs +13 thousands +72 hundreds +38 tens +13 units $=$ ?
(1) 220593
(2) 213733813
(3) 22033813
(4) 220393
54. 2 tens +3 units +5 hundredth +8 one tenth $=$ ?
(1) 23.58
(2) 2358
(3) 238.5
(4) 23.85
55. Select the incorrect option from the given alternatives.

1 Ream = $\qquad$ papers
(1) 20 quires
(2) 40 gross
(3) 480 sheets
(4) 40 dozen
56. The sum of two numbers is 39.62 . If one number is 1.259 then what will be the other number?
(1) 2.703
(2) 27.03
(3) 38.361
(4) 40.879

## SPACE FOR ROUGH WORK

 52.


2387 (2)
1897 (4)
2350 (1)
2313 (3)
? 213733813 (2) 220593 (1) 22033813 (3)

2358 (2)
ك كتّا 8 ?
23.85 (4)

$$
\begin{equation*}
23.58 \text { (1) } \tag{54.}
\end{equation*}
$$

$$
238.5
$$


55.

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\text { 6نز } 1 \text { = } 1 \text { ري }
$$

$$
\text { (4) } 40 \text { (20 رُكرون }
$$

$$
\text { (1) } 20 \text { وت }
$$

$$
480 \text { (3) }
$$

56. 

$$
\begin{equation*}
27.03 \quad \text { (2) } \tag{2}
\end{equation*}
$$

2.703
(1)
40.879 (4)
38.361 (3)

57. What will be the simple interest on the principal of Rs. 5000 at 7 p.c.p.a in 3 years?
(1) Rs. 10500
(2) Rs. 105
(3) Rs. 1500
(4) Rs. 1050
58. Neha walks daily to complete 5 rounds along a triangular ground whose every side is 100 m . Then, How much distance does she cover walking around the ground in one week?
(1) 12 km
(2) 3 km 500 m
(3) 14 km 500 m
(4) 10 km 500 m
59. Select the correct option from the following expressions.
(1) $24-12+3 \times 5=27$
(2) $18-10+3 \times 2=2$
(3) $15 \times 12-2+4=176$
(4) $18+30 \div 3 \times 2=32$
60. Which of the following angles has measured less than $\frac{1}{4}$ times of $360^{\circ}$ ?
(1) Right angle
(2) Obtuse angle
(3) Acute angle
(4) Reflex angle

## SPACE FOR ROUGH WORK

57. 

$$
\begin{align*}
& \text { ॐ } 105  \tag{2}\\
& \text { پ } 10500  \tag{1}\\
& \text { そو } 1500 \tag{3}
\end{align*}
$$



$$
\begin{align*}
& \text { (3) (3) } \\
& 10 \text { ككميمُ } 500 \text { بئم } \tag{4}
\end{align*}
$$

59. 

$$
\begin{array}{r}
24-12+3 \times 5=27 \\
18-10+3 \times 2=2 \\
15 \times 12-2+4=176 \\
18+30 \div 3 \times 2=32 \tag{4}
\end{array}
$$

60. 

متزجزاوي (1) قامَمزاوي

مكّرْزاوري
(4)
(3) حارةّزاوي

رنس
61. There are 1600 students in a school. What will be the number of boys in the school, if there are $48 \%$ girls?
(1) 768
(2) 832
(3) 52
(4) 640
62. Joseph bought 2 pens at the rate of Rs. 12 and 50 paisa and 5 pencils at the rate of Rs. 5 and 25 paisa. How much amount did he spend on his purchase?
(1) Rs. 17.75
(2) Rs. 51.25
(3) Rs. 35.25
(4) Rs. 37.25
63.

(1) $\frac{127}{84}$
(2) $\frac{7}{14}$
(3) $\frac{127}{14}$
(4) $\frac{1}{2}$
64. Double of the common factors of two co-prime numbers is $\qquad$ .
(1) Smaller of the two co-prime numbers.
(2) Greater of the two co-prime numbers.
(3) 1
(4) 2

## SPACE FOR ROUGH WORK


832 (2)
640 (4)
768
52

62. زي
ॐ 51.25 (2)
پ ر
17.75
ॠو 35.25 (3)
そو 37.25 (4)
63.

$\frac{127}{84}$
$\frac{7}{14} \quad$ (2)

$\frac{1}{2} \quad(4)$
$\frac{127}{14}$
$؟_{4}$
 64.



2 (4)

## 

Instruction for Question No. 65 and 66.
Solve the questions referring to the pictorial diagram given.
Scale : (1 Yys $=20$ trees)

| Participating schools in tree plantation | No. of trees planted |
| :---: | :---: |
| Dnyanda Vidyalaya |  |
| Vidya Niketan School |  |
| Z. P. Primary School |  |
| Sadhana Vidyalaya |  |
| Adarsh Vidyalaya |  |

65. How many more trees did Dnyanada Vidyalaya plant than Sadhana Vidyalaya?
(1) 1
(2) 9
(3) 20
(4) 50
66. How many trees were planted in all, by the participating schools during the tree plantation programme?
(1) 17
(2) 340
(3) 20
(4) 170
67. Eight thousand seven hundred and twelve + Twelve thousand seven hundred and fifty $=$ How much?
(1) 21462
(2) 22462
(3) 20962
(4) 21962

## SPACE FOR ROUGH WORK

65. 

9 (2)
50 (4)
.
17 (1)
340 (2)
170 (4)
20 (3)

$$
22462 \text { (2) }
$$

$$
21962
$$

$$
\begin{array}{r}
67 .  \tag{3}\\
21462(1) \\
20962(3)
\end{array}
$$

66. 

## 

$$
\begin{aligned}
& \text { توانبْ 65 اور } 66 \text { كـِلِّبايت : }
\end{aligned}
$$

68. Soham exchanged 6 notes of Rs. 2000 with equal number of notes of Rs. 100 and Rs. 50. How many notes of Rs. 100 will he get?
(1) 120
(2) 40
(3) 80
(4) 160
69. Using the digits $3,2,5,0,8$ atleast once, a smallest 6 digit odd number is formed. What will be the product of the digits at one's and hundred's place?
(1) 24
(2) 40
(3) 15
(4) 16
70. Nisha sold an article at Rs. 1730 which she had purchased at Rs. 1350. How much profit or loss did she make?
(1) Rs. 420 profit
(2) Rs. 380 loss
(3) Rs. 420 loss
(4) Rs. 380 profit
71. A cube is formed by folding the adjoining figure. Which digit will not appear on the cube, to the adjacent side of 4 ?
(1) 16
(2) 36
(3) 25

(4) 9

## SPACE FOR ROUGH WORK

 68.


$$
40 \quad(2)
$$

$$
160
$$

120 (1)
80 (3)
69.


40 (2)
24 (1)
16 (4)
15 (3)
ث6
70.

$$
\begin{equation*}
420 \text { روپ } \tag{2}
\end{equation*}
$$

420

|  | 1 |
| :---: | :---: |
|  | 9 |
| 4 |  |
| 36 | 16 |


16 (1)
36 (2)
25 (3)
9 (4)


$$
\begin{align*}
& 380  \tag{1}\\
& 380 \tag{4}
\end{align*}
$$

72. Which of the following statements is FALSE, with respect to triangular numbers and square numbers.
(1) Half the product of 2 consecutive numbers gives a triangular number.
(2) 1 is triangular as well as square number.
(3) When a number is multiplied by the number itself, the result is a square number.
(4) The product of two consecutive numbers is a triangular number.
73. What will be the $5^{\text {th }}$ number, from left side when the 2 digit numbers divisible by 12 are arranged in descending order?
(1) 60
(2) 12
(3) 48
(4) 36
74. Out of 12 km 300 m distance, Afroz covered 9 km 500 m distance on bicycle. She covered the remaining distance running. How much distance, did she cover running?
(1) 2.8 km
(2) 2.800 m
(3) 3.200 m
(4) 21.800 km
75. For a trip in the month of May, Swara booked air tickets in advance for Rs. 5780. Due to some reason, she had to cancel the ticket. She got an amount back with the deduction of $30 \%$. How much loss did she suffer?
(1) Rs. 1734
(2) Rs. 1534
(3) Rs. 1724
(4) Rs. 1504

## SPACE FOR ROUGH WORK

12 ~ 12
12 (2)
60 (1)
36 (4)
48
74.

品 2.800 (2)
2.8
(4) 21.800 بئم
3.200 (3)
 75.


$$
\begin{equation*}
\text { (2) } 1534 \text { روپ } \tag{1}
\end{equation*}
$$

$$
1734
$$

$$
\begin{equation*}
1724 \text { روپ } \tag{3}
\end{equation*}
$$

## 

$$
\begin{align*}
& 1 \tag{1}
\end{align*}
$$

## 

