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## SSC CPO SI MOCK TEST - 03 (SOLUTION)

1. (B) Given
$\qquad$ $\mathrm{L}-\neq \Rightarrow \gtrless$
Given expression $A \mid B \times C \Rightarrow A<B=C$ because option (B) follows the given expression here because $\mathrm{C}-\mathrm{B}+\mathrm{A}$ means $\mathrm{C} \geq \mathrm{B}>\mathrm{A}$, one of which meaning is $\mathrm{A}<\mathrm{B}=$ C
2. (C) 2 M C 3 K
$(2 \mathrm{M}=\mathrm{N})(2 \mathrm{~N}+3 \mathrm{~K})$
( $2 \mathrm{~N}+3 \mathrm{~K}$ )
$2 \times 2 \mathrm{M}>3 \mathrm{~K}($ since $\mathrm{N}=2 \mathrm{M}$ )
$4 \mathrm{M}>3 \mathrm{~K}$
4 M is not more than 3 K , then 2 M is less than 3 K .
Hence 2 M C 3 K is correct.
3. (B) $(15+12) \div 9=3$ and $(44+28) \div 9=8$

Similarly,
$(64+53) \div 9=13$
4. (B)

5. (C) 1

6. (D) $54-30=24$ and $112-42=70$

Similarly,
$x-28=38$
$\therefore x=38+28=66$
7. (D) $216-7=209 \Rightarrow 209-7=202$ and $522-7=515 \Rightarrow 515-7=508$
Similarly,
$633-7=626 \Rightarrow 626-7=619$
8. (B)
9. (B)

10. (A)

11. (A)
12. (A) $a \underline{\boldsymbol{a}} \underline{\boldsymbol{b}} b / a b b a / \underline{\boldsymbol{a}} a b b / a \underline{\boldsymbol{b}} b a$
13. (A) AZ B $\underline{\mathbf{Y}}, \mathrm{A} Z \underline{\mathbf{B}} \mathrm{Y}, \mathrm{A} \underline{\mathbf{Z}} \mathrm{B} Y, \underline{\mathbf{A}} \mathrm{Z} \mathrm{B} \mathrm{Y}$
14. (C)

15. (D) (A)

(B)

(C)

(D)

16. (B)
17. (A)
18. (B) (A) $7 \times 11-3=74$
(B) $9 \times 11-3=96 \neq 97$
(C) $4 \times 11-3=41$
(D) $6 \times 11-6=63$
19. (B) Given set $=\underset{\substack{1+4 \uparrow \\\lfloor\underline{\lfloor(1+5) \times 2 \uparrow}}}{ } 12$

Similarly, in option (B)
20. (A)

21. (B)

22. (D)

23. (B)


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24. (D)

25. (B) Total age of father and son $=22 \times 2$

$$
=44 \text { years }
$$

Father : Son
101
$\therefore$ Son's age $=\frac{1}{10+1} \times 44=4$ years
26. (B) Veni $>$ Smith $>$ Raju $>$ Salim
27. (B) G E N E R A T E
28. (C) Q U A I N T
29. (B) According to question, the odd numerical value of HOTEL will be -
$\begin{array}{ccccc}\text { H } & \text { O } & \text { T } & \text { E } & \text { L } \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 15 & 29 & 39 & 9 & 23\end{array}$
HOTEL $=15+29+39+9+23$

$$
=115
$$


Similarly,

31. (A) $29 \times 48 \Rightarrow 2 \times 9 \times 4 \times 8=576$
$35 \times 16 \Rightarrow 3 \times 5 \times 1 \times 6=90$,
$22 \times 46 \Rightarrow 2 \times 2 \times 4 \times 6=96$ and
Similarly,
$42 \times 17 \Rightarrow 4 \times 2 \times 1 \times 7=56$
32. (C) 12 P 6 M 15 T 16 B 4
$\Rightarrow 12 \times 6+15-16 \div 4$
$\Rightarrow 12 \times 6+15-4$
$\Rightarrow 72+15-4$
$\Rightarrow 87-4=83$
33. (B)


Meaningful word

34. (C)

Place Value


Similarly,

Place Value

| F | R | A | N | C | E |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ | $\downarrow$ |
| 6 | 18 | 1 | 14 | 3 | 5 |
| $\times 2$ | $\times 2$ | $\times 2$ | $\times 2$ | $\times 2$ | $\frac{\times 2}{2}$ |
| 12 | 36 | $\frac{\times 2}{28}$ | $\frac{10}{10}$ |  |  |

35. (A)

(Here $=\mathrm{DA}=\mathrm{CB}=\Rightarrow 2 \mathrm{~km}$ )
Required distance $\mathrm{AE}=\mathrm{DE}-\mathrm{DA}$

$$
\begin{aligned}
& =3-2 \\
& =1 \mathrm{~km}
\end{aligned}
$$

36. (C)


According to given direction the faces of Rani and Sarita will be East and South direction with respect to x .
37. (D)
38. (B)


Conclusion I $-\checkmark$
II - $\times$
39. (B)
40. (B) 41 (A)
42. (C)

43. (B)


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44. (A)

45. (A)
46. (B) 47. (C)
48. (A)
49. (D)
50. (D) The numerical groups of PLAY will be -

P-15, 43
L-36, 65
A - 42, 46, 62
Y-45
101. (A) Given $\frac{x}{y}=\frac{6}{5}$

Then $\frac{6}{7}-\frac{5 x-y}{5 x+y}$
$\Rightarrow \frac{6}{7}-\frac{y\left[5 \frac{x}{y}-1\right]}{y\left[5 \frac{x}{y}+1\right]} \Rightarrow \frac{6}{7}-\frac{\left(5 \times \frac{6}{5}-1\right)}{\left(5 \times \frac{6}{5}+1\right)}$
$\Rightarrow \frac{6}{7}-\frac{5}{7} \Rightarrow \frac{1}{7}$
102. (B) $\frac{\sqrt{7}+\sqrt{5}}{\sqrt{7}-\sqrt{5}}+\frac{\sqrt{7}-\sqrt{5}}{\sqrt{7}+\sqrt{5}}$
$\Rightarrow \frac{(\mathrm{a}+\mathrm{b})^{2}+(\mathrm{a}-\mathrm{b})^{2}}{\mathrm{a}^{2}-\mathrm{b}^{2}}=\frac{2\left(\mathrm{a}^{2}+\mathrm{b}^{2}\right)}{\mathrm{a}^{2}-\mathrm{b}^{2}}$
$\Rightarrow \frac{2(7+5)}{7-5}=12$
103. (D) Mr. More's spends $($ Total $)=$

$$
\begin{aligned}
& 20 \%+15 \%+65 \times \frac{(30+40)}{100} \\
& \Rightarrow 35 \%+45.5 \%=80.5 \% \\
& \quad \text { Saving }=100-80.5=19.5 \% \\
& \Rightarrow 19.5 \%=8775
\end{aligned}
$$

Then $100 \%=₹ 45000$
104. (A) According to the question :

Let the original fraction is $=\frac{x}{y}$
$\Rightarrow$ New $=\frac{3 x}{5 y}$ ( $x$ is increased by $200 \% \& y$
by $400 \%$ )
$\Rightarrow \frac{3 x}{5 y}=1 \frac{1}{20}=\frac{21}{20}$
$\Rightarrow \frac{\mathrm{x}}{\mathrm{y}}=\frac{7}{4}=1 \frac{3}{4}$
105. (A) Let the number is $\Rightarrow 10 \mathrm{x}+\mathrm{y}$ Now according to the question $(10 y+x)-(10 x+y)=54$. $\qquad$
and $y=x^{2} \ldots \ldots$ (II)
$\Rightarrow$ Putting the value of (II) in (I)
$\Rightarrow 10 x^{2}+x-10 x-x^{2}=54$

$$
\Rightarrow x^{2}-x=6
$$

$\Rightarrow \mathrm{x}=3$ and $\mathrm{y}=9$
Number $=39$
$40 \%$ of the number $=15.6$
106. (B) Speed of the Train $=60 \mathrm{~km} / \mathrm{hr}$

$$
=\frac{60 \times 5}{18}=\frac{50}{3} \mathrm{~m} / \mathrm{sec}
$$

Time to cross the 170 m . long train
$\Rightarrow \frac{170+110}{\frac{50}{3}} \Rightarrow \frac{280 \times 3}{50}$
$\Rightarrow \frac{84}{5}=16.8$ second
107. (C) Time $=\frac{\text { Distance }}{\text { Speed }}$

So. $\mathrm{T}_{1}: \mathrm{T}_{2}: \mathrm{T}_{3}=\frac{\mathrm{D}_{1}}{4}: \frac{\mathrm{D}_{2}}{3}: \frac{\mathrm{D}_{3}}{5}$
(Here $\mathrm{D}_{1}=\mathrm{D}_{2}=\mathrm{D}_{3}$ )
$\mathrm{T}_{1}: \mathrm{T}_{2}: \mathrm{T}_{3}=15: 20: 12$
108. (D) $a+b=36$ $\qquad$
$a \times b=3 \times 105$
divide (I) by (2)
$\frac{1}{a}+\frac{1}{b}=\frac{4}{35}$
109. (C) According to the question $\Rightarrow 387$ is the multiple of 43
So, remainder after dividing by

$$
43 \Rightarrow \frac{48}{43} \Rightarrow 5
$$

110. (A) $\frac{999 \times 99+98}{99} \times 99$

$$
\begin{aligned}
& \Rightarrow 999 \times 99+98 \\
& \Rightarrow 98999
\end{aligned}
$$

111. (D) Real cost of the land $=$

$$
\Rightarrow 3,45,600 \times \frac{100}{120} \times \frac{100}{120} \times \frac{100}{120}
$$

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$\Rightarrow$ ₹ $2,00,000$
112. (B) given $\frac{\mathrm{R}}{\mathrm{S}}=\frac{4}{9}, \frac{\mathrm{~S}}{\mathrm{~T}}=\frac{1.5}{14}, \frac{\mathrm{~T}}{\mathrm{C}}=\frac{5}{2}$

So, $\frac{R}{C}=\frac{R}{S} \times \frac{\mathrm{S}}{\mathrm{T}} \times \frac{\mathrm{T}}{\mathrm{C}}=\frac{4}{9} \times \frac{1.5}{14} \times \frac{5}{2}=\frac{5}{42}$
it means $\Rightarrow 42 R=5 C$
So , $11 \mathrm{C}=\frac{42}{5} \times 11 \mathrm{R}$
According to the question
If $2.5 \mathrm{R}=₹ 12.5$
$1 \mathrm{R}=₹ 5$
So, $\frac{42}{5} \times 11 \mathrm{R}=\frac{42}{5} \times 11 \times 5$

$$
\text { = ₹ } 462
$$

113. (B) $0.9,0 . \overline{9}=0.9999$ $\qquad$
$0.0 \overline{9}=0.09999 \ldots \ldots$.
$0 . \overline{09}=0.090909$ $\qquad$
So, $0 . \overline{9}$ is greatest
114. (B) Ratio of the ages $=3: 2$
difference of ratio $=1$
So , 1 ratio $=5$ years (According to question.).
So, 2 ratio $=10$ years.
115. (C) $\frac{1.49 \times 14.9-0.51 \times 5.1}{14.9-5.1}$
$\Rightarrow \frac{22.201-2.601}{9.8}=\frac{19.6}{9.8}=2.00$
116. (B) (0.04) ${ }^{-1.5}$
$\Rightarrow(0.04)^{-3 / 2} \Rightarrow(0.2)^{2 \times-\frac{3}{2}}$
$\Rightarrow(0.2)^{-3}=\frac{1}{(0.2)^{3}}=\frac{1}{0.008}$
$\Rightarrow \frac{1000}{8}=125$
117. (B) $\mathrm{LCM}=(3,4,5,6,7,8)$

$$
=840
$$

When 10000 is divided by 840 leaves remainder $=760$
$\therefore$ So the number will be
$=10000+(840-760)$
$=10080$
118. (C) $1+2+3$ $\qquad$ $.10=55$
if we multiply by (6) both the sides then $\Rightarrow 6+12+18$ $\qquad$ $.60=55 \times 6$ $\Rightarrow 330$
119. (B)According to the question:
$17=\frac{85+3 \times 5+x}{6}$
( x is the age of son)
$\mathrm{x}=102-100=2$ years
120. (A) According to the question:

$$
\begin{aligned}
& 32+4=\frac{32 \times 10+x}{11} \\
& \Rightarrow 36=\frac{320+x}{11} \\
& \Rightarrow x=396-320 \Rightarrow 76 \mathrm{runs}
\end{aligned}
$$

121. (C) Let the triangles:

$\Rightarrow \Delta=\frac{1}{2} \times \mathrm{p} \times \mathrm{b}$
According to the question:
$\frac{\Delta_{1}}{\Delta_{2}}=\frac{\mathrm{a}}{\mathrm{b}}$ and $\frac{\mathrm{b}_{1}}{\mathrm{~b}_{2}}=\frac{\mathrm{x}}{\mathrm{y}}$
$\Rightarrow$ So,$\frac{\Delta_{1}}{\Delta_{2}}=\frac{\mathrm{P}_{1}}{\mathrm{P}_{2}} \times \frac{\mathrm{b}_{1}}{\mathrm{~b}_{2}}$
$\Rightarrow \frac{\mathrm{a}}{\mathrm{b}}=\frac{\mathrm{P}_{1}}{\mathrm{P}_{2}} \times \frac{\mathrm{x}}{\mathrm{y}}$
$\Rightarrow \frac{P_{1}}{P_{2}}=\frac{a y}{b x}=a y: b x$
122. (A) Area of the regular hexagon

$$
\begin{gathered}
=\frac{3 \sqrt{3}}{2}(\text { side })^{2} \\
\text { given side }=2 \sqrt{3} \mathrm{~cm} \\
\Delta=\frac{3 \sqrt{3}}{2} \times(2 \sqrt{3})^{2}=\frac{3 \sqrt{3}}{2} \times 12 \\
=18 \sqrt{3} \mathrm{~cm}^{2}
\end{gathered}
$$

123. (A) According to
the figure.
$\Rightarrow$ Lotus sinks
in water 10 cm away from its place
So, the water $=5 \mathrm{~cm}$. deep

124. (D) $\sqrt{(7+3 \sqrt{5})(7-3 \sqrt{5})}$
$\Rightarrow \sqrt{49-45}$
$=\sqrt{4}=2$
125. (C) $(2153)^{167}$
$\Rightarrow$ dividing the Power by 4
$\Rightarrow \frac{167}{4}$ Leaves the remainder (3)
So $(3)^{3}=27$
So, unit digit will be (7)
126. (C)
$\frac{\frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3}+\frac{1}{4} \cdot \frac{1}{4} \cdot \frac{1}{4}-3 \cdot \frac{1}{3} \cdot \frac{1}{4} \cdot \frac{1}{5}+\frac{1}{5} \cdot \frac{1}{5} \cdot \frac{1}{5} .}{\frac{1}{3} \cdot \frac{1}{3}+\frac{1}{4} \cdot \frac{1}{4}+\frac{1}{5} \cdot \frac{1}{5}-\left(\frac{1}{3} \cdot \frac{1}{4}+\frac{1}{4} \cdot \frac{1}{5}+\frac{1}{5} \cdot \frac{1}{3} \cdot\right)}$
$\Rightarrow \frac{a^{3}+b^{3}-3 a b c+c^{3}}{a^{2}+b^{2}+c^{2}-(a b+b c+c a)} \Rightarrow a+b+c$
$\Rightarrow \frac{1}{3}+\frac{1}{4}+\frac{1}{5}=\frac{47}{60}$
127. (A) Initial ratio $=3: 1$

Final ratio = $1: 1$
Let x litres wine drawn off then.
$\frac{3-x}{1+x}=\frac{1}{1}$
$\Rightarrow 3-\mathrm{x}=1+\mathrm{x}$
$\Rightarrow 2 \mathrm{x}=2$
$\Rightarrow \mathrm{x}=1$
$\Rightarrow 1$ is the $\frac{1}{4}$ th of the mixture ratio (3:1).
128. (C) According to the question
$=\frac{8 \times 15+\mathrm{x} \times 6}{8+\mathrm{x}}=10.8$
$\Rightarrow 120+6 \mathrm{x}=10.8 \times 8+10.8 \mathrm{x}$
$\Rightarrow \mathrm{x}=\frac{120-86.4}{4.8}=\frac{33.6}{4.8}=7$
129. (C) Let the third number $=x$

So, Second $=3 \mathrm{x}$
and First $=6 x$
$\Rightarrow$ According to the question

$$
\begin{aligned}
& =\frac{x+3 x+6 x}{3}=100 \\
\Rightarrow x & =30 \& 6 x=180
\end{aligned}
$$

130. (D)


Waste pipe can drain waste 6 unit per
hour So 1 unit will fill in 1 hour.
$\Rightarrow$ Total time to fill $=\frac{12}{1}=12$ hours .
131. (B) According to the question $=$ Let the marked price be $\mathrm{x} \Rightarrow$
$\Rightarrow \frac{210 \times 120}{100}=\mathrm{x} \times \frac{87.5}{100}$
$x=288$
132. $(\mathrm{C})$ given that $\mathrm{d}=2 \mathrm{n}$
then $2 \mathrm{n}=\frac{1}{2}\{\mathrm{n}(\mathrm{n}-3)\}$
$\Rightarrow 4 n=n^{2}-3 n$
$\Rightarrow \mathrm{n}^{2}=7 \mathrm{n}$
$\Rightarrow \mathrm{n}=7$
133. (C) Speed of the Trains $=$

$$
\begin{aligned}
& \mathrm{T}_{1}=68 \mathrm{~km} / \mathrm{hr} \times \frac{5}{18}=\frac{170}{9} \mathrm{~m} / \mathrm{s} \\
& \mathrm{~T}_{2}=40 \mathrm{~km} / \mathrm{hr} \times \frac{5}{18}=\frac{100}{9} \mathrm{~m} / \mathrm{s} \\
& \Rightarrow \mathrm{~L}_{1}=70 \mathrm{~m} . \mathrm{L}_{2}=80 \mathrm{~m}
\end{aligned}
$$

Time to cross each other $=\frac{70+80}{\frac{170}{9}+\frac{100}{9}}$
$=\frac{150 \times 9}{270}=5$ Second
134. (B) Average Interest

$$
\begin{aligned}
& =\frac{\frac{1}{2} \times 10 \%+\frac{1}{3} \times 9 \%+\frac{1}{6} \times 12 \%}{\frac{1}{2}+\frac{1}{3}+\frac{1}{3}} \\
& \Rightarrow 5 \%+3 \%+2 \% \\
& \Rightarrow 10 \%
\end{aligned}
$$

135. (B) $\mathrm{A}=(2,7), \mathrm{B}=(4,-1), \mathrm{C}=(-2,6)$
distance between A and B

$$
\begin{aligned}
\mathrm{AB} & =\sqrt{\left(\mathrm{x}_{2}-\mathrm{x}_{1}\right)^{2}+\left(\mathrm{y}_{2}-\mathrm{y}_{1}\right)^{2}} \\
& =\sqrt{(4-2)^{2}+(-1-7)^{2}} \\
& \Rightarrow \sqrt{4+64}=\sqrt{68} \\
\mathrm{BC} & =\sqrt{(-2-4)^{2}+\{6-(1)\}^{2}} \\
& =\sqrt{36+49}=\sqrt{85} \\
\mathrm{AC} & =\sqrt{(-2-2)^{2}+(6-7)^{2}} \\
& =\sqrt{16+1}=\sqrt{17}
\end{aligned}
$$

Here $\quad \mathrm{BC}^{2}=\mathrm{AB}^{2}+\mathrm{AC}^{2}$
So, Triangle is right angled.
136. (C) Diagonals of the rhombus

Cuts perpendicular \& bisects
$\Rightarrow \mathrm{BD}=8 \mathrm{~cm}$

$$
\mathrm{AD}=5 \mathrm{~cm}
$$

$\mathrm{AC}=2 \sqrt{5^{2}-4^{2}}$
$=2 \times 3$
$=6 \mathrm{~cm}$.
Area of the rhombus
$=\frac{1}{2} \times \mathrm{d}_{1} \times \mathrm{d}_{2}$
$=\frac{1}{2} \times 8 \times 6 \Rightarrow 24 \mathrm{~cm}^{2}$

137. (A) According to the Question

Let the Price of both the articles.
x and $480-\mathrm{x}$
$\Rightarrow \mathrm{x} \times \frac{85}{100}=(480-\mathrm{x}) \times \frac{119}{100}$
$85 x+119 x=480 \times 119$
$204 \mathrm{x}=480 \times 119$
$x=280$ in loss \& 480-x=200 In profit
138. (C) $\mathrm{AC}=10 \mathrm{~cm}$.

According to the
Triangles property
$\Rightarrow 90^{\circ}+2 \theta+\theta=180^{\circ}$

$$
3 \theta^{\circ}=90^{\circ}
$$

$\Rightarrow \theta=30^{\circ}$
$\Rightarrow 2 \theta=60^{\circ}$
$\Rightarrow \sin 30^{\circ}=\frac{B C}{10} \Rightarrow B C=\frac{10}{2}=5 \mathrm{~cm}$.
$\Rightarrow \sin 60^{\circ}=\frac{\mathrm{AB}}{10} \Rightarrow \mathrm{AB}=\frac{10 \sqrt{3}}{2}=5 \sqrt{3} \mathrm{~cm}$.
Area of the Triangle $=\mathrm{cm}^{2}$
$\frac{1}{2} \times 5 \times 5 \sqrt{3}=\frac{25}{2} \sqrt{3}$

139. (C) Let the Cost price of the $\mathrm{A}=\mathrm{x}$

According to the Question
$\Rightarrow \mathrm{x} \times \frac{120}{100} \times \frac{110}{100} \times \frac{112.5}{100}=14.85$
$\Rightarrow \mathrm{x}=₹ 10$
140. (B)


Total pass $\%=10 \%+75 \%+5 \%$

$$
=90 \%
$$

So, fail $\Rightarrow 10 \%=40$ students

$$
\therefore 100 \%=400 \text { students }
$$

141. (A) Total mixture $=20$ litres
$10 \%$ water $=2$ litres
$\Rightarrow$ Spirit $=18$ litres
if water will be $25 \%$ then spirit $=75 \%$
So $75 \%=18 \Rightarrow 25 \% \Rightarrow 6$ litres.
So, 4 litres must be added to make $25 \%$.
142. (D) $\mathrm{S}_{1}: \mathrm{S}_{2}: \mathrm{S}_{3}=2: 3: 4$

$$
\begin{aligned}
t_{1}: t_{2}: t_{3} & =\frac{D}{S_{1}}: \frac{D}{S_{2}}: \frac{D}{S_{3}} \\
& =\frac{1}{2}: \frac{1}{3}: \frac{1}{4} \\
\Rightarrow t_{1}: t_{2}: t_{3} & =6: 4: 3
\end{aligned}
$$

143. (D) $360^{\circ}=100 \%$
$120^{\circ}=33.33 \%$
So Number of workers travelling by bus

$$
=\frac{1080}{3}=360
$$

144. (A) Cycle + M. Cycle $=1080 \times \frac{60+40}{360}=300$
145. (B) Train + walk $=1080 \times \frac{90+50}{360}=420$
146. (C) $360^{\circ}=100 \%$

$$
90^{\circ}=\frac{100}{360} \times 90=25 \%
$$

147. (C) According to the Question $\Rightarrow \pi\left(\mathrm{r}_{2}\right)^{2}=2 \pi\left(\mathrm{r}_{1}\right)^{2}$

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$$
\begin{equation*}
\frac{\mathrm{r}_{1}}{\mathrm{r}_{2}}=\frac{1}{\sqrt{2}} \tag{I}
\end{equation*}
$$

and $3 \pi\left(\mathrm{r}_{2}\right)^{2}=2 \pi\left(\mathrm{r}_{3}\right)^{2}$
$\frac{\mathrm{r}_{2}}{\mathrm{r}_{3}}=\frac{\sqrt{2}}{\sqrt{3}}$
So, $\mathrm{r}_{1}: \mathrm{r}_{2}: \mathrm{r}_{3}=1: \sqrt{2}: \sqrt{3}$

148. (B) Volume of the tank $=300 \times 140 \times 80$

$$
=3360000 \mathrm{~cm}^{3}
$$

Wasted water in 5 minutes

$$
=100 \times 5 \times 60=30000 \mathrm{~cm}^{3}
$$

According to the Question $3360000=80 \mathrm{~cm}$. height

$$
\begin{aligned}
\therefore 3360000-30000 & =\frac{80}{3360000} \times 3330000 \\
= & 79 \frac{2}{7} \mathrm{~cm} .
\end{aligned}
$$

149. (A) $M=100, D=96, W=1$

According to question
$\mathrm{M}_{1}=100 \quad \mathrm{D}_{1}=\frac{96}{6}=16 \quad \mathrm{~W}_{1}=\frac{1}{7}$
$\mathrm{M}_{2}=x \quad \mathrm{D}_{1}=80 \quad \mathrm{~W}_{2}=\frac{6}{7}$
$\Rightarrow 100 \times 16 \times \frac{6}{7}=x \times 80 \times \frac{1}{7}$

$$
x=120
$$

So, 20 Workers must be added to finish the work in time.
150. (C) $\mathrm{LCM}=(32,40,72)$
$=1440$
$\mathrm{K}=(32-10)=(40-18)=(72-50)$
$=22$
So, minimum number of pebbles

$$
\begin{aligned}
& =1440-22 \\
& =1418
\end{aligned}
$$

## MEANINGS IN ALPHABETICAL ORDER

## Word

Archaic
Artistic
Brood
Clamouring

Coarseness
Commence
Dawn
Decline
Denied
Diminish
Endeavour
Fauna
Firm
Flimsy
Flora
Furies
Hasty
Illegible
Incorrigible
Infested

Instinctively
Invade

Invulnerable
Mingle
Monologue
Prologue
Quieten
Reverence
Sheer
Spy
Wren

Meaning in English
Old and no longer in use
Related to art
Group of young birds that were born at same time
Strong and loud expression of demand from a large number of people
Rough, harsh
Begin
beginning of the day
To say that you cannot do something
To say that something is not true
Become less
Try hard to achieve something
Animal that live in particular area
Solid
Easily broken
Plants that are found in particular area
Violent anger
Hurried
That cannot be read
That cannot be corrected
Of something harmful/to be in or over in a large number (as termites etc.)
Related to or based on instinct or natural tendency Enter a country as an enemy i.e. to take control of it by force
Impossible to harm
To combine, join
A long speech made by one person
An introduction to a book, play etc.
To make someone quiet
Respect
Complete, total
To keep an eye on someone secretly
A small bird with brown feathers and a small tail that points upward

Meaning in Hindi
प्रा ची न एवं चलन मे नही
कला $\overline{\text { 「 }}$ म

का ला हल

ख. रदरा प
आ रं $\mathcal{T}$ हा' ना
दिन की शु रुअ तका समय $\%$
इ ${ }^{-1}$ का र करना
ख ड न करना
हा ट $\quad$ ना
प्रय न करना
किसि एकक्ष ラT के पश्रु
मज्ञू त
कमज' र
क्सि एक्ष्र इग की वनस्पत
प्रक्ष प, गु ₹ स
उ ता वला
अप्ठ नी य
असु ध र्य
कष्ट दा यक से ग्र खतहां ना
(जे से-दी मकसे)
स्हजस्म मे
आ क्रमप करना
जिस नु क्स न न पहु ${ }^{\circ}$ चा य जा
मिलना / हा, ल- मिल जा ना
एका ला प
प्रस ता वना
प $\mathrm{T}^{-}$त करना
आ दर
पू ण तय
जा सू से क्रना
पुन दकी / एक्रका रकी छा' ट

SSC CPO SI MOCK TEST - 03 (ANSWER KEY)

| 1. | (B) | 26. | (B) | 51. | (C) | 76. | (C) | 101. (A) | 126. (C) | 151. (C) | 176. (B) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2. | (C) | 27. | (B) | 52. | (A) | 77. | (B) | 102. (B) | 127. (A) | 152. (A) | 177. (C) |
| 3. | (B) | 28. | (C) | 53. | (B) | 78. | (B) | 103. (D) | 128. (C) | 153. (C) | 178. (B) |
| 4. | (C) | 29. | (B) | 54. | (B) | 79. | (B) | 104. (A) | 129. (C) | 154. (D) | 179. (B) |
| 5. | (C) | 30. | (A) | 55. | (B) | 80. | (C) | 105. (A) | 130. (D) | 155. (B) | 180. (A) |
| 6. | (D) | 31. | (A) | 56. | (C) | 81. | (B) | 106. (B) | 131. (B) | 156. (B) | 181. (B) |
| 7. | (D) | 32. | (C) | 57. | (B) | 82. | (C) | 107. (C) | 132. (C) | 157. (C) | 182. (C) |
| 8. | (B) | 33. | (B) | 58. | (C) | 83. | (B) | 108. (D) | 133. (C) | 158. (C) | 183. (C) |
| 9. | (B) | 34. | (C) | 59. | (B) | 84. | (B) | 109. (C) | 134. (B) | 159. (C) | 184. (C) |
| 10. | (A) | 35. | (A) | 60. | (C) | 85. | (A) | 110. (A) | 135. (B) | 160. (B) | 185. (D) |
| 11. | (A) | 36. | (C) | 61. | (B) | 86. | (C) | 111. (D) | 136. (C) | 161. (C) | 186. (B) |
| 12. | (A) | 37. | (D) | 62. | (A) | 87. | (A) | 112. (B) | 137. (A) | 162. (B) | 187. (C) |
| 13. | (A) | 38. | (B) | 63. | (D) | 88. | (B) | 113. (B) | 138. (C) | 163. (C) | 188. (B) |
| 14. | (C) | 39. | (B) | 64. | (A) | 89. | (C) | 114. (B) | 139. (C) | 164. (B) | 189. (B) |
| 15. | (D) | 40. | (B) | 65. | (C) | 80. | (B) | 115. (C) | 140. (B) | 165. (B) | 190. (A) |
| 16. | (B) | 41. | (A) | 66. | (A) | 91. | (B) | 116. (B) | 141. (A) | 166. (D) | 191. (B) |
| 17. | (A) | 42. | (C) | 67. | (D) | 92. | (B) | 117. (B) | 142. (D) | 167. (C) | 192. (A) |
| 18. | (D) | 43. | (B) | 68. | (C) | 93. | (B) | 118. (C) | 143. (D) | 168. (B) | 193. (A) |
| 19. | (B) | 44. | (A) | 69. | (D) | 94. | (B) | 119. (B) | 144. (A) | 169. (C) | 194. (C) |
| 20. | (A) | 45. | (A) | 70. | (A) | 95. | (D) | 120. (A) | 145. (B) | 170. (A) | 195. (A) |
| 21. | (B) | 46. | (B) | 71. | (A) | 96. | (C) | 121. (C) | 146. (C) | 171. (D) | 196. (D) |
| 22. | (D) | 47. | (C) | 72. | (C) | 97. | (C) | 122. (A) | 147. (C) | 172. (D) | 197. (A) |
| 23. | (B) | 48. | (A) | 73. | (C) | 98. | (C) | 123. (A) | 148. (B) | 173. (B) | 198. (B) |
| 24. | (D) | 49. | (D) | 74. | (C) | 99. | (A) | 124. (D) | 149. (A) | 174. (C) | 199. (D) |
| 25. | (B) | 50. | (D) | 75. | (B) | 100. | (B) | 125. (C) | 150. (C) | 175. (A) | 200. (B) |

151.(C); Infested with - से ग्र ㅈत हा' 'Thffested takes fixed preposition 'with'.
153.(C); Generally when sentence starts, with 'past tense', it ends in 'past tense'.
176. (B); Remove 'will' because in future conditional sentence 'if clause' is in Simple Present.
Formula - If + Simple Present, Simple Future
177. (C); Change 'is' into 'was'. Generally when the sentence starts with past tense, it ends in 'past tense'.
178. (B); Change 'to pay' into 'paying'. The word 'mind' is followed by 'Gerund'.
179. (B); Change 'hardly' into 'hard' which means with great difficulty and is an appropriate word here.
180. (A); Add 'an' before 'umbrella'. Article 'an' is used before indefinite singular countable nouns, which start with vowel sounds.

Note:- Whatsapp with Mock Test No. and Question No. at 7053606571 for any of the doubts. Join the group and you may also share your suggestions and experience of Sunday Mock Test.

Note:- If you face any problem regarding result or marks scored, please contact 9313111777

