## SSC MOCK TEST - 244 (SOLUTION)

1. (C) As,
$\mathrm{P} \xrightarrow{\text { opposite }} \mathrm{K} \xrightarrow{-1} \mathrm{~J}$
$\mathrm{M} \xrightarrow{\text { opposite }} \mathrm{N} \xrightarrow{-1} \mathrm{M}$
$\mathrm{T} \xrightarrow{\text { opposite }} \mathrm{G} \xrightarrow{-1} \mathrm{~F}$
$\mathrm{K} \xrightarrow{\text { opposite }} \mathrm{P} \xrightarrow{-1} \mathrm{O}$
Similarly,
$\mathrm{V} \xrightarrow{\text { opposite }} \mathrm{E} \xrightarrow{-1} \mathrm{D}$
$\mathrm{W} \xrightarrow{\text { opposite }} \mathrm{D} \xrightarrow{-1} \mathrm{C}$
$\mathrm{R} \xrightarrow{\text { opposite }} \mathrm{I} \xrightarrow{-1} \mathrm{H}$
$\mathrm{A} \xrightarrow{\text { opposite }} \mathrm{Z} \xrightarrow{-1} \mathrm{Y}$
2. (D) As,
$(8+7) \times(3+4)=15 \times 7=105$
Similarly,
$(9+9) \times(4+5)=18 \times 9=162$
3. (D) Study of 'Soil' is called 'Pedology'. Similarly, study of 'Bone' is called 'Osteology'.
4. (D) Fork, Knife and Bin are used in kitchen, while Sword is used in battle.
5. (C) Krone, Rial and Peso is a currency of Denmark, Iran and Argentina respectively, while 'Quito' is the capital of 'Ecuador'.
6. (B) (A)

$(8)^{3}$
(C)

$(11)^{3}$
(B)

(D)

$(10)^{3}$
7. (A) 4. Source $\rightarrow$ 2. Encoding $\rightarrow$ 1. Channel $\rightarrow$ 5. Decoding $\rightarrow 3$. Received
8. (D)


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9. (B) $1331 \xrightarrow[12^{2}]{-144} 1187 \xrightarrow[11^{2}]{-121} 1066 \xrightarrow[10^{2}]{-100} 966 \xrightarrow[9^{2}]{-81} 885 \xrightarrow[8^{2}]{-64}$

10. (A) As,


Similarly,

11. (D)

| Front face | X | P | M |
| :--- | :--- | :--- | :--- |
| Opposite face | C | K | O |

12. (B)


Similarly,

13. (C) From column $I^{\text {st }}$,
$5 \times 20 \xrightarrow{\times 10} 1000 \xrightarrow{\div 2} 500$
From column II $^{\text {nd }}$,
$4 \times 16 \xrightarrow{\times 10} 640 \xrightarrow{\div 2} \mathbf{3 2 0}$
From column $3^{\text {rd }}$,
14.(B)

$$
3 \times 12 \xrightarrow{\times 10} 360 \xrightarrow{\div 2} 180
$$



In $\triangle \mathrm{AOB}$,
$\mathrm{AB}=\sqrt{(\mathrm{AP}+\mathrm{PO})^{2}+(\mathrm{OB})^{2}}$
$=\sqrt{(7+5)^{2}+(5)^{2}}=\sqrt{144+25}=\sqrt{169}=13 \mathrm{~km}$
15. (C) As,

| T | A | P | E | R | E | C | O | R | D | E | R |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $!$ | $\#$ | $\&$ | $@$ | $\wedge$ | $@$ | $?$ | $\%$ | $\wedge$ | + | $@$ | $\wedge$ |

Similarly,

$$
\begin{array}{cccccc}
\mathbf{R} & \mathbf{E} & \mathbf{P} & \mathbf{O} & \mathbf{R} & \mathbf{T} \\
\wedge & @ & \& & \% & \wedge & !
\end{array}
$$

16. (B)


## Conclusion:

## I. False <br> II. True

Hence, only conclusion II follows.
17. (C) lmno / onml / lmno
18. (B) $30-6 \times 8+2.6 \div 13$
$=30-48+\frac{2.6}{13}$
$=30-48+0.2$
$=-17.8$
19. (C) I > J .....(i)
$K>L \ldots .$. (ii)
L > I ......(iii)
From (i), (ii) and (iii), we get
K > L > I > J
Hence K is the tallest among them.
20. (D) Required Number $=18+8=26$

Hence, the right option is (D).
21. (B)
22. (C)
23. (D)
24. (B)
25. (C)
26. (C)
27. (C) Sundarbans - a UNESCO-listed World Heritage Site. Sundarban has world's largest mangrove forest which is home to wide range of fauna, including 260 bird species, the Bengal tiger and other threatened species such as the estuarine crocodile and the Indian python. It is also home to the rare Irrawaddy dolphin.
29. (A) The World Polio Day is observed on $24^{\text {th }}$ October every year. The day is observed to create awareness about the hazards of the crippling disease. The Day was established by Rotary International over a decade ago to commemorate the birth of Jonas Salk, who led the first team to develop a vaccine against poliomyelitis.
31. (D) Central Vigilance Commissioner and the Vigilance Commissioners would be four years from the date of entering office or till they attain the age of 65 years, whichever is earlier.
33. (C) During his five year rule from 1540 to 1545 , Sher Shah Suri set up a new civic and military administration, issued the first Rupiya and reorganised the postal system of India.
34. (D) Two major measures for inflation, which are widely used, are Wholesale Price Index (WPI) and Consumer Price Index (CPI).WPI measures the increase in the prices of a fixed basket of goods prevailing in the wholesale market while CPI measures the increase in the prices of essential commodities purchased by an average consumer prevailing in the retail market. Measured weekly, WPI is the primary inflation measure in India.
35. (B) The earliest evidence of Agriculture in Indian subcontinent is found at Mehrgarh, which is located in Balochistan state of Pakistan.
36. (D) PESB recommended the name of the 1991 batch IAS officer from Madhya Pradesh cadre for the post of CMD. Prior to this appointment, he was serving as the Principal Secretary for urban development and housing department in MP.
38. (A) Abanindranath Tagore had founded Indian Society of Oriental Art in Kolkata to revive he ancient art traditions of India. He was the principal of government school of art and a great artist of modern India.
39. (B) As an ambassador of Emperor James -I, Sir Thomas Roe reached in the court of Mughal Emperor Jehandri at Agra in 1615. Jehangir presented him the Mansab of 400.
40. (B) According to the provisions of article 312, the Parliament can create a new all India service, if resolution to that effect in national interest is passed by the council of states.
42. (B) Central dogma of molecular biology describes the flow of genetic information in cells from DNA to messenger RNA (mRNA) to protein.
43. (A) Michelle Kakade from Pune has become the first person to complete the Indian Golden Quadrilateral on foot. She took 193 days, 1 hour $\& 9$ minutes to cover 5968.4 kms of the Golden Quadrilateral that connects the 4-major metros of India. With this, she booked her name in the Guinness Book of World Records for "Fastest time to travel the Indian Golden Quadrilateral on foot (female)" across 57 major cities in India and on the India' most valuable and largest highway project.
44. (A) Mount Vinson is the highest peak in Antarctica, with an elevation of 16,066 feet (4,897 ters). It is located on the southern part of the main ridge of the Sentinel Range of the Ellsworth Mountains.
45. (A) The Sakas came to India through the Bolan Pass. They were a Scythian tribe or group of tribes of Iranian origin.
48. (B) The Itaipu hydroelectric power plant is second largest hydropower plant in Brazil. The project is located on the Parana River, at the border between Brazil and Paraguay. Itaipu dam with an installed capacity of $14,000 \mathrm{MW}$ ranks as the world's second largest hydropower plant.
49. (D) The bulk of the Central Government subsidies arise on the provision of economic services, which account for $88 \%$ of the total subsidies $(10 \%$ on merit services and $78 \%$ on nonmerit).
51. (A) $x+y=1$
$x^{3}+y^{3}-x y-\left(x^{2}-y^{2}\right)^{2}$
$=\left\{(x+y)\left(x^{2}+y^{2}-x y\right)-x y\right\}-\left\{(x+y)^{2}(x-y)^{2}\right\}$
$\left.=1\left\{(x+y)^{2}-2 x y-x y\right\}-x y-\left[(x)^{2}\left\{(x+y)^{2}-4 x y\right)\right\}\right]$
$=1\{1-3 x y\}-x y-\left[1\left\{(1)^{2}-4 x y\right\}\right]$
$=1-3 x y-x y-1+4 x y=0$
52. (D) Let the market price of shirt be ₹ $x$.

Cost price of shopkeeper $=₹ \mathrm{x}-10 \%$ of $₹ \mathrm{x}$

$$
=\left(x-\frac{x}{10}\right)=₹ \frac{9 x}{10}
$$

Price marked by shopkeeper $=₹\left(\frac{9 x}{10}+230\right)$
Selling price of shopkeeper $=₹\left(\frac{9 x}{10}+230\right) \times\left(1-\frac{5}{100}\right)$
$=₹\left(\frac{9 x}{10}+230\right) \times \frac{19}{20}$
Profit $=$ S.P - C.P $=\left\{\left(\frac{9 x}{10}+230\right) \times \frac{19}{20}\right\}-\frac{9 x}{10}$

ATQ,
$\left(\frac{9 x}{10}+230\right) \times \frac{19}{20}-\frac{9 x}{10}=205$
$\Rightarrow \frac{9 x}{10} \times \frac{19}{20}-\frac{9 x}{10}=205-\frac{23 \times 19}{2}$
$\Rightarrow \frac{9 x}{10}\left(\frac{19}{20}-1\right)=\frac{410-437}{2}$
$\Rightarrow \frac{9 \mathrm{x}}{10} \times \frac{-1}{20}=\frac{-27}{2}$
$\because \mathrm{x}=\frac{27}{2} \times 20 \times \frac{10}{9}$
$\therefore \mathrm{x}=300$
Selling price of shopkeeper $=\left(\frac{9 x}{10}+230\right) \times \frac{19}{20}=\left(\frac{9 \times 300}{10}+230\right) \times \frac{19}{20}$
$=500 \times \frac{19}{20}=₹ 475$
53. (C) We know that

The HCF of $\left(a^{m}-1\right)$ and $\left(a^{n}-1\right)$ is ( $\left.a^{\text {HCF of } m, n}-1\right)$
$\operatorname{HCF}$ of $\left(5^{129}-1\right)$ and $\left(5^{78}-1\right)=\left(5^{\text {HCF of } 129 \text { and } 78}-1\right)$
$=\left(5^{3}-1\right)\{\mathrm{HCF}$ of 129 and 78 is 3$\}=125-1=124$
54. (C) Let the price of sugar be ₹ $100 / \mathrm{kg}$ and his consumption 1 kg .

New price of sugar $=₹ 100+50 \%$ of $100=₹ 150 / \mathrm{kg}$
Now, he wanted to expenditure on sugar after increase in price $=₹ 100+20 \%$ of $₹ 100=₹ 120$
Quantity of sugar in ₹ 120 at new price $=\left(\frac{1000}{150} \times 120\right) \mathrm{gm}=800 \mathrm{gm}$
Decrease in consumption $=(1000-800) \mathrm{gm}=200 \mathrm{gm}$
$\%$ decrease $=\left(\frac{200 \times 100}{1000}\right) \%=20 \%$
55. (D) $\mathrm{OX}=\mathrm{OY}$ (radius of circle)
$\angle \mathrm{XOY}=30^{\circ}$
Area of $\Delta \mathrm{OXY}=\frac{1}{2} \times \mathrm{a} \times \mathrm{b} \times \sin \theta$
$=\left(\frac{1}{2} \times 14 \times 14 \times \sin 30^{\circ}\right) \mathrm{cm}^{2}=49 \mathrm{~cm}^{2}$
Area of the circle $=\pi r^{2}=\frac{22}{7} \times 14 \times 14=616 \mathrm{~cm}^{2}$
Area of shaded portion $=$ Area of circle - Area of $\Delta \mathrm{OXY}$
$=616 \mathrm{~cm}^{2}-49 \mathrm{~cm}^{2}=567 \mathrm{~cm}^{2}$
56. (C)


In $\triangle \mathrm{BDC}$,
$\mathrm{BD} \perp \mathrm{AC}$
$\mathrm{BC}^{2}=\mathrm{BD}^{2}+\mathrm{CD}^{2}$ (Phythagoras theoram)
$\mathrm{BC}=\sqrt{(4)^{2}+(3)^{2}}=5 \mathrm{~cm}$
We know that
$\mathrm{BD}^{2}=\mathrm{AD} \times \mathrm{CD}$
$\Rightarrow 4^{2}=\mathrm{AD} \times 3$
$\Rightarrow \mathrm{AD}=\frac{16}{3} \mathrm{~cm}$
$\mathrm{AC}=\mathrm{AD}+\mathrm{CD}=\left(\frac{16}{3}+3\right)=\frac{25}{3} \mathrm{~cm}$
In $\triangle \mathrm{ABC}$,
$\mathrm{AB}^{2}+\mathrm{BC}^{2}=\mathrm{AC}^{2}$
$\Rightarrow \mathrm{AB}^{2}+(5)^{2}=\left(\frac{25}{3}\right)^{2}$
$\Rightarrow \mathrm{AB}^{2}=\frac{625}{9}-25$
$\Rightarrow \mathrm{AB}^{2}=\frac{400}{9}$
$\therefore \mathrm{AB}=\sqrt{\frac{400}{9}}=\frac{20}{3} \mathrm{~cm}$
57. (D)


2 days work of Lokesh $=4 \times 2=8$
4 days work of Rahul $=5 \times 4=20$
Remaining work in completed by Salman
Total work completed by Salman = 100-(8+20)=72
$\%$ of work completed by Salman $=\left(\frac{72 \times 100}{100}\right) \%=72 \%$
58. (B)


In $\triangle \mathrm{OXY}$,
$\because \mathrm{OX}=\mathrm{OY}$ (radius of circle)
$\therefore \angle \mathrm{OXY}=\angle \mathrm{OYX}=80^{\circ}$
$\angle \mathrm{XOY}=180^{\circ}-(\angle \mathrm{OXY}+\angle \mathrm{OYX}) \quad$ \{sum of angle of $\Delta$ is $\left.180^{\circ}\right\}$
$\angle \mathrm{XOY}=180^{\circ}-\left(80^{\circ}+80^{\circ}\right)=20^{\circ}$
We know that,
Radius is perpendicular to the tangent
$\angle \mathrm{OXP}=90^{\circ}$
$\angle \mathrm{OYP}=90^{\circ}$
In $\square$ PXOY
$\angle \mathrm{XPY}+\angle \mathrm{OYP}+\angle \mathrm{YOX}+\angle \mathrm{OXP}=360^{\circ}$ \{sum of angles of quadrilateral $\}$
$\Rightarrow \angle \mathrm{XPY}+90^{\circ}+20^{\circ}+90^{\circ}=360^{\circ}$
$\therefore \angle \mathrm{XPY}=360^{\circ}-200^{\circ}=160^{\circ}$
59. (D) Let the speed of stream be $x \mathrm{~km} / \mathrm{hr}$.

Speed of boat in down stream $=(x+20) \mathrm{km} / \mathrm{hr}$
Speed of boat in upstream $=(20-x) \mathrm{km} / \mathrm{hr}$
ATQ,
$\frac{30}{x+20}=\frac{20}{20-x}$
$\Rightarrow 3(20-\mathrm{x})=2(\mathrm{x}+20)$
$\Rightarrow 60-3 \mathrm{x}=2 \mathrm{x}+40$
$\Rightarrow 5 \mathrm{x}=20$
$\therefore \mathrm{x}=\frac{20}{5}=4 \mathrm{~km} / \mathrm{hr}$

## Short-trick:

Speed of stream $=\left(\frac{30-20}{30+20}\right) \times 20$
$=\left(\frac{10}{50} \times 20\right) \mathrm{km} / \mathrm{hr}=4 \mathrm{~km} / \mathrm{hr}$
60. (A) Officer Other-staff


3 : 2
Ratio number of officer to other staff $=3: 2$
Number of officer $=\left(\frac{3}{2} \times 36\right)=54$
61. (B) Compound interest for 2 years $=₹ 2700$

Simple interest for 2 years $=₹ 2500$
Simple interest for 1 year $=\frac{2500}{2}=₹ 1250$
Difference between CI and SI for 2 years = ₹ 2700 - ₹ $2500=$ ₹ 200
Rate $=\frac{200 \times 100}{1250}=16 \%$ p.a.
62. (A) Let the share of Nikhil, Sanjur, Amrit and Ankur be ₹ a , ₹ b , ₹ c and ₹ d respectively.

ATQ,
$4 \mathrm{a}=5 \mathrm{~b}=12 \mathrm{c}=6 \mathrm{~d}=\mathrm{k}($ Let $)$
$\mathrm{a}: \mathrm{b}: \mathrm{c}: \mathrm{d}=\frac{\mathrm{k}}{4}: \frac{\mathrm{k}}{5}: \frac{\mathrm{k}}{12}: \frac{\mathrm{k}}{6}=15: 12: 5: 10$
Share of Nikhil $=2730 \times \frac{15}{15+12+5+10}=2730 \times \frac{15}{42}=₹ 975$
Share of Amrit $=2730 \times \frac{5}{15+12+5+10}=2730 \times \frac{5}{42}=₹ 325$
Required answer = ₹ 975 - ₹ 325 = ₹ 650
63. (B) $14.4+(16.8 \div 0.24 \times 0.4)-10 \times 6 \div 0.10+6$
$=14.4+(70 \times 0.4)-10 \times 60+6$
$=14.4+28-600+6$
$=48.4-600$
$=-551.6$
64. (C)


Let $A B$ and $C D$ are the two poles.
$\mathrm{AB}=10 \mathrm{~cm}, \mathrm{CD}=22 \mathrm{~m}$ and $\mathrm{BD}=5 \mathrm{~m}$
$\mathrm{BD}=\mathrm{AE}=5 \mathrm{~m}$
$\mathrm{CE}=\mathrm{CD}-\mathrm{ED}=(22-10)=12 \mathrm{~m}$
In $\triangle \mathrm{CAE}$,
$\mathrm{AC}^{2}=\mathrm{AE}^{2}+\mathrm{CE}^{2} \quad$ (Pythagoras theorem)
$\Rightarrow \mathrm{AC}^{2}=(5)^{2}+(12)^{2}$
$\Rightarrow \mathrm{AC}=\sqrt{169}$
$\therefore \mathrm{AC}=13 \mathrm{~m}$
Hence, distance between their top will be 13 m .
65. (C) Option (C) is false because if two triangles are similar, then ratio of its area will be ratio of square of its corresponding sides.
66. (A) Diameter of cone $=14 \mathrm{~cm}$

Radius of cone $=\frac{14}{2} \mathrm{~cm}=7 \mathrm{~cm}$
Curved surface area of cone $=\pi r l$
Slant height of cone $=\frac{\text { Area }}{\pi \mathrm{r}}=\frac{550}{\frac{22}{7} \times 7} \mathrm{~cm}=25 \mathrm{~cm}$
Height of cone $=\sqrt{1^{2}-\mathrm{r}^{2}}=\sqrt{(25)^{2}-(7)^{2}}=\sqrt{576} \mathrm{~cm}=24 \mathrm{~cm}$
Volume of cone $=\frac{1}{3} \pi r^{2} h$
$=\frac{1}{3} \times \frac{22}{7} \times 7 \times 7 \times 24=1232 \mathrm{~cm}^{2}$
67. (C) Distance between two points $=\sqrt{\left(x_{2}-x_{1}\right)^{2}+\left(y_{2}-y_{1}\right)^{2}}$

Distance between $\mathrm{AB}=\sqrt{(6-2)^{2}+\{8-(-4)\}^{2}}$
$=\sqrt{(4)^{2}+(12)^{2}}=\sqrt{16+144}=\sqrt{160}=4 \sqrt{10}$
Distance between $\mathrm{BC}=\sqrt{(8-6)^{2}+(14-8)^{2}}=\sqrt{(2)^{2}+(6)^{2}}$
$=\sqrt{4+36}=2 \sqrt{10}$ units
Distance between AC $=\sqrt{(8-2)^{2}+\{14-(-4)\}^{2}}=\sqrt{(6)^{2}+(18)^{2}}=\sqrt{36+324}$
$=\sqrt{360}=6 \sqrt{10}$ units
$\mathrm{AB}+\mathrm{BC}=\mathrm{AC}$
Hence, points $\mathrm{A}, \mathrm{B}$ and C form a straight line.
68. (C) $24^{3}-40^{3}+16^{3}$

We know that
$a^{3}+b^{3}+c^{3}=3 a b c$ if
$a+b+c=0$
$24-40+16=0$
So, $24^{3}-40^{3}+16^{3}=3 \times 24 \times 40 \times 16=2^{10} \times 3^{2} \times 5$
Hence, it is divisible by all given numbers in the options.
69. (A) $\sin \left(-450^{\circ}\right)=-\sin \left(450^{\circ}\right) \quad(\because \sin (-\theta)=-\sin \theta)$

$$
\begin{aligned}
& =-\sin \left(2 \pi+\frac{\pi}{2}\right)=-\sin \frac{\pi}{2} \quad(\because \sin (2 \pi+\theta)=\sin \theta) \\
& =-1\left(\because \sin \frac{\pi}{2}=1\right)
\end{aligned}
$$

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70. (A) $\frac{(4+4 \sin \theta)(2-2 \sin \theta)}{(2+2 \cos \theta)(1-\cos \theta)}=\frac{4(1+\sin \theta) 2(1-\sin \theta)}{2(1+\cos \theta)(1-\cos \theta)}$

$$
\begin{aligned}
& =\frac{8\left(1-\sin ^{2} \theta\right)}{2\left(1-\cos ^{2} \theta\right)}=\frac{4 \cos ^{2} \theta}{\sin ^{2} \theta} \quad\left\{\because \sin ^{2} \theta+\cos ^{2} \theta=1\right\} \\
& =4 \cot ^{2} \theta \\
& =\frac{4}{\tan ^{2} \theta}=\frac{4}{\left(\frac{1}{4}\right)^{2}}=4 \times 16=64
\end{aligned}
$$

71. (D) $a-\frac{1}{3 a}=4$

Squaring both sides
$\left(a-\frac{1}{3 a}\right)^{2}=(4)^{2}$
$\Rightarrow \mathrm{a}^{2}+\frac{1}{9 \mathrm{a}^{2}}-2 \cdot \mathrm{a} \cdot \frac{1}{3 \mathrm{a}}=16$
$\Rightarrow \mathrm{a}^{2}+\frac{1}{9 \mathrm{a}^{2}}=16+\frac{2}{3}=\frac{50}{3}$
$a-\frac{1}{3 a}=4$
cubing both sides,

$$
\begin{aligned}
& \left(a-\frac{1}{3 a}\right)^{3}=(4)^{3} \\
& \Rightarrow a^{3}-\frac{1}{27 a^{3}}-3\left(a \cdot \frac{1}{3 a}\right)\left(a-\frac{1}{3 a}\right)=64 \\
& \Rightarrow a^{3}-\frac{1}{27 a^{3}}-4=64 \\
& \Rightarrow a^{3}-\frac{1}{27 a^{3}}=68 \\
& \Rightarrow\left(a^{2}+\frac{1}{9 a^{3}}\right)\left(a^{3}+\frac{1}{27 a^{3}}\right)=\left(\frac{50}{3} \times 68\right)=\frac{3400}{3} \\
& =1133 \frac{1}{3}
\end{aligned}
$$

72. (C) Mobile phones sold by Apple $=\frac{30}{40} \times 100=75 \%$

Mobile phones sold by Nokia $=\left(\frac{40}{55} \times 100\right) \%=72.72 \%$
Mobile phones sold by Samsung $=\left(\frac{70}{80} \times 100\right) \%=87.5 \%$
Mobile phones sold by Moto $=\left(\frac{60}{75} \times 100\right) \%=80 \%$
Hence, mobiles phones sold by Samsung is maximum.
73. (B) Unsold mobiles of Apple $=(40,000-30,000)=10,000$

Unsold mobiles of Nokia $=(65,000-40,000)=25,000$
Unsold mobiles of Samsung $=(80,000-70,000)=10,000$
Unsold mobiles of Moto $=(75,000-60,000)=15,000$
Unsold mobiles of one-plus $=(35,000-35,000)=0$
Average number unsold mobiles of all the companies
$=\frac{10,000+25,000+10,000+15,000}{5}=\frac{60,000}{5}=12,000$
74. (C) Total production of phone in all companies $=(40+55+80+75+35)=285$ thousands

Required $\%=\left(\frac{55}{285} \times 100\right)=19.30 \% \approx 19 \%$
75. (A) Unsold mobile phones of Apple $=(40-30)=10$

Unsold mobiles phones of Nokia $=(55-40)=15$
Required ratio $=10: 15=2: 3$

## MEANINGS IN ALPHABETICAL ORDER

Ailments
Blues
Capricious
Depression
Despair
Dirge
Docile
Effete
Elation
Elevation

Extravagance
Flattering

Humiliation
Infallible
Irrevocable
Merriment
Quack
Reduction

Relinquish
Remittance
Render


Sensuous
Shrewd
Stinging
Tenacious
Tropical

An illness
Feelings of melancholy, sadness, or depression
Of strange nature
A state of feeling sad
Be without hope
A lament for the dead
Ready to accept control or instruction; submissive
Having lost character, vitality, or strength
Great happiness
The action or fact of raising or being raised to a higher or more important level, state, or position

Wastefulness
(of a person or their remarks) full of praise and compliments

A feeling of being ashamed or a state of disgrace
Incapable of making mistakes or being wrong
Not able to be changed, reversed
Cheerfulness
A person, who dishonestly pretends to have medical skills
The action or fact of making something smaller or less in amount, degree, or size

Give up
A a sum of money sent in payment
Provide or give (a service, help, etc.)
(of a substance or object) able to recoil or spring back into shape after bending, stretching, or being compressed
The refusal to accept or comply with something
Make an attack or assault in return
Sparkling or shining brightly
Relating to the senses
Cunning
Feeling a sharp tingling or burning pain or sensation
Tending to keep a firm hold of something
Peculiar to the tropics

रा ग
अवस द, निरा प T
स्सकी
अवस द, निरा प T
निरा प्र
प्र T' कगी त
अ ज्ञ $T$ का री
निर्ब ल
हषा $\dagger^{\prime}{ }^{\circ}$ ल ला स
उ न नति

पि जू लख ची ${ }^{\text { }}$
प्र स्र सा पू प ${ }^{`}$ चा फ्लू

अप्मा न, निरा दर
अचू क
अर्परवर्त नी य
हण ${ }^{`}$
झा' ला छा पड $\mathrm{T}^{`}$ कट
कट $T^{\wedge}$ ती

छा' ड. दे ना, $\overline{\text { г }}$ य गम
q ${ }^{1}$ जे गई रकम
सेवा / स्हा यता आ दि दे
लची ला

प्र तिरा' ध
जा बी हमला करना
चमक्ता हु आ
का मु क
धू त , चा ला क
चु ${ }^{\top} \mathrm{T}$ ता हु आ
दृ ढ
उ षप क्टट बं धि य

## SSC MOCK TEST - 244 (ANSWER KEY)

1. (C)
2. (D)
3. (D)
4. (D)
5. (C)
6. (B)
7. (A)
8. (D)
9. (B)
10. (A)
11. (D)
12. (B)
13. (C)
14. (B)
15. (C)
16. (B)
17. (C)
18. (B)
19. (C)
20. (D)
21. (B)
22. (C)
23. (D)
24. (B)
25. (C)
26. (C)
27. (C)
28. (D)
29. (A)
30. (A)
31. (D)
32. (B)
33. (C)
34. (D)
35. (B)
36. (D)
37. (B)
38. (A)
39. (B)
40. (B)
41. (C)
42. (B)
43. (A)
44. (A)
45. (A)
46. (C)
47. (D)
48. (B)
49. (D)
50. (B)
51. (A)
52. (D)
53. (C)
54. (C)
55. (D)
56. (C)
57. (D)
58. (B)
59. (D)
60. (A)
61. (B)
62. (A)
63. (B)
64. (C)
65. (C)
66. (A)
67. (C)
68. (C)
69. (A)
70. (A)
71. (D)
72. (C)
73. (B)
74. (C)
75. (A)
76. (C)
77. (B)
78. (D)
79. (A)
80. (C)
81. (C)
82. (D)
83. (A)
84. (C)
85. (C)
86. (D)
87. (C)
88. (B)
89. (B)
90. (D)
91. (A)
92. (D)
93. (D)
94. (D)
95. (C)
96. (D)
97. (D)
98. (B)
99. (C)
100. (B)
101. (C) Change 'would' into 'will'. The sentence is of future conditional sentence. The first action is in Simple Present Tense, so the following sentence should be Future Indefinite Tense.
102. (B) Change 'rather impressed' into 'impressed rather' as 'rather than' must be followed by same structure of words which are two alternatives.
103. (D) The correct spelling of Remittence is Remittance, Resillient is Resilient and Retalaite is Retaliate.
104. (A) The correct spelling of caprecious is capricious, extravagence is extravagance and tenecious is tenacious.
