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## SSC PRE Part-I : General Intelligence and Reasoning MOCK TEST NO <br> 410 \% T FPT: सा मा न यबु द्विमत एवं तर्क क्र कित

Direction (1-3): Select the related word/number/letter-cluster from the given alternatives.


1. Court : Justice : : School : ?

अदा लत: = य य़ : विद्य लय : ?
(1) Teacher/अँय फक
(2) Education/fy
(3) Student/छाラர
(4) Class/कक्षा T
2. PZQW : NXOU :: FISK : ?
(1) EFPJ
(2) FERI
(3) DGQI
(4) HKVM
3. $9: 23:: 13$ : ?
(1) 31
(2) 30
(3) 21
(4) 23

Direction (4-6): Find odd word/number/letter-cluster from the given alternatives.

4. (1) Sport: Ground/ख ल : मै दा न
(2) Cinema: Screen/सिसे मा : स्र न १न
(3) Drama: Stage/ना ट क : मं च
(4) Rubber : Erase/रबर : मिट T ना
5.
(1) 32-41
(2) 62-44
(3) $46-28$
(4) 33-56
6. (1) XYAB
(2) ABDE
(3) PQRS
(4) LMNQ
7. Arrange the following words in the sequence as they appear in English dictionary order.


1. RESIGN
2. REPAIR
3. RESIDUE
4. RESEARCH
5. RESCUE
(1) 45312
(2) 25431
(3) 25413
(4) 54312

Direction (8-10): Select the number that can replace the question mark (?) in the following series.

8. RIAHC : CHAIR : : OGNAM : ?
(1) OGNMA
(2) TANGO
(3) MANGO
(4) ANGMO
9. PNS : OOT : : DBH : ?
(1) PPI
(2) BBI
(3) CCI
(4) DDB
10. $91: ?: 64: 54$
(1) 63
(2) 101
(3) 32
(4) 70
11. Select the number that can replace the question mark (?) in the following series. निम नलिखित त्रंं ख ला में प्र स्ऱ्रीक्की हजाह आ ने वा ली संख का चयम करें।



(1) 0
(2) 2
(3) 11
(4) 12
12. Pointing further to a player in the stadium, Sanjana said, "He is the only son of the only son-inlaw of my grandmother's only son." How is that player's father related to Sanjana?
स्ट` डि यममें एकि ला ड. १ की आ’रसंके तकरते हु एसं जा ने कहा, "वह मे री दा दी के इकला" ते बे ट' के इ बे टा है। "उसखिला ड. १ के पिता का संजा से क्य संबं धहै ?
(A) Cousin/क्कज़ न
(B) Brother $/{ }^{\circ} \mathrm{T}$ T इ
(C) Uncle/चा चा
(D) Husband/पत
13. Three persons $A, B$ and $C$ have different amount of money. If $A$ takes $₹ 8$ from $C$, then $A$ has the equal amount of money as $B$. The total amount of money of $A$ and $B$ is $₹ 82$, then how much money does $B$ has?
 आ $B$ के प सकु लमिला क्र ₹ 82 है , ताB के प सक्तिनी रा शि है ?
(1) ₹45
(2) ₹30
(3) ₹44
(4) ₹34
14. If + stands for division; $\times$ stands for addition; - stands for multiplication; $\div$ stands for subtraction, which of the following is correct?

(1) $15 \div 5 \times 2-6+3=28$
(2) $15 \times 5+2-6 \div 3=56.5$
(3) $15+5-2 \div 6 \times 3=3$
(4) $15-5+2 \times 6 \div 3=41$
15. Some equations have been solved on the basis of a certain operation. Find the correct answer for the unsolved equation on that basis.
कु छ सी क्रण एनिश्चितसं क्रिय के आधरपरलकिएगएहै । इसआ धरषहलन किएगएसी करण के लिएस्मी उ ₹ T र दी जिए
If $73 * 17=45$ and $68 * 40=54$, then find the value of $83 * 15$.
यदि $73 * 17=45$ आ $68 * 40=54$, ता 83 * 15 का मा न ज्ञा त करे ${ }^{*}$ ।
(1) 49
(2) 64
(3) 69
(4) 79
16. In a certain language PROSE is coded as PPOQE, then how will LIGHT coded?

(1) LIGFT
(2) LGGHT
(3) LLGFE
(4) LGGFT
17. How many triangles are there in the given figure below?

नी चे दिएगएचित $T$ मे कितने 今ि $T \% T_{0}$ जहै ?

(1) 34
(2) 36
(3) 30
(4) 29
18. From the given alternative words, select the word which can be formed using the letters of the given word :
नि土 नलिखि त विकल प' मे ' से वह प्र बद चु निएजो दिएगएश बद के अक्ष रा' का प्र य' ग करके बना य जा सकता है CONFIGURATION
(1) CONFIRM
(2) CONJUGAL
(3) FINGER
(4) GOAT
19. From the Venn-diagrams given, which of the Venn-diagram correctly denotes the relation between three groups of people, fans of tennis, cricket players and students?
नी चे दिएगएवे न- आ रे खां में से का न- सा वे न अ रे ख , ट निसके प्र क्रक, क्रिके ट के खि ला ड. १ आ स्की स्ससे निरूप्त करता है ?
(1)

(2)

(3)

(4)

20. A is located to the West of B. C is located at North in between A and B. D is exactly to the South of $B$ and also in line with $B$. In which direction of $C$ is $D$ located?
 $C$ की किसदिश $T$ मे $D$ सिथ $T$ तःहै
(1) South/दक्षिए प
(2) South-East/दक्षि प-पू र्व
(3) West/पश्चिम
(4) South-West/दक्ष्र प - पश्चिम
21. If in a certain code, MAHESH is written as NCIGTJ, then how NEELAM will be coded as same code language?

(1) OGGNCO
(2) OGFNBN
(3) OGFNBO
(4) OGHBNO
22. From the given answer figures, select the one in which the question figure is hidden/embedded. दी गई उ ₹ Tर आ कृतिय' ${ }^{\prime}$ में से उ सउ ₹ Tर आ कृतिका' चु निएजिसें प्र स आ कृति छिपी य निहित है ।

## Question figure/म्र F अ कृति:



Answer figure/उ ₹ T र अ कृ ति
(1)

(2)

(3)

(4)

23. Which answer figure will complete the pattern in the question figure?

का न- से उ ₹ T र अ कृतिप्र स आ कृतिके प्र तिस्मका ? यू रा करे गी
Question figure/म इ अ कृति:


Answer figure/उ ₹ $T$ र अ कृ ति
(1)

(2)

(3)

(4)

24. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how will it appear when opened?

Question figure/म श्ञ अ कृति:


Answer figure/उ ₹ T र अ कृ ति
(1)

(2)

(3)

(4)

25. 60 students participated in one or more of the three competitions, i.e. Quiz, Extempore and Debate. A total 22 students participated either in Quiz only or in Extempore only. 4 students participated in all three competitions. A total of 14 students participated in any of the two competitions only. How many students participated in Debate only?



(A) 30
(B) 20
(C) 40
(D) 45

## Part-II : General Awareness q T FIT : स मा ₹ यजा नक्म री

26. The Red Fort and the Jama Masjid in Delhi stand out as towering achievements of architecture during the reign of $\qquad$
 अ ते है ।
(1) Shah Jahan/ष T हज्ञाँ
(2) Jahangir/ज्जाँ गी र
(3) Aurangzeb/अ रं गजेब
(4) Akbar/अकबर
27. Who was the fifth of the ten Sikh gurus?

दससिक गु रु अ' में से प चवे कौ न थ ${ }^{\prime}$ ?
(1) Guru Angad/गु रु अं गद
(3) Guru Arjan Dev/गु रु अर्ज न दे व
(2) Guru Ramdas/गु रु रा मदा स
(4) Guru Hargobind/गु रु हरगा' बिं द
28. Majuli, the largest river island in the world is located in

मा जु ली, दु निय का स्वसे बड. ा नद़.़.द्वी.प़.. में सिथा तहै
(1) Arunachal Pradesh/अरु प T चलप्र दे प
(2) Assam/अस्म
(3) Nagaland/ना गा लै ड
(4) Uttar Pradesh/उ ₹ T र प्र दे च
29. The 'Friendship Highway' is a road that connects China to $\qquad$ ...
'मै इगी रा जा र्ग ' एस स्ह. कहै , जो ..ची..न..का. से जों ड ती है ।
(1) India/ ${ }^{-1} \mathrm{~T}$ रत
(2) Myanmar/ธ य मा र
(3) Pakistan/प किर ता न
(4) Nepal/ने प ल
30. Which of the following Articles of the Constitution of India is related to the Uniform Civil Code? भागरतके सं विधन के निम नलिखितमे से कौ न- स अनु चछे द यू निष T` र्म सिविलका ड से संबं धि है ?
(1) Article 44/अनु च छे 4 ¢
(2) Article 46/अनु चछे 4 ठ
(3) Article 45/अनु च छ 45
(4) Article 43/अनु च छे4
31. 'Dadasaheb Phalke Lifetime Achievement Award' was recently conferred to which actress?

(1) Waheeda Rehman/वही दा रहमा न
(2) Madhubala/मुध बा ला
(3) Madhuri Dixit/मा धु री दिक्षित त
(4) Shabana Azmi/श बा ना अ जी
32. Which of the following is called the 'popular chamber'?

निम नलिखि तमे ' से किस ' ला' कप्रि यक्ष्ष ' कहा जा ता है ?
(1) Rajya Sabha/रा ज यक् T T
(2) Gram Sabha/ग्र T मस T T
(3) Lok Sabha/ला' कस T T
(4) State Assembly/रा ज यविध नस T T
33. Methyl propane is an isomer of which of the following?

(1) N-Butane/ $\mathrm{N}-$ - यू ट` न (2) N-Pentane/ N -पे ट` न
(3) N -Hexane/ N -हे क सेन
(4) N-Propane/ N-प्र T' पे न

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1997, GROUND FLOOR OPPOSITE MUKHERJEE NAGAR POLICE STATION, OUTRAM LINES, GTB NAGAR, NEW DELHI - 09
34. The process of change from liquid to gas is called $\qquad$ तरल से गै समे परिवर्त न की प्र क्रिय .क़़. $\qquad$ कहा ज ता है ।
(1) Vaporization/वा ठपी करप
(2) Decantation/क्मी
(3) Condensation/सं क्ष ${ }^{`}$ पण
(4) Precipitation/अवक्ष ${ }^{\top}$ प्न
35. What is the SI unit of Force?

बल की SI इका ई क्य है ?
(1) Pascal/प स कल
(2) Boyle/बा यल
(3) Newton/₹ यू टन
(4) Watt/वा ट
36. Name the gland that controls the function of other endocrine glands.

(1) Pancreas/अ = य प य
(2) Adrenal gland/अधित्रि क्रग्र थि
(3) Renal gland/वृ क कग्र थि $T$
(4) Pituitary gland/पिट यू ट री ग्र थि $\uparrow$
37. The Deficiency of which nutrient causes night blindness? किसप ठा कत व की कमी से रता ' धि हा' ती है ?
(1) Vitamin $K /$ विट $T$ मिन
(2) Vitamin $C /$ विट I मिन्ज
(3) Proteins/प्र ${ }^{\top}$ ट $\uparrow$ न
(4) Vitamin A/fिट T मिA
38. The Khadi and village Industries Commission Act was passed in the year $\qquad$

(1) 1948
(2) 1956
(3) 1965
(4) 1964
39. After which five year plan, 'The Rolling Plan' was implemented? किसपं चवष्ण $\dagger^{`}$ यय’ जाा के बा द, 'द रा लिं ग प्ला न' का' ला गू किय गय था ?
(1) Third Plan/ती सी य' जा़
(2) Fifth Plan/प चवी य' जा़
(3) Seventh Plan/सा तवी य' जाT
(4) Ninth Plan/ना" वी य' जा़
40. Who was the first woman Director General of Police in Puducherry?

पु दु चे री में प्हली महिला पु लिसमहा निदे प्रक कौ न था१ं ?
(1) Kiran Bedi/fक्रप बे दी
(2) Ashthi Tang/आ सथाT ता ग
(3) Sundari Nanda/सु दरी नं दा
(4) Kanchan Choudhary/क चन चा धी
41. In 2019, Kazakhstan renamed its capital Astana to $\qquad$ 2019 में , कज किर ता न ने अप्मी रा जम्म नी अर ता ना का ना म ब़द़, लक़र.... कर दिय ।
(1) Nursultan/नू रुसु ल तान
(2) NurNazar/नू रनज़ र
(3) Nazarbayev/नज़ा रबा ये व
(4) Nurbayev/नू रबा ये व
42. A word in a web page that, when clicked, opens another document is called $\qquad$ एवे ब पे जमें एक ब द, जिप्रि कि लक किय जा ता है, एक रदस ता वे ज़ा ख $\dagger^{\prime}$ लता है...ज़़स... कहा जा ता है ।
(1) Anchor/एं कर
(2) Hyperlink/हा इ पर्लं क
(3) Reference/रिष रे स
(4) URL
43. What is the rank of India in the 'Global Innovation Index 2023'?

(1) 60
(2) 50
(3) 40
(4) 30
44. Mihira Bhoja was the ruler of
 $\qquad$

(1) Chola/चा' ल
(2) Rashtrakuta/रा ष्ट, कू ट
(3) Chalukya/चा लु क्य(4) Pratihara/प्र तिहा
45. 'Nitrous Oxide' is the chemical name of $\qquad$
' ना इट, सआ` क.स.ड.ड..... का रा सा यनिकना महै ।
(1) Tear Gas/आ सू गै स
(2) Fire Extinguisher/अगि ना प्र T मकयं इा
(3) Laughing Gas/ला पि ${ }^{\circ}$ ग गै स
(4) Mosquito Repellent/मचछर से बचा ने वा ली क्री म
46. Which Fundamental Right in the Indian Constitution states that all persons shall be equally protected by the laws of the country?
 जा एा ?
(1) Right to Equality/समा नता का अध्कि र
(2) Right to Freedom/स्वतं ラT ता का अध्रि र
(3) Right against Exploitation/प $\dagger^{\prime}$ षा प के खि ला प अधिकार
(4) Right to Freedom of Religion/र्ध्म के स्वतंइग ता का अधितार
47. How many pairs of ribs are there in human body?

मा नव प री र मे 'पर्सलय' के कितने जो ड . हा' ते है
(1) 13
(2) 11
(3) 12
(4) 14
48. About $70 \%$ of the sun is made up of

सू य का लगक $7 \mathbb{O} \%$ \% TT $\qquad$ से बना हां ता है ।
(1) Helium/ही लिय्म
(2) Oxygen/आ $क$ से जम
(3) Carbon/का र्ब न
(4) Hydrogen/हा इड ${ }_{\wedge} \mathrm{T}^{\text {' जा }}$
49. In which year did the Indian Premier League (IPL) start?

इं डि यम प्र१ी मिय ली(IPL) की पु रु अ तकिसवष्ण हु इ था१ ?
(1) 2008
(2) 2010
(3) 2004
(4) 2002
50. The amount of light entering into eye can be controlled and regulated by $\qquad$

(1) Pupil/पु तली
(2) Ciliary muscles/सिलिऊरी मा से शि य"
(3) Cornea/ने ラт प ल
(4) Retina/दृ षिट्ट प्ट ल

## Part－III ：Quantitative Aptitude ま T T IH ：मा ラTTテ मकअभि T क्ष मत

51．A father can do a job as fast as his 2 sons working together．If one son does the job in 3 hours and the other in 6 hours，then find the number of hours taken by the father，to do the job alone． एकपिता उ तनी ही जन दी किसे का मका कर सकता है जिनी जन दी उ सके दा＇बे ट｀मिलकर कर रकते है । यदिएकाबेण्ष में का म कर सकता है आ र दू 6 स्षा प्ट｀मे कर सकता है ，ता＇उ सका म को करने में पिता का कितना समयलगे गा
（1） 1 hour／हा प्ट T
（2） 2 hours／हा प्ट’
（3） 3 hours／हा प्ट＇
（4） 4 hours／हा प्ट＇

52．The perimeter of a rhombus is 240 m and the distance between any two parallel sides is 20 m ， then find the area of the rhombus．
 ज्ञात कर्रे।
（1） $600 \mathrm{~m}^{2} /$ मी $^{2}$
（2） $1200 \mathrm{~m}^{2} /$ मी $^{2}$ ．
（3） $2400 \mathrm{~m}^{2} /$ मी $^{2}$
（4） $4800 \mathrm{~m}^{2} /$ मी $^{2}$

53．After allowing $10 \%$ discount，a dealer wishes to sell a machine for $₹ 2700$ ．At what price must the machine be marked？

（1）₹2970
（2）₹ 2430
（3）₹2900
（4）₹3000

54． ABC is a right－angled triangle with $\mathrm{AB}=6 \mathrm{~cm}$ and $\mathrm{BC}=8 \mathrm{~cm}$ ．A circle with centre $O$ has been inscribed in $\triangle A B C$ ，then find the radius of the circle．
 के＝है，ता＇वृ र T की डिएजय ज्ञात करें।
（1） $3 \mathrm{~cm} /$ से मी ．
（2） $4 \mathrm{~cm} /$ से मी．
（3） $1 \mathrm{~cm} /$ से मी ．
（4） $2 \mathrm{~cm} /$ से मी ．

55．In a $\triangle \mathrm{ABC}, \mathrm{D}$ and E are two points on AB and AC respectively such that $\mathrm{DE} \| \mathrm{BC}$ and DE bisects the $\triangle \mathrm{ABC}$ in two equal areas，then find the ratio $\mathrm{DB}: \mathrm{AB}$ ．
 विभ $T T$ जि करता है，पात्B ：$A B$ का अनु प तज्ञा त करें।
（1）$(\sqrt{2}-1): \sqrt{2}$
（2）$\sqrt{2}: 1$
（3） $1: \sqrt{2}$
（4） $1: 2$

56．From the peak of a hill which is 300 m high，the angle of depression of two sides of a bridge lying on a ground are $45^{\circ}$ and $30^{\circ}$ and both ends of the bridge are on the same side of the hill， then find the length of the bridge．
 पर्व तके एकी तरप है ，ता सेतु की लम्बा इ जा तकरे ।
（1） $300 \sqrt{3} \mathrm{~m} /$ मी．
（2）$\frac{300}{\sqrt{3}} \mathrm{~m} /$ मी ．
（3） $300(\sqrt{3}-1) \mathrm{m} /$ मी．
（4） $300(\sqrt{3}+1) \mathrm{m} /$ मी．

57．The angle of elevation of a ladder leaning against a house is $60^{\circ}$ and the foot of the ladder is 6.5 metres from the house，then find the length of the ladder．
 ता से ढ．१ की लम्बा इ ज्ञात करें।
（1） $15 \mathrm{~m} /$ मी ．
（2） $3.25 \mathrm{~m} /$ मी ．
（3）$\frac{13}{\sqrt{3}} \mathrm{~m} /$ मी ．
（4） $13 \mathrm{~m} /$ मी．
58. If $\cos \theta=\frac{3}{5}$, then find the value of $\sin \theta \cdot \sec \theta \cdot \tan \theta \cdot$

यदि $\cos \theta=\frac{3}{5}$ है, ता` $\sin \theta \cdot \sec \theta \cdot \tan \theta$ का मा न ज्ञात तरें।
(1) $\frac{3}{4}$
(2) $\frac{4}{3}$
(3) $\frac{9}{16}$
(4) $\frac{16}{9}$
59. If the length of a side of the square is equal to that of the diameter of a circle, then find the ratio of the area of the square and that of the circle. $\left(\pi=\frac{22}{7}\right)$

(1) $11: 14$
(2) $11: 7$
(3) $14: 11$
(4) $7: 11$
60. What is an example of an equality relation of two expressions in $x$, which is not an identity?

(1) $(x+2)^{2}=x^{2}+2 x+4$
(2) $(x+3)(x-3)=x^{2}-9$
(3) $(x+3)^{2}=x^{2}+6 x+9$
(4) $(x+2 y)^{3}=x^{3}+8 y^{3}+6 x y(x+2 y)$
61. Find the greater number of five digits which, when divided by $3,5,8,12$ have 2 as remainder.

(1) 99999
(2) 99958
(3) 99960
(4) 99962
62. Ram alone can finish a piece of work in 12 days. Ravi alone can finish the same work in 8 days. If Ram and Ravi work together, then they will finish the work in how many days?
 का र्य करें , ता' वे कितने दिन में उसका र्य का पू रा करें गे ?
(1) 10 days/दिन
(2) 4 days/दिन
(3) $4 \frac{4}{5}$ days/दिन
(4) 20 days/दिन
63. Out of 600 pupils in a school $45 \%$ are boys and the rest are girls. If $20 \%$ of the boys and $30 \%$ of girls wear spectacles, then find the percentage of the total number of pupils wearing spectacles.
 ता चक्मे पहनने वा ले कु लछाइग $\dagger^{\prime}$ का प्र तिश्र तज्ञात की जिए
(1) $50 \%$
(2) $25 \%$
(3) $25.5 \%$
(4) $20 \%$
64. A hollow sphere of internal and external diameters 6 cm and 10 cm respectively is melted to form a right circular cone of diameter 8 cm , then find the height of the cone.
 बना य जा हा है, तो पु कु की उन चा ई ज्ञात करें।
(1) $24.5 \mathrm{~cm} /$ से मी .
(2) $25.5 \mathrm{~cm} /$ से मी .
(3) $22.5 \mathrm{~cm} /$ से मी .
(4) $23.5 \mathrm{~cm} /$ से मी .
65. A circle is inscribed in a square. An equilateral triangle of side $4 \sqrt{3} \mathrm{~cm}$ is inscribed in that circle, then find the length of the diagonal of the square.

(1) $4 \sqrt{2} \mathrm{~cm} /$ से मी .
(2) $8 \mathrm{~cm} /$ से मी .
(3) $8 \sqrt{2} \mathrm{~cm} /$ से मी .
(4) $16 \mathrm{~cm} /$ से मी .
66. If $2 \sqrt{x}=\frac{\sqrt{5}+\sqrt{3}}{\sqrt{5}-\sqrt{3}}-\frac{\sqrt{5}-\sqrt{3}}{\sqrt{5}+\sqrt{3}}$, then find the value of $x$.

यद $2 \sqrt{x}=\frac{\sqrt{5}+\sqrt{3}}{\sqrt{5}-\sqrt{3}}-\frac{\sqrt{5}-\sqrt{3}}{\sqrt{5}+\sqrt{3}}$ है , ता $x$ का मा न ज्ञा त करे ${ }^{\cdots}$ ।
(1) 6
(2) 30
(3) $\sqrt{15}$
(4) 15
67. If the equation $2 x^{2}-7 x+12=0$ has two roots $\alpha$ and $\beta$, then find the value of $\frac{a}{b}+\frac{b}{a}$. यदि सी करण $2 x^{2}-7 x+12=0$ के दां मू oलसथ $T \mathrm{~T} \beta$ है , ता $\frac{a}{b}+\frac{b}{a}$ का मा न ज्ञ T त करे
(1) $\frac{1}{24}$
(2) $\frac{7}{24}$
(3) $\frac{97}{24}$
(4) $\frac{7}{4}$
68. In $\triangle \mathrm{PQR}, \mathrm{S}$ and T are points on sides PR and PQ such that $\angle \mathrm{PQR}=\angle \mathrm{PST}$. If $\mathrm{PT}=5 \mathrm{~cm}, \mathrm{PS}=3 \mathrm{~cm}$ and $T Q=3 \mathrm{~cm}$, then fid the length of SR .
$\triangle \mathrm{PQR}$ मे S तथ $\mathrm{TT}^{\circ} \mathrm{T}$ 。 मिR तथ TPQ पर इसप्र का रहै कि $\angle \mathrm{PQR}=\angle \mathrm{PST}$ है। यद्रि $=5$ से मी., $\mathrm{PS}=3$ से मी. तथ T $\mathrm{TQ}=3$ से मी. है , तूरं की लम्बा ई ज्ञात करे ।
(1) $5 \mathrm{~cm} /$ से मी .
(2) $6 \mathrm{~cm} /$ से मी .
(3) $\frac{31}{3} \mathrm{~cm} /$ से मी .
(4) $\frac{41}{3} \mathrm{~cm} /$ से मी .

Direction (69-71): The following pie chart shows the percentage distribution of the expenditure incurred in publishing a book. Study the pie chart and answer the following questions.
 अद्म कों तथT निम्नम्शां क उ ₹Tरदें।

## Expenditures (In perce-ntage)/ठ यम(प्र तिश्र तमें )

69. If 5500 copies are published and the transportation cost on them amounts to
₹ 82500 , then what should be the selling price of the book, so that the publisher can earn a profit
70. If 5500 copies are published and the transportation cost on them amounts to
₹ 82500 , then what should be the selling price of the book, so that the publisher can earn a profit of $25 \%$ ?




25\%

य हा' ना

चा हिए ता किप्र का श्र क्वा $215 \%$ ला $\% ~ T ~ क म ा ~ य ~ ज ा ~ स क े ~ ? ~$
(1) ₹ 180.50
(2) ₹ 182.50
(3) ₹ 183.50
(4) ₹ 187.50
70. Royalty on the book is less than the printing cost by

किता बा' पर अध्यु ल्ल, छप ई पुरु ल से कितना कम है ?
(1) $20 \%$
(2) $25 \%$
(3) $30 \%$
(4) $35 \%$
71. For certain quantity of books, the publisher has to pay ₹ 30600 as printing cost, then what will be the amount of royalty to be paid for these books?
 अधि, ल करा पि क्तिना हा' गा ?
(1) ₹ 22650
(2) ₹ 22750
(3) ₹ 22850
(4) ₹22950
72. A man sells two wrist watches, one at a profit of $40 \%$ and another at a loss of $40 \%$, each have a same selling price of ₹ 1320 , then find the net profit or loss percentage.
 ₹ 1320 है , ता कु लला $\frac{1}{}$ य हा नि प्र तिश त ज्ञात करे ।
(1) $25 \%$ loss/हा नि
(2) $0 \%$
(3) $9 \%$ loss/हा नि
(4) $16 \%$ loss/हा नि
73. Find the area of the trapezium formed by $x$-axis, $y$-axis and the lines $3 x+4 y=12$ and $6 x+8 y=$ 60.

(1) 37.5 sq. unit/वर्ग इका इ
(2) 31.5 sq. unit/वर्ग इका इ
(3) 48 sq. unit/वर्ग इका ई
(4) 36.5 sq. unit/वर्ग इका इ
74. $A$ and $B$ start running at the same time and from the same point around a circle. If $A$ can complete one round in 40 seconds and $B$ in 50 seconds, then how many seconds will they take to reach the starting point simultaneously?


(1) $10 \mathrm{sec} /$ से कण्ड
(2) $200 \mathrm{sec} /$ से कण्ड
(3) $90 \mathrm{sec} /$ से कण्ड
(4) $2000 \mathrm{sec} /$ से कण्ड
75. Find the total number of 3-digit numbers which are exactly divisible by 6. 6 से पू प ${ }^{〔}$ तः विभ $T$ Tजिहा' ने वा ली ती न अं का' वा ली कु ल संख्य एं ज्ञा तकरें।
(1) 149
(2) 150
(3) 151
(4) 166

## Part-IV : (English Language \& Comprehension)

Direction (76-78): In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word.
76. RECTIFY
(1) SATISFY
(2) CORRECT
(3) REDUCE
(4) PACIFY
77. VANQUISH
(1) VANISH
(2) VARNISH
(3) SURRENDER
(4) TRAMPLE
78. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.
(1) Groteasque
(2) Grotasque
(3) Growtesque
(4) Grotesque

Direction (79-81): In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and choose the option corresponding to it. If the sentence is free from error, choose the "No error" option.
79. Here is something pretty (1) / that you can (2)/wear on the party. (3)/No Error (4)
80. He was for all (1)/selling the car (2)/and buying a bicycle. (3)/No Error (4)
81. Look at what (1) / I am doing (2)/and do like I do. (3)/No Error (4)

Direction (82-83): The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative.
82. See me tomorrow without $\qquad$

(1) fails
(2) failure
(3) fail
(4) failing
83. Radium $\qquad$ rays that blind the eyes.
(1) gives away
(2) gives over
(3) gives up
(4) gives off
84. In the following question, a sentence has been given in Active/Passive Voice. Out of four alternatives suggested, select the one which best expresses the same sentence in Passive/ Active Voice.

We have already done the exercise.
(1) Already, the exercise has been done by us.
(2) The exercise has already been done by us.
(3) The exercise had been already done by us.
(4) The exercise is already done by us.

Direction (85-86): In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase.
85. To add fuel to the fire
(1) Prevent fire from dying out
(2) Make the fire burn brightly
(3) Make things worse
(4) Waste fuel for no reason.
86. To take to heart
(1) To be greatly affected
(2) To take something heartily
(3) To strike at the heart, out of enjoyment
(4) To suffer from heart disease
87. In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/ Direct speech.

They said to him, "we will destroy your homestead".
(1) They said to him they will destroy his homestead.
(2) They told him they would destroy their homestead.
(3) They told him that they can destroy his homestead.
(4) They told him that they would destroy his homestead.

Direction (88-89): A sentence/ a part of the sentence is under-lined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and choose the option corresponding to it. In case no improvement is needed, click the option corresponding to "No improvement".
88. Lying in my room, the music could be heard.
(1) I could hear the music
(2) The music can be heard
(3) The music can be heard by me
(4) No improvement
89. Come quickly if you will catch the train
(1) you want to
(2) you shall
(3) you could
(4) No improvement

Direction (90-91): In the following question, out of the four alternatives, select the word opposite in meaning to the word given.
90. INTELLIGIBLE
(1) Dull
(2) Foolish
(3) Garbled
(4) Confused
91. PHILANTHROPIST
(1) Philistine
(2) Moralist
(3) Spendthrift
(4) Miser

Direction (92-93): The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.
92. A. They can then purchase them on subsidized rates with additional loan facilities.
B. It will import technologically advanced medical instruments and provide them to entrepreneurs.
C. The Indian Government has announced certain facilities in the budget session.
D. This will help in strengthening the economic condition of entrepreneurs.
(1) BDCA
(2) CADB
(3) CBAD
(4) DCAB
93. A. This is because of its aroma, flavour and variety in the market.
B. Thus, it leads to poor health and mental disorders among children.
C. Children as well as teenagers are tempted towards junk food.
D. It has no or negligible nutritional value and high content of sugar and salt.
(1) BCDA
(2) ACDB
(3) CADB
(4) CDAB

Direction (94-95): Out of the four alternatives, choose the one which can be substituted for the given words/sentences.
94. A large body of people playing various musical instruments.
(1) Melody
(2) Harmony
(3) Elocution
(4) Orchestra
95. Solemn religious acts
(1) Demonstrations
(2) Celebrations
(3) Rites
(4) Functions

## K D Campus Pvt. Ltd

## Direction (96-100): A passage is given with five questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives.

The function of education is to prepare young people to understand the whole process of life. The end of education is not merely to pass some examinations and get a job andearn one's livelihood. If education is to make people understand life, then surely life is not merely a job or an occupation? life is something extraordinarily wide and profound, itis a great mystery, a vast realm in which we function as human beings. If we prepare ourselves only to earn a livelihood, we shall miss the whole point of life. To understand lifeis much more important than to get a degree or pass an examination for a job. Life, with all its subtleties, is such a vast expanse. It has its extraordinary beauty, its sorrows andjoys. It also has its hidden things of the mind such as envies, ambitions, passions, fears, fulfilments and anxieties. The birds, the flowers, the flourishing trees, the heavens, thestars, the rivers and the fishes therein all this is life. When we are young we must seek and find out what life is all about. Thus we cultivate intelligence with the help ofeducation. Intelligence is the capacity to think freely, without fear, without a formula, so that we begin to discover for ourselves what is real and what is true. Anyone who isgripped with fear will never be intelligent. Most of us have fear in one form or another. Where there is fear there is no intelligence. Thus what education should do is help us understand the need of freedom. Unless we are free we will not understand the whole process of living. When we are free we have no fear. We do not imitate but we discover.
96. What is the effect of fear on humans?
(1) We understand life's great mystery.
(2) We are not able to develop our intelligence.
(3) We think freely.
(4) We see the vast expanse of life.
97. The aim of education is to make us realise the need of
(1) Understanding science
(2) Freedom
(3) Jobs
(4) Passing examinations
98. When we are young we should $\qquad$
(1) Seek the meaning of life
(3) Try for a good job
(2) Study and get a degree
(4) Study science
99. Education helps us realize the
(1) Way to develop our career
(3) Meaning of fear
100. The passage is about
(1) Education
(2) Freedom

(3) Intelligence
(4) Livelihood
(2) Need for good health
(4) Necessity of freedom

