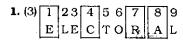
# **ANSWERS**

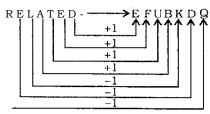
<b>1.</b> (3)	<b>2.</b> (5)	<b>3</b> .(2)	<b>4v</b> (5)
5. (1)	<b>.6</b> .(4)	<b>7</b> .(4)	<b>8.</b> (3)
	10.(1)	<b>11.</b> (4)	<b>12.</b> (2)
<b>13.</b> (4)	` ′	<b>15.</b> (5)	<b>16.</b> (4)
<b>17.</b> (3)	<b>14.(2)</b> <b>18.</b> (3)	<b>19.</b> (2)	<b>20.</b> (2)
<b>21.</b> (5)	<b>22.</b> (4)	<b>23.</b> (1)	<b>24.</b> (4)
<b>25.</b> (2)	<b>26.</b> (4)	<b>27.</b> (5)	<b>28.</b> (5)
<b>29.</b> (2)	30. (1)	<b>31.</b> (5)	<b>32.</b> (1)
<b>33.</b> (4)	<b>34.</b> (3)	<b>35.</b> (2)	<b>36.</b> (4)
<b>37.</b> (4)	38. (1)	<b>39.</b> (2)	<b>40.</b> (5)
<b>41.</b> (5)	<b>42.</b> (4)	<b>43</b> .(2)	<b>44.</b> (3)
<b>45.</b> (5)	<b>46</b> .(1)	<b>47.</b> (5)	<b>48.</b> (4)
<b>49.</b> (5)	<b>50.</b> (2)	<b>51.</b> (2)	<b>52.</b> (2)
<b>53.</b> (5)	<b>54</b> .(1)	<b>55.</b> (3)	<b>56.</b> (2)
<b>57.</b> (5)	<b>58.</b> (4)	<b>59.</b> (3)	<b>60.</b> (4)
<b>61.</b> (1)	<b>62.</b> (5)	<b>63.</b> (1)	<b>64.</b> (3)
<b>65.</b> (3)	<b>66.</b> (4)	<b>67.</b> (1)	<b>68.</b> (5)
<b>69. (1)</b>	<b>70.</b> (3)	<b>71.</b> (5)	<b>72.</b> (3)
<b>73.</b> (2)	<b>74.</b> (4)	<b>71.</b> (3) <b>75.</b> (4)	<b>76.</b> (2)
<b>77.</b> (3)	<b>78.</b> (3)	<b>79.</b> (5)	<b>80.</b> (4)
<b>81.</b> (4)	<b>82.</b> (1)	<b>83.</b> (1)	<b>84.</b> (4)
<b>85.</b> (2)	<b>86.</b> (3)	<b>87.</b> (2)	<b>88.</b> (1)
<b>89.</b> (5)	<b>90.</b> (4)	<b>91</b> .(1)	<b>92.</b> (5)
93. (2)	<b>94.</b> (3)	<b>95.</b> (5)	<b>96.</b> (2)
97. (1)	<b>98.</b> (2)	<b>99.</b> (3)	<b>100.</b> (4)
<b>101.</b> (3)	<b>102.</b> (2)	<b>103.</b> (3)	<b>104.</b> (3)
105. (1)	<b>106.</b> (4)	<b>107.</b> (3)	<b>108.</b> (4)
109. (2)	<b>110.</b> (3)	<b>111</b> .(1)	<b>112.</b> (4)
<b>113.</b> (3)	<b>114.</b> -(2)	<b>111.</b> (1)	<b>116.</b> (1)
<b>117.</b> (4)	<b>118.</b> (1)	<b>119.</b> (1)	<b>120.</b> (4)
<b>121.</b> (2)	<b>122.</b> (3)	<b>123.</b> (3)	<b>124.</b> (1)
<b>125.</b> (3)	<b>126.</b> (1)	<b>127.</b> (3)	<b>128.</b> (3)
129. (1)	<b>130.</b> (3)	131. (4)	<b>132.</b> (2)
<b>133.</b> (4)	<b>134.</b> (2)	<b>135.</b> (2)	<b>136.</b> (1)
<b>137.</b> (3)	<b>138.</b> (2)	<b>139.</b> (4)	<b>140.</b> (1)
141. (1)	142. (4)	143. (2)	<b>144.</b> (3)
<b>145.</b> (4)	<b>146.</b> (1)	<b>147.</b> (1)	<b>148.</b> (3)
<b>149.</b> (3)	<b>150.</b> (4)	<b>151.</b> (4)	<b>152.</b> (5)
<b>153.</b> (3)	<b>154.</b> (2)	<b>155.</b> (5)	<b>156.</b> (2)
<b>157.</b> (3)	<b>158.</b> (2)	<b>159.</b> (1)	<b>160.</b> (5)
<b>161.</b> (1)	<b>162.</b> (4)	<b>163.</b> (1)	<b>164.</b> (4)
<b>165.</b> (2)	<b>166.</b> (1)	<b>167.</b> (3)	<b>168.</b> (4)
<b>169.</b> (5)	<b>170.</b> (3)	<b>171.</b> (5)	<b>172.</b> (4)
<b>173.</b> (2)	<b>174.</b> (2)	<b>175.</b> (1)	<b>176.</b> (2)
<b>177.</b> (3)	<b>178.</b> (3)	<b>179.</b> (5)	<b>180.</b> (4)
<b>181.</b> (5)	<b>182.</b> (3)	<b>183.</b> (2)	<b>184.</b> (1)
<b>185.</b> (3)	<b>186.</b> (4)	<b>187.</b> (3)	<b>188.</b> (4)
<b>189.</b> (1)	<b>190.</b> (2)	<b>191.</b> (1)	<b>192.</b> (5)
<b>193.</b> (4)	<b>194.</b> (3)	<b>195.</b> (5)	<b>196.</b> (2)
197. (1)	<b>198.</b> (4)	<b>199.</b> (3)	<b>200.</b> (2)
	` '	. (-)	. ( .)

## **EXPLANATIONS**

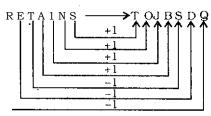


Meaningful Words ⇒ CARE, RACE

**2.** (5)



Similarly,



4. (5) 
$$\begin{array}{c} W \xrightarrow{-6} Q \\ T \xrightarrow{-6} N \end{array}$$

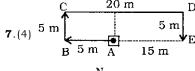
Similarly,

$$\begin{array}{c}
F \xrightarrow{+6} L \\
C \xrightarrow{+6} I
\end{array}$$

5. (1) 4 D 16 A 5 B 8 C 5 = ?  

$$\Rightarrow ? = 4 + 16 \times 5 \div 8 - 5$$

$$\Rightarrow ? = 4 + 10 - 5 = \boxed{9}$$

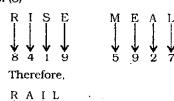




Required distance = AE = 15 m

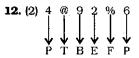
8. (3) J > M, L > N > KJ > M > L > N > K

9 (3)

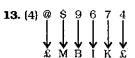




Condition (i) is applicable.



Condition (ii) is applicable.

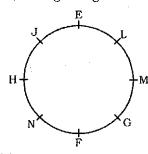


Condition (iii) is applicable.



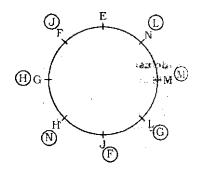
Condition (i) is applicable.

(16-20): Sitting arrangement



- 16. (4) N is sitting between H and F.
- **17.** (3) Except in ME, in all others the first person is third to the left of the second person. M is second to the left of E.

- 18. (3) L and G are immediate neighbours of M.
- **19**. (2)



20. (2) L sits third to the right of F.

21. (5) % 
$$\xrightarrow{+2}$$
 F  $\xrightarrow{-1}$  @  $7 \xrightarrow{+2}$  4  $\xrightarrow{-1}$  K  $5 \xrightarrow{+2}$  9  $\xrightarrow{-1}$  8  $+2 \xrightarrow{}$   $\beta \xrightarrow{-1}$  9  $0 \xrightarrow{-1}$  2

22. (4) Symbol Letter Symbol

Such combinations are:

23. (1) Vowel Number Number

There is no such combination.

- **24.** (4) 5th to the left of the 16th from the left end means 11th from the left end, i.e.,  $\beta$ .
- **25.** (2) According to question, the ne sequence would be

26. (4) 
$$J \ \ H \Rightarrow J \ge H$$
  
 $H \ \ F \Rightarrow H < F$   
 $F \star G \Rightarrow F > G$   
Therefore,  $J \ge H < F > G$ 

Conclusions

I.  $F \star J \Rightarrow F > J$ : Not True

II.  $H \otimes G \Rightarrow H < G : Not True$ 

27. (5) R % S 
$$\Rightarrow$$
 R = S  
S @ T  $\Rightarrow$  S  $\leq$  T  
T © U  $\Rightarrow$  T < U  
Therefore, R = S  $\leq$  T < U

#### Conclusions

I.  $U \star S \Rightarrow U > S$ : True

II. T  $R \Rightarrow T \geq R : True$ 

28. (5) M @ N ⇒ M ≤ N

 $N \% L \Rightarrow N = L$ 

 $L © K \Rightarrow L < K$ 

Therefore,  $M \le N = L < K$ 

### Conclusions

 $LL \ M \Rightarrow L \geq M : True$ 

II.  $K \star M \Rightarrow K > M : True$ 

29. (2) Z © Y ⇒ Z < Y

 $Y \$ W \Rightarrow Y \ge W$ 

 $W \star V \Rightarrow W > V$ 

Therefore,  $Z < Y \ge W > V$ 

#### Conclusions

I.  $Z @ W \Rightarrow Z \le W$ : Not True

II.  $V \odot Y \Rightarrow V < Y : True$ 

30. (1) A ★ B ⇒ A > B

 $B \% C \Rightarrow B = C$ 

 $C @ D \Rightarrow C \leq D$ 

Therefore,  $A > B = C \le D$ 

## Conclusions

I.  $B @ D \Rightarrow B \leq D : True$ 

II.  $A \star D \Rightarrow A > D$ : Not True

**31.** (5)  $428 \Rightarrow 427$ ;  $391 \Rightarrow 392$ ;

 $745 \Rightarrow 746; 682 \Rightarrow 681;$ 

 $534 \Rightarrow 533$ 

Required difference  $\Rightarrow$  427 - 392 = 35

**32.** (1) 428 ⇒ 248; 391 ⇒ 931;

 $745 \Rightarrow 475$ ;  $682 \Rightarrow 862$ ;

 $534 \Rightarrow 354$ 

Required difference  $\Rightarrow$  931 - 862 = 69

**33.** (4) 428 ⇒ 418; 391 ⇒ 381;

 $745 \Rightarrow 735$ ;  $682 \Rightarrow 672$ ;

 $534 \Rightarrow 524$ 

Numbers divisible by 3

$$\frac{381}{3}$$
 = 127;  $\frac{735}{3}$  = 245;  $\frac{672}{3}$  = 224

**34.** (3) 745 > 682 > 534 > 428 > 391 Required sum = 4 + 2 + 8 = 14

**35.** (2) Lowest number  $\Rightarrow$  391

$$\frac{9}{3} = 3$$

## (36-40):

(i) All stars are planets  $\rightarrow$  Universal Affirmative (A-type).

(ii) Some computers are keyboards → Particular Affirmative (I-type).

(iii) No moon is sun  $\rightarrow$  Universal Negative (E-type).

(iv) Some moons are not suns  $\rightarrow$  Particular Negative (O-type).

36. (4) All stars are planets.

All planets are moons.

 $A+A \Rightarrow A$ - type of Conclusion "All stars are moons."

All planets are moons

No moon is a sun.

A+ E  $\Rightarrow$  E- type of Conclusion "No planet is a sun."

All stars are moons.

No moon is a sun.

A+ E  $\Rightarrow$  E- type of Conclusion "No star is a sun."

**37.** (4) All the three Premises are Particular Affirmative (I-type). No Conclusion follows from the two Particular Premises.

38. (1) No cap is a hat.

All hats are feathers.

 $E + A \Rightarrow O_1$ - type of Conclusion "Some feathers are not caps."

All hats are feathers.

All feathers are papers.

A+ A  $\Rightarrow$  A- type of Conclusion "All hats are papers." This is Conclusion I.

39. (2) All nylons are cottons.

All cottons are woods.

A+ A ⇒ A- type of Conclusion "All nylons are wools."

Conclusion II is Converse of it.

40. (5) All phones are watches.

All watches are televisions.

 $A+A \Rightarrow A$ - type of Conclusion "All phones are televisions ." This is Conclusion I. All calculators are watches

All watches are televisions. (E) .I A+ A' A' type of Conclusion "All calculators are televisions." Conclusion II is converse of it.

**41.** (5) The following changes occur in the subsequent figures:

(1) to (2)

(2) to (3)





These two steps are continued in the subsequent figures atternately.

42. (4) From ProblemFigure (1) to (2) all the three designs move in clockwise direction and the design which moves to the top position is replaced with a new design. From Problem Figure (2) to (3) all the three designs move in clockwise direction after being inverted and the design which moves to the top position is replaced with a new design. These two steps are continued in the subsequent figures alternately.

**43.** (2) From Problem Figure (1) to (2) one design in inverted. From Problem Figure (2) to (3) all the four designs are inverted. There two steps are continued in the subsequent figures alternately.

**44.** (3) In the first step two designs are inverted and in the second step four designs are inverted. These two steps are continued in the subsequent figures alternately.

**45.** (5) In the subsequent figures all the designs descend stepwise and ascend in one step. In the first step the right most design moves to the leftmost position and is replaced with a new design. In the second step all the three designs are replaced with new designs. These two steps are continued in the subsequent figures alternately.

**46.** (1) In the subsequent figures the curves move respectively two and three steps in clockwise direction alternately and one curve is added behind the pre-existing curves in each subsequent figure.

- 47. (5) In each subsequent figure one line segment rotates through 90° clockwise while the other line segment rotates through 90° anticlockwise and one of the smaller designs is replaced with a new design.
- 48. (4) In the first step the design rotates through 135° clockwise and a leaflet is added infront of the preexisting design. In the second step the design rotates through 180° and a leaflet is added behind the pre-existing design. These two steps are continued in the subsequent figures alternately.
- 49. (5) In each subsequent figure the main design rotates through 45° anticlockwise and the curve moves in anticlockwise direction and it is inverted after every two figures.
- 50. (2) In the subsequent figures respectively one curve and two line segments are added in a set order.

**51.** (2) 
$$\frac{11 \times 468}{26} = ?+13$$
  
 $\Rightarrow 198 = ?+13$   
 $\Rightarrow ? = 198 - 13 = 185$ 

**52.** (2) 
$$\frac{160 \times \sqrt{?}}{100} = 32$$
  

$$\Rightarrow \sqrt{?} = \frac{32 \times 100}{160} = 20$$

$$\therefore ? = 400$$

**53.** (5) 
$$? = \sqrt{126 + 56 + 179}$$
  
=  $\sqrt{361} = 19$ 

**54.** (1) 
$$? = \left(\frac{224}{14}\right)^2 + 32 + 47$$
  
=  $\frac{16 \times 16}{32} + 47 = 8 + 47 = 55$ 

**55.** (3) 
$$(?)^2 = \frac{255}{17 \times 5} = 3$$

**56.** (2) 
$$\frac{\sqrt{1156}}{\sqrt{289}} = \frac{?}{8}$$

$$\Rightarrow \frac{34}{17} = \frac{?}{8}$$

$$\Rightarrow ? = 2 \times 8 = 16$$

**57.** (5) 
$$\frac{550 \times ?}{100} - \frac{150 \times 12}{100} = 125$$

$$\Rightarrow \frac{550 \times ?}{100} - 18 = 125$$

$$\Rightarrow \frac{550 \times ?}{100} = 125 + 18 = 143$$

$$\Rightarrow ? = \frac{143 \times 100}{550} = 26$$

**59.** (3) 
$$(1+\sqrt{5})^2 = ?+\sqrt{5\times2\times2}$$
  
 $\Rightarrow 1+5+2\sqrt{5} = ?+2\sqrt{5}$   
 $\Rightarrow 6+2\sqrt{5} = ?+2\sqrt{5}$   
 $\Rightarrow ?=6$   
**60.** (4)  $(3)^{3.5} \times (3^2)^{2.2} \div 3^3 = 3^2$ 

**90.** [4] 
$$(3)^{3.5} \times (3^2)^{2.2} \div 3^3 = 3^7$$
  
 $\Rightarrow 3^{3.5+4.4-3} = 3^7$   
 $\Rightarrow 3^{4.9} = 3^7 \Rightarrow ? = 4.9$ 

**61.** (1) 
$$? = 4 + \frac{1}{3} + 3 + \frac{1}{4} - 1 - \frac{1}{12}$$
  

$$= (4 + 3 - 1) + \left(\frac{1}{3} + \frac{1}{4} - \frac{1}{12}\right)$$

$$= 6 + \left(\frac{4 + 3 - 1}{12}\right) = 6 + \frac{1}{2} = 6\frac{1}{2}$$

**62.** (5) 
$$? = 214 - \frac{5 \times 5 \times 5 \times 9}{15}$$
  
= 214 - 75 = 139

**63.** (1) 
$$2234 + 84 - 1273 = ? + 123$$
  
 $\Rightarrow 1045 = ? + 123$   
 $\Rightarrow ? = 1045 - 123 = 922$ 

64. (3) 
$$\frac{160 \times 45}{100} + \frac{250 \times 14}{100} = ?-23$$
  
⇒ 72 + 35 = ? - 23  
⇒ ? = 107 + 23 = 130

**68.** (3) 
$$? = 585 \times \frac{5}{9} \times \frac{3}{13} = 75$$

**67.** (1) 
$$? = 135 - \frac{924}{132} \times 6$$
  
=  $135 - 42 = 93$ 

**68.** (5) 
$$? = \frac{13}{5} \times \frac{30}{13} \times \frac{4}{3} \times \frac{9}{16}$$
$$= \frac{9}{2} = 4\frac{1}{2}$$

**60.** (1) 
$$? = \frac{6 \times 6 \times 9 \times 9}{3 \times 3 \times 3 \times 5} = 21.6$$

**70.** (3) 
$$750.46 + 114.09 - 840.04$$
  
= ? - 13.09  
 $\Rightarrow$  24.51 = ? - 13.09  
 $\Rightarrow$  ? = 24.51 + 13.09 = 37.6

71. (5) 
$$\frac{?}{12} \times 17 = 238$$

$$\Rightarrow ? = \frac{238 \times 12}{17} = 168$$

72. (3) 
$$(?)^2 = \frac{264}{24} + 121 + 12 = 144$$
  

$$\therefore ? = \sqrt{144} = 12$$

**73.** (2) 
$$? = \frac{\sqrt{841} \times \sqrt{64}}{\sqrt{25}}$$
$$= \frac{29 \times 8}{5} = 46.4$$

74. (4) 
$$\frac{64 \times 750}{100 \times 4} = \frac{?}{5}$$
  

$$\Rightarrow 120 = \frac{?}{5}$$

$$\Rightarrow ? = 120 \times 5 = 6$$

$$\Rightarrow ? = 120 \times 5 = 600$$
**75.** (4)  $(0.2^2)^5 \times (0.2)^4 \div (0.2^3)^2$ 

$$= (0.2)^?$$

$$\Rightarrow 0.2^{10+4-6} = 0.2^?$$

$$\Rightarrow 0.2^8 = 0.2^?$$

$$\Rightarrow ? = 8$$

**76.** (2) Person's speed
$$= \frac{\text{Length of train}}{\text{Time taken}} = \left(\frac{x}{5 \times 60}\right) \text{m/sec}$$

Speed of train 
$$= \left(\frac{x}{48}\right)$$
 m/sec.

∴ Required ratio = 
$$\frac{x}{5 \times 60}$$
:  $\frac{x}{48}$   
= 48: 5×60 = 4:25

77. (3) 
$$\angle P = 50^{\circ}$$
  
 $\therefore \angle Q = 100^{\circ}$   
 $\angle R = 150^{\circ}$   
 $\therefore \angle S = 360^{\circ} - 300^{\circ} = 60^{\circ}$   
 $\Rightarrow Q - S = 100^{\circ} - 60^{\circ} = 40^{\circ}$ 

**78.** (3) Required quantity of water
$$= \left(\frac{905 \times 15}{1000}\right) \text{ litre} = 13.575 \text{ lit}$$

79. (5) 
$$x + x + 2 + x + 4 + x + 6$$
  
= 156  
 $\Rightarrow 4x + 12 = 156$   
 $\Rightarrow 4x = 156 - 12 = 144$ 

$$\therefore x = \frac{144}{4} = 36$$

 $\therefore$  Required difference = 3 (x+6) =3x+18

$$= 3 \times 36 + 18 = 126$$

80. (4) Required fare

$$= Rs. \left(3 \times 102 + 4 \times \frac{102}{3}\right)$$

= Rs. (306 + 134)

≃ Rs. 440

81. (4) 3 men = 6 children

⇒ 1 man = 2 children

∴ 4 men + 4 children = 6 men

 $\therefore \mathbf{M}_1 \mathbf{D}_1 = \mathbf{M}_2 \mathbf{D}_2$  $\Rightarrow$  3 × 18 = 6 × D<sub>2</sub>

$$\Rightarrow D_2 = \frac{3 \times 18}{6} = 9 \text{ days}$$

82. (1) New average marks

$$=\frac{7 \times 41 - 14 + 42}{7}$$

$$=\frac{287+28}{7}=\frac{315}{7}=45$$

$$\therefore x \times \frac{6}{7} = 3^2 + 15^2 = 9 + 225$$

$$\Rightarrow x \times \frac{6}{7} = 234$$

$$\Rightarrow x = \frac{234 \times 7}{6} = 273$$

**84**: (5) S.I. = 
$$\frac{P \times R \times T}{100}$$

$$= \frac{5224 \times 5 \times 5}{100} = \text{Rs. } 1306$$

85. (2) Required speed of car = (60% of 75) kmph.

$$= \left(\frac{75 \times 60}{100}\right) \text{kmph.}$$

= 45 kmph.

86. (3) The pattern of the number series is :

$$4 + 5^2 = 4 + 25 = 29$$

$$29 + 10^2 = 29 + 100 = 129$$

$$129 + 15^2 = 129 + 225 = 354$$

$$354 + 20^2 = 354 + 400 = 754$$

$$754 + 25^2 = 754 + 625 = \boxed{1379}$$

87. (2) The pattern of the number series is:

$$13 + 1 \times 6 = 19$$

$$19 + 2 \times 6 = 31$$

$$31 + 3 \times 6 = 49$$

$$49 + 4 \times 6 = 73$$

$$73 + 5 \times 6 = \boxed{103}$$

88. (1) The pattern of the number series is:

$$392 - 32 = 360$$

$$344 - 8 = 336$$

89. (5) Minimum marks to Pass

$$= 480 + 96 = 576$$

.. Required percentage

$$=\frac{576}{1200}\times100=48$$

**90.** (4) 
$$\frac{?}{7} = \frac{28}{?}$$

$$\Rightarrow ?^2 = 7 \times 28 = 7^2 \times 2^2$$

$$\therefore ? = \sqrt{7^2 \times 2^2} = 7 \times 2 = 14$$

91. (1) Let the breadth of rectangle be x cm.

 $\therefore$  Length of rectangle = (x + 7) cm

$$\therefore 2(x+7+x) = 50$$
$$\Rightarrow 2x+7 = \frac{50}{2} = 25$$

$$\therefore 2x = 25 - 7 = 18$$

$$\therefore x = \frac{18}{2} = 9$$

Length = 16 cm.

: Area of the rectangle

= Length x breadth

 $= 16 \times 9 = 144 \text{ sq.cm}$ 

92. (5) Area of triangle

$$=\frac{1}{2}\times$$
 base x height

$$\Rightarrow$$
 81 =  $\frac{1}{2} \times 9 \times h$ 

$$\Rightarrow h = \frac{81 \times 2}{9} = 18 \text{ cm}.$$

93. (2) Side of the square

$$=\sqrt{\text{Area}} = \sqrt{256} = 16 \text{ cm}$$

.. Radius of the circle

$$=\frac{16}{2}-1=7$$
 cm

Africa of circle = 
$$\frac{n1}{7}$$
 (C) .V\*
$$= \frac{22}{7} \times 7 \times 7 = 154 \text{ sq. cm.asm}$$

clockwise... ac of the despite the despite the color of t

= 
$$Rsd(6990 \times \frac{100}{75})$$
  
=  $Rsd(6990 \times \frac{100}{75})$   
=  $Rsd(6990 \times \frac{100}{75})$ 

95. (5) If the number be x then.  $x \times 5x = 720$ 

$$\Rightarrow x^2 = \frac{720}{5} = 144$$

$$\therefore x = \sqrt{144} = 12$$

**96.** (2)  $-250 \text{ gm} \equiv \text{Rs. } 75$ 

$$\therefore 1800 \text{ gm} = \text{Rs.} \left( \frac{75}{250} \times 1800 \right)$$

≠Rs. 540

**97.** (1) LCM of 8, 12 and 14 = 168

∴ Required number = 168 + 6 = 174

**98.** (2)  $4x = 3x + 8 \Rightarrow x = 8$ 

$$\therefore$$
 Mother's age =  $3 \times 8 = 24$ years

.. Doughter's age

$$= \left(\frac{1}{8} \times 24\right) \text{ years} = 3 \text{ years}$$

99. (3) Required number of tigers

$$=\frac{720\times115}{100}=828$$

100. (4) Amount received by each person

$$= \frac{4601 - 13}{37} = \frac{4588}{37}$$
$$= Rs.124$$

101. (3) RAM

102. (2) shift key

103. (3) Printer

104. (3) application software

105. (1) program

106. (4) network

107. (3) menu

108. (4) Information

109. (2) toolbar

110. (3) Keys

111. (1) File

112. (4) Software

113. (3) icon

114. (2) system unit, input/output, memory

115. (1) keyboard

116. (1) Employee address

- **117.** (4) Task bar
- **118.** (1) updating
- **119.** (1) caps lock key
- **12.0.** (4) hardware
- 121. (2) monitor-screen
- **122.** (3) binary digit""\*
- **123.** (3) icon
- **124.** (1) keyboard
- 125. (3) Operating System
- **126.** (1) print
- **127.** (3) a control unit and an arithmetic logic unit
- **128.** (3) escape key
- 129. (1) multitasking
- 130. (3) Data is collected in the form of source documents, placed into groups, and then input to the computer
- **131.** (4) Hardware
- **132.** (2) Passwords
- **133.** (4) control unit
- 134. (2) Data, information
- **135.** (2) Compiling
- **136.** (1) Computers are very fast and can store huge amounts of data
- **137.** (3) to read, interpret and process the information and instruction
- 138. (2) Data in ROM is nonvolatile, that is, it remains there even without electrical power
- **139.** (4) Executing
- **140.** (1) Monitor
- 141. (1) the visible screen
- **142.** (4) printers
- 143. (2) expand it to fit the desktop
- **144.** (3) the first page
- **145.** (4) PC
- **146.** (1) store
- 147. (1) copying a document from memory to a storage medium
- **148.** (3) hardcopy
- **149.** (3) retrieve
- 150. (4) Interconnected Networks
- 151. (4) Not mentioned in the passage
- **152.** (5) None of these
- **153.** (3) By giving away land for building the school at a negligible price
- **154.** (2) She was poor and inappropriately dressed
- 155. (5) A Priest and His Religion
- **156.** (2) Only (A) and (C)
- **157.** (3) Only (A)
- **158.** (2) More students could study in the school

- 159. (1) He shared her story and urged his helpers to raise money and got school constructed
- 160. (5) The amount grew manifold due to various contributions and a school housing hundreds was finally built
- **161.** (1) The meaning of the word worth (Noun) as used in the passage is: an amount of something that has the value mentioned.

#### Look at the sentence:

The winner will receive Rs 5 thousand worth of books.

Hence, the words **-worth** and **costing** are synonymous.

**162.** (4) The meaning of the word **Touch (Verb)** as used in the passage is: to make somebody feel upset or sympathetic.

#### Look at the sentence:

His story touched us all deeply. Hence, the words **touched** and **moved** are synonymous.

- 163. (1) The meaning of the word unkempt (Adjective) as used in the passage is: not well cared for; not neat or tidy; dishevelled. Hence, the words unkempt and
- 164. (4) The meaning of the word Befriend (Verb) as used in the passage is: to become a friend of somebody, to trust.

untidy are synonymous.

Hence, the words **befriended** and **mistrusted** are antonymous.

165. (2) The meaning of the word kind (Adjective) as used in the passage is: caring about others, gentle, friendly and generous.

Hence, the words **kind** and **heartless** are antonymous.

- **166.** (1) Here Simple Past should be used.
- **167.** (3) Here, Simple Past should be used.
- 168. (4) Idiom out of the world means: how good, beautiful etc. somethifig is.
- 169. (5) No correction required
- **170.** (3) switch from
- **171.** (5) All correct
- 172. (4) The correct spelling is: fields.
- **173.** (2) The appropriate word should be: general.
- ${f 174.}$  (2) The correct spelling is :

family.

- 175. (1) The correct spelling is ;  $\maltese$
- **176.** (2) B **177.** (3) C
- **178.** (3) D **179.** (5) F
- **180.** (4) E
- **181.** (5) No error
- 182. (3) Here, Adjective form of cot troversy should be used because?
  issues is a Noun. Hence, eontm versial issues and some movies
  is a correct usage.
- 183. (2) The word witty is an Adjet tive while wit (Noun) should h used.
- **184.** (1) Here, The superstar revealed that or Simple Past should raT used.
- 185. (3) Here, Infinitive form of Verb i.e., starve should be used,
- 186. (4) It is improper to use the.
- 187. (3) The event shows past tim Hence, flew across the garden will be a correct usage.
- 188. (4) Here, back in the city shoii be used.
- 189. (1) Here, Mother sat in/on hfe chair or Mother was siting inK on her chair...should be usal
- 190. (2) Here, very ill, all the other animals should be used. To word ill is an Adjective while ill ness is a Noun.
- **191.** (1) any
- **192.** (5) weak
- **193.** (4) earning
- **194.** (3) well
- **195.** (5) cover
- **196.** (2) grow
- 197. (1) shoot198. (4) passed
- **199.** (3) received
- **200.** (2) sticks