

**Solutions**

1. **(b):** He tried to solve the sum but he could not.
2. **(d):** Had you worked hard, you would have passed the examination
3. **(d):** I ran fast so that I might catch the train
4. **(b):** You should read his latest book
5. **(b):** As you sow, so shall you reap
6. **(b):**
7. **(b):**
8. **(b):**
9. **(d):**
10. **(a):**
11. **(b):**
12. **(c):**
13. **(b):**
14. **(b):**
15. **(b):**
16. **(a):** He is a famous scientist about whom many books have been written.
17. **(b):** The book which you gave me is not so useful for learning English speaking
18. **(b):** This is the house where I was born
19. **(b):** There is nothing that I can do for you
20. **(b):** The girl whom you see at the desk is the receptionist
21. **(b):**
22. **(a):**
23. **(a):**
24. **(d):**
25. **(c):**
26. **(d):**
27. **(c):**
28. **(b):**
29. **(b):**
30. **(b):**
31. **(a):**
32. **(b):**
33. **(a):**
34. **(b):**
35. **(a):**
36. **(d):** The correct answer is option d.  
Refer to fifth paragraph where it mentions, 'Polio vaccination is still recommended worldwide to lower the risk of imported cases.'
37. **(c):** The correct answer is option c.  
Refer to the last paragraph, 'The last case of type 2 was reported in 1999'.

38. (b): The correct answer is option b.  
Vigorous – carried out forcefully and energetically.  
Synonyms – Resolute, Determined.
39. (c): The correct answer is option c.  
Refer to the 5<sup>th</sup> paragraph where it mentions, 'Because of widespread vaccination, polio was eliminated from the Western Hemisphere in 1994.' And refer to the 2<sup>nd</sup> paragraph where it mentions, 'For a time, polio was called infantile paralysis, though it did not affect only the young.'
40. (b): The correct answer is option b.  
Refer to the 4<sup>th</sup> paragraph where it mentions, 'However, better sanitary conditions meant that exposure to polio was delayed until later in life, on average, when a child had lost maternal protection and was also more vulnerable to the most severe form of the disease.'
41. (b): ମନୋବାଞ୍ଛା
42. (c): ଜଗଜ୍ଞାଥ
43. (c): ନୀରିହ
44. (d): ଭୂ+ଭର୍ଷ
45. (b): ଅନ୍ଧୁ + ଏକ୍ଷଣ
46. (d): ସ୍ତୁ + ଆଗତ
47. (d): ନେ + ଅନ
48. (c): ପୋ + ଅନ
49. (a): ଗୋ + ଅକ୍ଷ
50. (b): ବକ୍ + ଗାଡ଼ମ୍ବର
51. (a): ମାତା ଓ ପିତା
52. (d): ଗ୍ରାମାନ୍ତର
53. (b): ସାବିତ୍ରୀ ବାଳିକା
54. (b): କର୍ମଧାରୟ
55. (b): ଉପମାନ କର୍ମଧାରୟ
56. (c): ଧର୍ମୋତ୍ତମାନେ
57. (a): ଇଶ୍ବରଙ୍କୁ ଭଲ ପାଇବା
58. (a): ଗୀତା
59. (b): ବିଷଣୁପୁରାଣ
60. (c): ହିନ୍ଦୁଧର୍ମ
61. (a): ଆମେ ଆମର ଜଳଖିଆ ନେଇଛୁ ।
62. (b): ସେ ମୋ ପାଇଁ ଟ୍ୟାକ୍ସି ଡାକିଲେ ।
63. (d): ମହିଳାମାନେ ପୁରୁଷଙ୍କ ଅପେକ୍ଷା ଇଂରାଜୀ ଶୀଘ୍ର ଶିଖନ୍ତି ।
64. (c): ତାଙ୍କର ସଂକୀର୍ଣ୍ଣ ପଳାୟନ ହୋଇଥିଲା ।
65. (a): ମୁଁ ମୋର ପାସପୋର୍ଟ ପାଇଛି
66. (d): କୃତଜ୍ଞ
67. (a): କୃତ୍
68. (b): ଶମ୍
69. (c): ଇୟ



70. (d): ଇନ୍

71. (c): ପାଠକ

72. (a): ଜିଜ୍ଞାସା

73. (c): ଦାଶରଥ

74. (a): ଚତୁଃ ସମ କୃତ୍ତପଦ

75. (a): ସନ୍ ପ୍ରତ୍ୟୟ

76. (a):

$$x + 2y = 800 \dots\dots(i)$$

$$x + 6y = 1600 \dots\dots(ii)$$

$$x = 400, y = 200$$

$$\text{Cost price of 12 shirts} = 12 \times 200 = 2400$$

77. (a):

Successive % of 30% and 20% = 44% discount

From question –

$$(100 - 44)\% \text{ of } x = 2240$$

$$x = 4000$$

78. (b):

$$(72 + 34) \div 2 + [(75 \div 15) + 6] \times 2]$$

$$= 106 \div 2 + [(5 + 6) \times 2]$$

$$= 53 + 11 \times 2$$

$$= 53 + 22 = 75$$

79. (a):

$$\begin{array}{ccc} 8\% & & 10\% \\ & \searrow & \nearrow \\ & 9.2\% & \\ & \swarrow & \searrow \\ 0.8\% & & 1.2\% \end{array}$$
$$\Rightarrow \frac{0.8\%}{1.2\%} = \frac{0.4}{0.6} = \frac{2}{3}$$

So, 4000 & 6000/-

80. (b):

$$\begin{array}{ccc} & \nearrow & 13.5 \text{ years} \\ 14_{x_3} & \xrightarrow{+9} & 17_{x_3} \\ 21_{x_2} & \xrightarrow{+16} & 29_{x_2} \\ & \searrow & \frac{13.5}{9} \times 16 = 24 \text{ years.} \end{array}$$

81. (c):

Let the number = x

According to question

$$x - 49 = 95 - x$$

$$\Rightarrow 2x = 144$$

$$\Rightarrow x = 72$$

Number is 72.

82. (c):

Let a number be x then

$$x \times \frac{60}{100} - x \times \frac{40}{100} = 30$$

$$\Rightarrow x \times \frac{20}{100} = 30$$

$$\Rightarrow x = 30 \times 5$$

$$\Rightarrow x = 150$$

Hence 20% of 150

$$\Rightarrow 150 \times \frac{20}{100} = 30$$

Hence, the number is 30.

83. (c): A B C

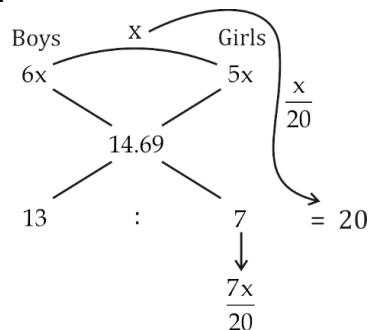
$$4 : 5 : 9$$

$$4 + 5 + 9 = 18$$

$$18 \xrightarrow{\times 7869} 141642$$

$$\begin{aligned} \text{B's Share} &= \frac{7869 \times 5}{100} \times 80 \\ &= 31476 \end{aligned}$$

84. (c):



$$6x - \frac{7x}{20} = 14.69$$

$$x = 2.6$$

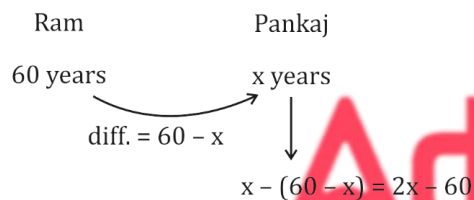
$$\text{Required average} = 5 \times 2.6 = 13 \text{ years.}$$

85. (b):  $X = \sqrt{3.6 \times 0.9} = 1.8$

$$Y = \frac{8 \times 8}{4} = 16$$

$$Y - X = 16 - 1.8 = 14.2$$

86. (d):

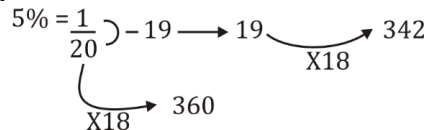


ATQ,

$$60 = 3(2x - 60)$$

$$x = 40 \text{ years}$$

87. (a):



If he not give any discount

$$12\% = \frac{3}{25}$$

$$28 \rightarrow 360$$

$$1 \rightarrow \frac{360}{28}$$

$$25 \rightarrow \frac{360}{28} \times 25$$

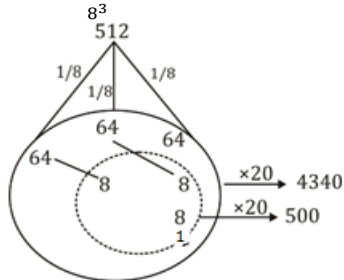
$$= 321.42$$

88. (b):  $\frac{1+2^2+3^2+4^2+5^2+6^2+7^2}{28}$

$$= \frac{1+4+9+16+25+36+49}{28}$$

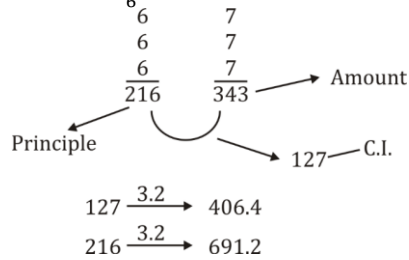
$$= \frac{140}{28} = 5$$

89. (c):  $12\% = \frac{1}{8}$



CI is 500 Rs. more than SI

90. (b):  $16.66\% = \frac{1}{6}$



91. (b): Principle =  $x$

Amount =  $3x$

A.T.Q.  $\frac{x \times 12 \times t}{100} = 2x$

$t = \frac{100}{12}$

$= 16\frac{2}{3}$  years.

92. (c):

$$\frac{4 \times 3 \times 2}{4 \times 3 \times 2} = 4 \Rightarrow x = 1$$

So, A : B : C = 3 : 2 : 1

So, C's share =  $\frac{4500}{6} = 750$

93. (a): teacher's age =  $21 \times 21 - 20 \times 20 = 41$

94. (b):

A.T.Q.-

Let age of bride =  $x$  year

So,  $126 + x + 6 \times 4 + 5 = 180$

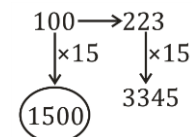
$x = 25$  year

95. (c):  $x^2 = 135 \times 540$

$x = \sqrt{135 \times 540}$

$= 270$

96. (c):



97. (c): Req. Avg. =  $\frac{31+37+41+43+47+53+59}{7}$

$= \frac{311}{7} = 44.43$

98. (b):

$$\begin{aligned} (.000216)^{1/3} &= \left( \frac{216}{10^6} \right)^{1/3} \\ &= \left( \frac{6 \times 6 \times 6}{10^2 \times 10^2 \times 10^2} \right)^{1/3} \\ &= \frac{6}{10^2} \\ &= \frac{6}{100} \\ &= 0.06 \end{aligned}$$

99. (a): L.C.M. of 21, 36, 66 = 2772.

Now,  $2772 = 2 \times 2 \times 3 \times 3 \times 7 \times 11$

To make it a perfect square, it must be multiplied by  $7 \times 11$ .

So, required number =  $2^2 \times 3^2 \times 7^2 \times 11^2 = 213444$

100. (a):

$$\begin{aligned} 3\sqrt{5} + \sqrt{125} &= 17.88 \\ \Rightarrow 3\sqrt{5} + \sqrt{25 \times 5} &= 17.88 \\ \Rightarrow 3\sqrt{5} + 5\sqrt{5} &= 17.88 \\ \Rightarrow 8\sqrt{5} &= 17.88 \\ \Rightarrow \sqrt{5} &= 2.235 \\ \therefore \sqrt{80} + 6\sqrt{5} &= \sqrt{16 \times 5} + 6\sqrt{5} \\ &= 4\sqrt{5} + 6\sqrt{5} \\ &= 10\sqrt{5} = (10 \times 2.235) = 22.35 \end{aligned}$$

101. (b):

102. (c):

103. (c):

104. (c):

105. (b):

106. (b):

107. (a):

108. (b):

109. (c):

110. (d):

111. (c):

112. (a):

113. (b):

114. (a):

115. (d):

116. (a): 8 March is celebrated as the Ordnance Factory Day in India. OFB is the world's largest government-operated production organisation, and the oldest organisation run by the Government of India. It has a total workforce of about 80,000.

117. (a): Gorakhpur is a city along the banks of the Rapti river in the north-eastern part or the Purvanchal region of the Indian state of Uttar Pradesh. It is situated 273 kilometres north-east of the state capital Lucknow.

118. (b): Explanation: Narendra Modi inaugurated Maitri Setu also called as India Bangladesh Friendship Bridge to give a boost to the relationship between the two countries.

119. (c): Amman is the capital and largest city of Jordan and the country's economic, political and cultural centre.



- 120. (a):** "Sowa-Rigpa" commonly known as Tibetan system of medicine is one of the oldest, Living and well documented medical tradition of the world.  
It has been originated from Tibet and popularly practice in India, Nepal, Bhutan, Mongolia and Russia.  
The majority of theory and practice of Sowa-Rigpa is similar to "Ayurveda".
- 121. (a):** Pushpagiri Wildlife Sanctuary is one of 21 Wildlife Sanctuaries of India's Karnataka state.  
This sanctuary is located in Somwarpet taluk of the Kodagu district.  
It is home to rare and endangered birdlife.  
The Kadamakkal reserve forest is a part of the sanctuary. Pushpagiri is the highest peak in it.
- 122. (c):** Meghalaya is home to the Khasi, Jaintia and Garo tribes. Jainsem is the traditional costume for women and is usually made of mulberry silk, a local specialty. Over the jainsem, they wear cotton shawls called tap-moh khlieh.  
Garo women can be seen wearing eking — a wraparound.
- 123. (b):**
- 124. (d):** 'Hola Mohalla' is the annual Sikh festival celebrated on the following day of the festival Holi at Sri Anandpur Sahib, Punjab.  
The festival will be celebrated for 3 days from March 10 to 12, 2020.  
The festival aims to physically strengthen Sikh community by holding acrobatic military exercises and mock battles.
- 125. (d):** This year, the theme for International Women's Day (8 March), "#EmbraceEquity,"
- 126. (a):** The U.S. men's national team, Mexico and Canada, will automatically qualify for the 2026 FIFA World Cup.
- 127. (c):** Tarkash is a military exercise between India and US. A joint counter-terrorism exercise between National Security Guard (NSG) and US Special Operations Forces (SOF) culminated in Chennai.  
Theme: "Promotion of Mizos' culture and moral code"
- 128. (a):** Microsoft announced the first stable launch of its Edge browser built on the Google Chromium open source project.  
Microsoft Edge can be downloaded on both Windows machines and Macs.
- 129. (d):** Capital of Portugal is Lisbon and Currency is Euro.  
Portugal is a southern European country on the Iberian Peninsula, bordering Spain.
- 130. (c):** George J. Laurer (94-years) passed away at his home in Wendell, North Carolina in the US.  
Mr. Laurer was an electrical engineer with IBM in North Carolina's Research Triangle Park in the early 1970s when he spearheaded the development of the UPC (Universal Product Code), or bar code.
- 131. (c):** Mahadayi river originates from Western Ghats from the Bhimgad Wildlife Sanctuary in Khanapur taluk of Karnataka's Belagavi district.  
Flowing westward, it enters Goa from Sattari taluk of North Goa districts.
- 132. (d):** Chhattisgarh government has announced that the state is set to have Guru Ghasidas National Park in Kotiya district as its fourth 'tiger reserve'.  
This decision was taken in 11th meeting of Chhattisgarh State Wildlife Board chaired by Chief Minister Bhupesh Baghel.
- 133. (b):** Dr Shyama Prasad Mukherjee Indoor Stadium is an indoor stadium located in Punji, Goa
- 134. (a):** Sardar Patel Zoological Park is located in Gujarat which is coming up near the 'Statue of unity' in Kevadia.  
It was recently in news because it has got 43 new inmates from across the world.
- 135. (d):** Maharashtra was the overall champion of the Khelo India Youth Games by securing a total of 161 medals including 56 gold, 55 silver, and 50 bronze medals \* PM Modi is expected to perform yoga asanas based on the Common Yoga Protocol.
- 136. (a):** The Socio Economic and Caste Census 2011 (SECC) was conducted for the 2011 Census of India. It was last conducted in 1931.
- 137. (a):** ICICI bank has the maximum number of foreign branches amongst the private sector banks. SBI leads the list of public sector banks, followed closely by Bank of Baroda.
- 138. (d):** Hampi with Chariot is visible on the new Rs 50 notes.
- 139. (c):**
- 140. (c):** Sutlej is the modern name of rig vedic Sutudri. Sutlej is the longest of the five rivers that flow through the historic crossroads region of Punjab in northern India and Pakistan. The Sutlej River is also known as Satadree. It is the easternmost tributary of the Indus River. The river basin area in India is located in Himachal Pradesh, Punjab, Jammu and Kashmir, Rajasthan and Haryana states.

- 141. (d):** According to the categories of land mentioned in the Chola inscriptions, there are five types of land which are discussed below:  
Vellanvagai : land for non-Brahmana, peasant proprietors  
Brahmadeya : land gifted to Brahmanas  
Shalabhoga : land for the maintenance of a school  
Devadana : Tirunamattukkani: land gifted to temples  
Pallichchhandam : land donated to Jaina institutions
- 142. (a):** 1911, Narayan Rao Malhar Joshi established an organization called the Social Service League. The League conducted training programmes for volunteers, whose services were later utilized for relief work among people suffering from famines, epidemics, floods and other disasters, and also for welfare programmes among the poor and the destitute.
- 143. (a):** Prithviraja III (1168-1192) was a best known Chahamana ruler.  
He defeated an Afghan ruler whose name was Sultan Muhammad Ghori in 1191, but lost to him the very next year, in 1192.  
He was popularly known as Prithviraj Chauhan or Rai Pithorain Chahamana Dynasty later known to be as Chauhan Dynasty.
- 144. (d):** Mahatma Gandhi went to Ahmedabad in 1918 to organise a satyagraha movement amongst cotton mill workers. This happens due to tension between workers and mill-owners of Ahmedabad. Gandhiji himself went onto a fast until death and asked the workers to go on a strike and demand for a hike of 35% in their wages.
- 145. (b):**
- 146. (d):** In Windows operating system, a text box is a graphical user interface element used to input, edit, and display text data. Text boxes are commonly used in various applications such as word processors, web browsers, and email clients, among others.
- 147. (c):** Shift + Delete will delete the selected item permanently
- 148. (c):** An operating system is required to boot a system.
- 149. (c):** Windows 1.01. The first Windows version was built around the year 1985, and it marked a historical development in the field of software programming as it was one of the most advanced operating systems that were ever made.
- 150. (b):** .txt. Every program that produces output like a photo or a text can be saved using different extension types. The notepad uses the .txt format, which means "text". These are widely used formats for recording texts on an operating system.
- 151. (c):** Windows Key+D
- 152. (c):**
- 153. (b):** The operation of combining two cells into a single cell in Excel is referred to as merge cells.
- 154. (a):** Tab Key can be used for indentation.
- 155. (c):** To move to the bottom of a document, press Ctrl key + End key.
- 156. (d):** All these formats can be added to a PPT.
- 157. (a):** A table consists of columns and rows, which are referred as field and record in DBMS term.
- 158. (a):** Union operation performs a set union of two 'similarly structured' tables.
- 159. (a):** The Office Clipboard stores text and graphics that you copy or cut from anywhere, and it lets you paste the stored items into any other Office file.
- 160. (d):** In Railways, Mainframe Computers are used.
- 161. (b):** A page break is a marker in an electronic document that tells the document interpreter that the content which follows is part of a new page.
- 162. (c):** The Word Count command displays the total number of page, words and lines in a document.
- 163. (b):** Ctrl + J is the shortcut key to justify text.
- 164. (a):** Ctrl + P is used to print document(s).



165. **(c):** Spyware usually finds its way onto your computer without your knowledge or permission. It runs in the background, collecting information or monitoring your activities.
166. **(d):** spoofing refers tricking or deceiving computer systems or other computer users. This is typically done by hiding one's identity or faking the identity of another user on the Internet.
167. **(a):** Outlook is an e-mail service.
168. **(c):** URL is the abbreviation of Uniform Resource Locator. URL is the global address of documents and other resources on the World Wide Web. A URL is one type of Uniform Resource Identifier (URI).
169. **(a):** The bottom section of the screen, on which we can find START button is called taskbar.
170. **(b):** Microsoft Excel version, Excel 2019 released in 2019.
171. **(a):** the minimum and maximum zoom percentage in Microsoft word is 10 % and 500 % respectively.
172. **(b):** Android Operating system is an example of Open-source operating software.
173. **(c):** In power point, the Header & Footer button can be found on the insert tab in text group.
174. **(d):** In MS word, the shortcut key for undo is Ctrl + Z
175. **(a):**
176. **(b):** This indicates either a possible spelling error or that Word doesn't recognize a word, such as a proper name or place. Green underline- Word thinks that grammar should be revised. Blue underline- A word is spelled correctly but does not seem to be the correct word for the sentence.
177. **(d):** The Text Rotation command allows you to rotate the text in any direction.
178. **(c):** Full form of MOUSE is Manually Operated User Selection Equipment.
179. **(d):** Office vista is not valid version of MS Office.
180. **(a):** Multimedia is content that uses a combination of different content forms such as text, audio, images, animation, video, and interactive content.

