

$$= 20000 \times 1.05 \times 0.4 + 16000 \times 1.01 \times 0.3$$

$$+ 7000 \times 1.1 \times 0.3 \times 1.25$$

$$= 8400 + 4848 + 2887.5$$

$$= \text{Rs } 16,135.5$$

185. 1; Required investment in high-risk stocks

$$= \frac{11,050,000 \times 8.9}{100}$$

$$= \text{Rs } 98,34,500$$

186. 4; Required investment

$$= 11,05,00,000 \times \frac{48.3}{100} \times \frac{26}{100}$$

$$= \text{Rs } 1,38,76,590$$

187. 4; High-risk stocks

188. 3

189. 1; Rajasthan (45%)

190. 2

$$191. 1; 25,00,000 \times \frac{70}{100} - 15,00,000 \times \frac{45}{100}$$

$$= 17,50,000 - 6,75,000$$

$$= 10,75,000$$

192. 1; It is obvious from the given diagram.

193. 4; Required per cent increase

$$= \frac{25}{150} \times 100 = \frac{100}{6} = 16\frac{2}{3}\%$$

194. 1; Required average number of employees

$$= \frac{150 + 125 + 175 + 225 + 250}{5} = \frac{925}{5} = 185$$

195. 1; Required difference in Rs '0000

$$= \frac{50 + 75 + 100 + 125 + 250}{5} - 100$$

$$= 120 - 100 = 20$$

$$\text{ie Rs } 2,00,000$$

196. 4; Required per cent

$$= \frac{300}{300 + 325 + 350 + 350 + 400} \times 100$$

$$= \frac{300}{1725} \times 100 = 86\frac{22}{23}\% \approx 87\%$$

197-200:

Subject	Students	Girls	Boys
Arts	216	168	48
Biology	234	168	66
Law	360	360	Nil
Computers	270	120	150
Maths	90	24	66
Political Science	630	360	270
Total	1800	1200	600

197. 2

198. 1

$$199. 2; \frac{270}{360} = 3 : 4$$

$$200. 4; \frac{(168 - 48)}{48} \times 100$$

$$= \frac{120 \times 100}{48} = 250\%$$