

- 5 (iv) $P(\text{earning } 13000 - 16000 \text{ and own. more than 2 veh.}) = \frac{25}{2400}$
- 5 (v) $P(\text{own. not more than 1 vehicle}) = \frac{1}{96} = \frac{2062}{2400} = \frac{1031}{1200}$
- 6 (i) $P(\text{student obtains less than 20% marks}) = \frac{7}{90}$
- (ii) $P(\text{student obtains 60 or more marks}) = \frac{23}{90}$
- 7 (i) $P(\text{student likes stat.}) = \frac{135}{200} = \frac{27}{40}$
- $P(\text{student does not like stat.}) = \frac{65}{200} = \frac{13}{40}$
- 8 (i) $P(\text{engg. lives less than 7 km from her workplace}) = \frac{9}{40}$
- (ii) $P(\text{engg. lives more than or equal to 7 km from her workplace}) = \frac{31}{40}$
- (iii) $P(\text{engg. lives within 1 km from her workplace}) = 0$