

Ex 15.1

$$5 \text{ (iv)} P(\text{earning } 13000 - 16000 \text{ and own. more than 2 veh.}) = \frac{25}{2400}$$

$$5 \text{ (v)} P(\text{own. not more than 1 vehicle}) = \frac{1}{96} = \frac{2062}{2400} = \frac{1031}{1200}$$

$$6 \text{ (i)} P(\text{student obtains less than 20% marks}) = \frac{7}{90}$$

$$6 \text{ (ii)} P(\text{student obtains 60 or more marks}) = \frac{23}{90}$$

$$7 \text{ (i)} P(\text{student likes stat.}) = \frac{135}{200} = \frac{27}{40}$$

$$P(\text{student does not like stat.}) = \frac{65}{200} = \frac{13}{40}$$

$$8 \text{ (i)} P(\text{engg. lives less than 7 km from her workplace}) = \frac{9}{40}$$

$$8 \text{ (ii)} P(\text{engg. lives more than or equal to 7 km from her workplace}) = \frac{31}{40}$$

$$8 \text{ (iii)} P(\text{engg. lives within 1 km from her workplace}) = 0$$