

# ST. ANDREWS SCOTS SR. SEC. SCHOOL

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Session - 2025-2026

Class - VII

Subject - Computer

Topic - L - 9 (Smart Living)

**Q1 Tick the correct option.**

1. (ii) Second
2. (ii) Automated transportation
3. (ii) Smart Smoke detectors
4. (i) Second
5. (iv ) All of these

**Q2 Fill in the blanks**

1. Third
2. Surveillance
3. Smart Thermostats
4. Gateways

**Q3. State True and False.**

1. True
2. True
3. False
4. True

**Q4 Answer these questions.**

**Ans 1. A smart highway features green spaces with plants and trees along the road. If space is limited, vertical gardens can be used . The system provides SMS alerts for traffic updates and medical emergencies.**

**Ans2. AI affected the automated transportation by improving efficiency, safety and sustainability through technologies like autonomous vehicles, optimized traffic management.**

**Ans3. Tesla and Waymo**

**Ans4. Challenges of establishing smart cities**

- a) Financial challenges due to lack of proper funds.**
- b) Growing population**
- c) Digital security issues**
- d) Lack of high speed Internet facility and connectivity issues.**

**Ans5. Benefits of Smart Cities are:-**

- a) They have an adequate water supply.**
- b) They have better transportation facilities.**
- c) Smart Cities have smart street lights.**
- d) The Public utilities are very efficient.**

**Ans6. Google's DeepMind has already beaten doctors in detecting fatal diseases like breast cancer in its early detection. It will not be very far that AI detect common diseases as well.**

**Application based questions: -**

**Ans i) CCTV Cameras**

**ii) Lethal Autonomous weapon system ( LAWS)**