1. **What is Air Quality Index?**
   (a) It tells about the sound pollution  
   (b) It measures air pollution mainly sulphur content in the air  
   (c) It measures ozone levels in your area  
   (d) It checks the colour of the air

2. **Secondary air pollutant is:**
   (a) Ozone  
   (b) Carbon monoxide  
   (c) Nitrogen Dioxide  
   (d) Sulphur dioxide

3. **Humans cause a significant amount of air pollution by burning _____ fuels?**
   (a) Natural  
   (b) Electric  
   (c) Fossil  
   (d) Renewable

4. **What effect of air pollution is caused when sulphur dioxide concentration is high in the atmosphere?**
   (a) Global warming  
   (b) Damage to the ozone layer  
   (c) Acid rain  
   (d) None

5. **What colour of the Air Quality Index lets us know that the air outside is ‘unhealthy’?**
   (a) Green  
   (b) Red  
   (c) Yellow  
   (d) Purple

6. **What odourless gas is produced by cars and can kill you if you breathe too much of it?**
   (a) Sulphur dioxide  
   (b) Carbon monoxide  
   (c) Carbon dioxide  
   (d) All of the above
7. What is the biggest single cause of air pollution?
(a) Factories  
(b) Air conditioner  
(c) Cars  
(d) Forest fires

8. The following pollutant is not contained in the vehicular exhaust emissions:
(a) Lead  
(b) Ammonia  
(c) Carbon monoxide  
(d) Particulate matter

9. Environmental friendliness of a vehicle could be measured by the amount of pollutants it emits per passenger per kilometre travelled. Rate the environmental friendliness (1=best & 4=worst) of the following vehicles as per this criterion:  
   Car: scooter: bus: bicycle  
(a) 4:3:2:1  
(b) 2:3:4:1  
(c) 3:2:4:1  
(d) 4:2:3:1

10. Diesel exhaust is the main source of three highly toxic pollutants that have a widespread impact on the urban air quality and human health. Name them  
(a) SPM, Sulphur dioxide and Nitrogen oxides (NOx)  
(b) Suspended Particulate Matter (SPM), benzene  
(c) Sulphur dioxide, Ammonia, Benzene  
(d) Lead, NOx, CO₂

11. Health problems related to air pollution include:  
(a) Respiratory illness  
(b) Asthma  
(c) Cardiovascular illness  
(d) All of these

12. Air is a mixture of various gases. One of the gases is 20% part of the air and is essential for the survival of human beings:  
(a) Nitrogen  
(b) Oxygen  
(c) Argon  
(d) Neon

13. Which of the following is not a source of air pollution?  
(a) Automobile exhausts  
(b) Burning of firewood  
(c) Windmill  
(d) Power plant

14. The phenomenon of marble cancer is due to  
(a) Soot particles  
(b) Acid rain  
(c) CFCs  
(d) None

15. The Pollution Standard Index (PSI) scale spans from  
(a) 0-200  
(b) 0-300  
(c) 0-400  
(d) 0-500

Answers:  
1. (c)  2. (a)  3. (c)  4. (c)  5. (b)  6. (b)  7. (d)  8. (b)  
9. (a)  10. (b)  11. (d)  12. (b)  13. (c)  14. (b)  15. (d)

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