

## **Hazmat Study Guide**

1. Any substance or material that possesses an unreasonable risk to health and safety of persons and/or the environment if it is not properly controlled is considered what?

### ***Hazardous Materials***

2. Who regulates the transportation of hazardous and explosive material by air, rail, water and highway

### ***Department of Transportation/DOT***

3. Who transports hazardous material on the roadway?

### ***State highway patrol***

4. What is a UN number?

### ***United Nation Identification Number***

5. What is the minimum temp at which a liquid or volatile solid gives off sufficient vapors to form an ignitable mixture with air near its surface?

### ***Flash point***

6. This refers to the density of materials at standard conditions of pressure and temperature?

### ***Specific Gravity***

7. Where is the bill of lading required to be located?

### ***In the cab within reach of the driver***

8. The DOT placarding system is...?

***Not flawless***

9. How many DOT classes are there?

***Nine***

10. How should you respond to a transportation hazard?

***Uphill/Upwind***

11. What is the incident problem solving model?

***Detect***

***Estimate***

***Choose***

***DECIDE***

***Identify***

***Do***

***Evaluate***

12. What level is law enforcement trained in Haz-Mat?

***Awareness level***

13. Vehicles carrying non-regulated hazardous materials SHOULD NOT travel where?

***Through heavily populated areas***

14. Who has the marking system for fixed facilities?

***National Fire Protection Association/NFPA***

15. The blue diamond on a fixed facility indicated what kind of hazard?

***Health***

16. The red diamond on a fixed facility indicated what kind of hazard?

***Flammability***

17. On a fixed facility what color indicates reactivity?

***Yellow***

18. On a fixed facility what color indicates and specific hazard?

***White***

19. Uniform or street clothes are classified as what level of protection gear?

***Level D***

20. What level of protection is a totally encapsulated chemical restraint suit?  
(maximum protection)

***Level A***

21. Level C protection suit requires the use of what?

***Air-Purifying Respirator/APR***

22. What are the proper steps to use a fire extinguisher?

***Pull***

***Aim***

***PASS***

***Squeeze***

***Sweep***

23. What are the 5 categories of weapons of mass destruction?

***Biological***

***Nuclear***  
***Incendiary***            ***B-NICE***  
***Chemical***  
***Explosive***

24. What does WMD stand for?

***Weapons of Mass Destruction***

25. How many types of harm are there?

***Six***

26. What are the six types of harm? (TRACEM)

***Thermal***  
***Radiological***  
***Asphyxiation***  
***Chemical***  
***Etiological***  
***Mechanical***

27. What guide do you use if there is no identifying information of a believable hazardous material?

***Guide 111***

28. What color pages do you use in the ERG if you know the name of the material you are looking for?

***Blue (Alphabetical order)***

29. What are the yellow bordered pages used for in the ERG?

***ID number (numerical order)***

30. These pages indicate two different types of safe distances, initial isolation distances and protective action distances. What color are these pages?

***Green***

31. What class fire extinguisher do you use for cloth, paper, and wood?

***Class A***

32. What is a class d fire extinguisher used for?

***Combustible metals***