

**\*\*\* EXAMINATION \*\*\***

**WATERSHED RESPONSE TO STORM EVENTS**

1. **A land management plan to respond to storm events**
  - a) will account for the potentially destructive effects
  - b) will predict the nature of storms
  - c) both a and b
  - d) None of the above
  
2. **The main source of water input for a watershed is**
  - a) the ocean
  - b) aquifers
  - c) rain
  - d) None of the above
  
3. **A disadvantage of precipitation water is the**
  - a) transportation of pesticides
  - b) transportation of nutrients
  - c) transportation of pollutants
  - d) All of the above
  
4. **Precipitation water infiltrates**
  - a) rock surfaces
  - b) soil surfaces
  - c) pavement surfaces
  - d) All of the above
  
5. **Water enters the atmosphere**
  - a) as water vapor
  - b) by flocculation
  - c) by sedimentation
  - d) by erosion
  
6. **Air pressure**
  - a) decreases with increasing altitude
  - b) increases with increasing altitude
  - c) decreases with decreasing altitude
  - d) Any of the above

7. **The order of physical properties change for precipitation is**
- a) moist air rises, expands, and cools
  - b) moist air expands, rises, and cools
  - c) moist air cools, rises, and expands
  - d) moist air cools, expands, and rises
8. **Falling rain drops grow**
- a) through collision
  - b) through condensation
  - c) both a and b
  - d) by evaporation
9. **Drizzle is a form of rain with droplets less than**
- a) about 0.1 mm
  - b) about 0.3 mm
  - c) about 0.5 mm
  - d) about 0.7 mm
10. **Fog drip is the result of**
- a) expansion
  - b) interception
  - c) coagulation
  - d) All of the above
11. **Frontal systems are also known as**
- a) convergence systems
  - b) separation systems
  - c) dry mass systems
  - d) moist mass systems
12. **Geographic precipitation results when an air mass**
- a) is forced over a coastal area
  - b) is forced over a mountain range
  - c) is forced over a city
  - d) is forced over an ocean
13. **An important storm characteristics is**
- a) precipitation amount
  - b) precipitation duration
  - c) precipitation intensity
  - d) All of the above
14. **Precipitation amount that falls on a watershed is**
- a) the depth in inches of rainwater
  - b) the area of rainwater
  - c) the volume of rainwater
  - d) Any of the above

15. **Duration of precipitation is**
- a) the hardness of rain
  - b) the inches of rain per hour
  - c) the type of soil where rain falls
  - d) None of the above
16. **Greater runoff volumes are generated**
- a) when less intensity precipitation occurs
  - b) when the soil is dry
  - c) when the soil conditions are saturated
  - d) All of the above
17. **The pattern of precipitation across a watershed is called**
- a) spatial distribution
  - b) area distribution
  - c) local distribution
  - d) sporadic distribution
18. **Precipitation may reach the soil surface by**
- a) throughfall
  - b) stemflow
  - c) canopy drip
  - d) Any of the above
19. **Intercepted precipitation reaches the soil surface and**
- a) infiltrates the soil
  - b) flows downhill
  - c) puddles and evaporate
  - d) Any of the above
20. **Precipitation that falls directly into a stream channel is**
- a) subsurface flow
  - b) channel interception
  - c) overland flow
  - d) Any of the above

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<b>*** ANSWER SHEET *** U391</b>  <b>WATERSHED RESPONSE TO STORM EVENTS</b>	<u>STATE BOARD</u>	<u>COURSE NO.</u>	<u>VALUE</u>
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