

INTERMEDIATE ENVIRONMENTAL MANAGEMENT (IEM) TEST

Circle the letter of the *best answer* to each question on the *answer sheet*. You may use your Hazardous Materials and Waste Management Handbook in answering these questions.

1. Under the Clean Water Acts, which of the following actions might be considered a felony?
 - A. Making false statements.
 - B. Omitting information on reports.
 - C. Discharging oil or other hazardous substances into the water, sanitary or storm water systems.
 - D. All of the above.
2. How often must TSSs and SASs be inspected?
 - A. Monthly.
 - B. Weekly.
 - C. Daily.
 - D. None of the above.
3. The DOT/OSHA definition of an “empty” container:
 - A. A container with little to no material.
 - B. Empty when “we say it’s empty”.
 - C. A container sufficiently cleaned of residue & purged of vapor or to remove any potential hazards.
 - D. A container that has less than 1 inch or 6 % of material remaining.
4. In the case of a spill and discharge of a HW, fuel, oil, or other hazardous material, what should you do first?
 - A. Clean up the spill and dispose of the debris.
 - B. Don’t do anything since all of the material went down the storm drain.
 - C. Look for a new job.
 - D. Immediately call the Installation Fire Department.
5. All of the following are examples of practicing P2 EXCEPT:
 - A. Attendance at spill prevention training
 - B. Using a credit card to make hazardous material purchases
 - C. Changing the motor oil in your POV at the auto craft shop
 - D. Crushing oil filters
6. Which of the following solid wastes can be put in dumpsters designated for trash?
 - A. Hazardous wastes.
 - B. Special solid wastes.
 - C. Recyclable materials.
 - D. None of the above.

7. An Environmental Management System:
 - A. is a P2 tool only for Environmental staff
 - B. is required by RCRA
 - C. requires identifying the environmental impacts of vehicle maintenance
 - D. is another term for affirmative procurement

8. What information can be found on the Waste Description Log?
 - A. A listing of all HMs use to generate a waste along with their MSDS.
 - B. A listing of all non hazardous materials used.
 - C. A description of how the waste was generated.
 - D. All of the above.

9. Purchasing of items on the Comprehensive Procurement Guidelines list is required for the following:
 - A. All federal facilities, on all items.
 - B. All federal facilities, on items that are purchased at \$10,000 or more annually.
 - C. All federal facilities, on all items, if one or more item is purchased at \$10,000 annually.
 - D. No federal facilities.

10. What is the total amount of hazardous wastes which can be accumulated at a TSS?
 - A. 55 gallons.
 - B. Unlimited amount.
 - C. 119 gallons.
 - D. One quart.

11. What constitutes “Knowing” in environmental law terms?
 - A. Mere knowledge of the facts.
 - B. Must know the activity is illegal.
 - C. Must know the activity was regulated.
 - D. None of the above.

12. How long from the ASD can hazardous wastes be accumulated at SASs using the HWAF for turn-ins?
 - A. 14 days.
 - B. No time limit.
 - C. 3 days.
 - D. None of the above.

13. Up to a 7 day supply of HMs may be purchased from:
- A. Stores downtown using credit cards.
 - B. The HazMart.
 - C. The supply system or GSA.
 - D. Any source is acceptable.
14. Which of the following is **not an emergency situation** but require a reporting?
- A. Fires involving HWs.
 - B. Discharge of HWs.
 - C. HW Spills that can not be handled by unit personnel.
 - D. Spills contained in the containment device or incidental spills which can be cleaned up by trained and equipped unit personnel.
15. When is the ASD applied to HW labels in SASs?
- A. When quantity limit is reached.
 - B. When HW is first added to container.
 - C. Never.
 - D. When the HW is turn-in to the waste to the Hazardous Waste Accumulation Facility.
16. Which activities on our installation incorporate prevention of pollution?
- A. Recycle, Reuse, Reduce, Treat, Dispose.
 - B. Hazardous Materials Handling.
 - C. Spill Prevention.
 - D. All of the above.
17. Which of the following solid wastes can be put in dumpsters?
- A. Cardboard.
 - B. Trash.
 - C. Aluminum Cans.
 - D. All of the above.
18. Each TSS and SAS location (new, moving, closing) must be approved. Who must approve?
- A. DPW-ENRD.
 - B. Post Safety.
 - C. Fire Department.
 - D. All of the above.
19. Which item is not on the Comprehensive Procurement Guidelines (CPG) list?
- A. Plastic envelopes.
 - B. Computer diskettes.
 - C. Re-refined lubricating oils.
 - D. Garden and soaker hoses.

20. How often must UW sites be inspected?
- A. Monthly.
 - B. Weekly.
 - C. Daily.
 - D. None of the above.
21. Under the RCRA, which of the following actions might be considered a felony?
- A. Making false statements on training records, inspections, waste identification.
 - B. Transporting HW to an unpermitted facility, including to and from Fort Story and Fort Eustis.
 - C. Treating and disposing of HW without a permit.
 - D. All of the above.
22. SASs can accumulate how much HW?
- A. 55 gallons of a HW or 1 quart of a P-listed HW.
 - B. Any amount.
 - C. 55 gallons of non-hazardous waste.
 - D. 55 gallons of a P-listed HW.
23. HM storage areas must:
- A. Have MSDS for each HM.
 - B. Have a Compatibility Chart.
 - C. Be inspected at least monthly.
 - D. All of the above.
24. What is one of the ways our installation is reducing waste at the source?
- A. Hazardous Waste Management.
 - B. Affirmative Procurement
 - C. Spills, Contingency Plans, and Emergency Response.
 - D. Solid Waste Management.
25. A 5-gallon can of engine oil has spilled on the ground in a motor pool. It does not appear to be near any water sources or storm drains. No other activity is taking place in the immediate area. The weather is clear, sunny and warm. Which type of incident is this classified as and what notification procedures are required (if any)?
- A. Non-emergency, call 911 immediately.
 - B. Non-emergency, no notification required.
 - C. Non-emergency, call 878-1008 or 422-7141 and do so immediately.
 - D. Emergency situation, call 911 immediately.

26. Which of the following are true for containers of HMs and HWs:
- A. Should be in good condition, materials should be compatible with the container, and incompatible materials or wastes should not be stored together.
 - B. Should be properly labeled at all times. Damaged labels should be replaced.
 - C. Should be tightly closed when not adding or removing materials or wastes.
 - D. All of the above.
27. What are methods for disposing of waste?
- A. Burning or Burying.
 - B. Releasing to atmosphere.
 - C. Discharging to water.
 - D. All of the above.
28. When is the ASD put on hazardous waste labels in TSSs?
- A. Not put on at TSS sites.
 - B. When 55 gal of HW is accumulated.
 - C. When wastes are first added to the container.
 - D. When containers are full and ready to be turned-in.
29. What are special solid wastes?
- A. Non-hazardous wastes, asbestos, and Used Oil.
 - B. Appliances, containers of free liquids, rubber tires, and steel drums.
 - C. Oil and fuel filters, dead animals, aerosol cans, and compressed gas cylinders.
 - D. All of the above.
30. Which policy outlines the regulations regarding CPG and Affirmative Procurement?
- A. RCRA – Resource Conservation and Recovery Act.
 - B. NEPA.
 - C. OSHA – Occupational Safety and Health Administration.
 - D. None of the above.
31. As a supervisor, you may be held responsible for the actions or inactions of your subordinates under which of the following provisions?
- A. “Strict liability”.
 - B. “Negligence”.
 - C. “Should have known”.
 - D. “Joint and several liability”.

32. TSSs can accumulate HW for how long before it has to be turned-in to the HWAF?
- A. No time limitations.
 - B. Up to 14 days.
 - C. Up to 90 days.
 - D. Up to 3 days.
33. HM storage areas must have:
- A. Signs which indicate “Hazardous Materials”, “No Smoking”, and “Unauthorized Personnel Keep Out”.
 - B. Site specific contingency plans and spill response equipment.
 - C. Emergency point of contacts,
 - D. All of the above.
34. Two 5-gallon cans solvents fell off some shelves inside a maintenance bay where you work. One container has broken open spilling its contents and the other container is lying in the spilled material. It is uncertain as to whether the second container broke. You are familiar with the hazardous materials in these containers and know that they both contain a highly volatile & flammable solvent. The odor from the vapors is rather strong and you hear some people coughing and saying it makes them sick. You are also aware that the spill is a few feet away from a floor drain that leads to the sanitary sewer and recall that this drain’s cover had not been replaced when the floor was cleaned yesterday. Which type of incident is this classified as and what notification procedures are required (if any)?
- A. Emergency situation, call 911 immediately.
 - B. Non-emergency, call 911 immediately.
 - C. Non-emergency, no notification required.
 - D. Non-emergency, call 878-1008 or 422-7141 after it’s cleaned up.
35. Which of the following apply to AECs?
- A. Signs CCLs along with the HWC. May act on behalf or in lieu of a HWC.
 - B. Conducts quarterly inspections IAW Appendix J for the Commander or Director.
 - C. AECs must complete all training requirements prior to performing duties.
 - D. All of the above.
36. Vehicle washing can occur?
- 1. In the parking lot
 - 2. At an approved washrack
 - 3. Near a storm drain
 - 4. None of the above

37. Personnel living on Post can use which of the following facilities to turn-in unwanted, old, or contaminated household chemicals and pickup unused products free of charge?
- A. HWAF.
 - B. HazMart.
 - C. HCEP at the SWRPPC.
 - D. None of the above.
38. Which of the following apply to HWM records?
- A. Must be maintained forever.
 - B. Must be maintained for 1 year.
 - C. Must be maintained for 3 years.
 - D. Must be maintained until the next HWC takes over.
39. Personnel attending Advanced Environmental Management (AEM) training for AECs & HWCs must have?
- A. HazCom training and First Responder Awareness Level training.
 - B. Basic Environmental Management (BEM) training.
 - C. Intermediate Environmental Management (IEM) training.
 - D. All of the above.
40. Non compliance with environmental regulations could result in which of the following?
- A. Civil fines under RCRA up to \$31,500 per day per incident.
 - B. Civil fines for CWA or CAA up to \$250,000 per day per incident.
 - C. Felonies up to 15 years per incident and or fines up to \$50,000 per day per incident.
 - D. All of the above.

INTERMEDIATE ENVIRONMENTAL MANAGEMENT (IEM) TEST

NAME: _____ DATE: _____
(LAST NAME) (FIRST NAME) (MI) Rank/Grade

(Group, Bde, Etc) (BATTALION and COMPANY) or (DIRECTORATE and DIVISION)

PHONE: VOICE: _____ FAX: _____ Email: _____

CIRCLE ONLY ONE: AEC HWC

CIRCLE ONLY ONE: INITIAL ANNUAL REFRESHER

DO NOT WRITE OR MARK ON THE TEST: PLACE ALL ANSWERS BELOW!
DIRECTIONS: CIRCLE THE BEST RESPONSE FOR EACH TEST QUESTION: GOOD LUCK!

- 1. A B C D
- 2. A B C D
- 3. A B C D
- 4. A B C D
- 5. A B C D
- 6. A B C D
- 7. A B C D
- 8. A B C D
- 9. A B C D
- 10. A B C D
- 11. A B C D
- 12. A B C D
- 13. A B C D
- 14. A B C D
- 15. A B C D
- 16. A B C D
- 17. A B C D
- 18. A B C D
- 19. A B C D
- 20. A B C D

- 21. A B C D
- 22. A B C D
- 23. A B C D
- 24. A B C D
- 25. A B C D
- 26. A B C D
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- 29. A B C D
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- 31. A B C D
- 32. A B C D
- 33. A B C D
- 34. A B C D
- 35. A B C D
- 36. A B C D
- 37. A B C D
- 38. A B C D
- 39. A B C D
- 40. A B C D