

***** EXAMINATION *****

PAVEMENT MAINTENANCE MANAGEMENT

1. **For asphalt pavements, a sample unit is**
 - a) approximately 1000 square feet
 - b) approximately 2500 square feet
 - c) approximately 4000 square feet
 - d) approximately 5500 square feet

2. **Pavement network branches are divided into sections by**
 - a) pavement structure
 - b) traffic volume
 - c) construction history
 - d) Any of the above

3. **Pavement condition is a factor of**
 - a) structural integrity
 - b) structural capacity
 - c) roughness
 - d) Any of the above

4. **Factors affecting the pavement condition can be**
 - a) measured by distress in the pavement
 - b) measured by temperature of the pavement
 - c) measured by the width of the pavement
 - d) Any of the above

5. **The distress in pavement may be rated**
 - a) cold, warm, or hot
 - b) low, medium, high
 - c) weak, even, strong
 - d) None of the above

6. **The cause of pavement deterioration can be identified by**
 - a) examining distress types
 - b) examining distress severities
 - c) examining distress quantities
 - d) All of the above

7. **Block cracking in asphalt pavements is generally due to**
- a) climate and durability problems
 - b) moisture and drainage problems
 - c) excessive load
 - d) All of the above
8. **Corrugation in asphalt pavements is generally due to**
- a) climate and durability problems
 - b) moisture and drainage problems
 - c) excessive load
 - d) All of the above
9. **Swelling of asphalt pavements is generally due to**
- a) climate and durability problems
 - b) moisture and drainage problems
 - c) excessive load
 - d) All of the above
10. **Punchout in concrete pavements is generally due to**
- a) climate and durability problems
 - b) moisture and drainage problems
 - c) excessive load
 - d) All of the above
11. **Joint seal damage in concrete pavement is general due to**
- a) climate and durability problems
 - b) moisture and drainage problems
 - c) excessive load
 - d) All of the above
12. **Surface roughness can be determined by**
- a) riding over the pavement section at its speed limit
 - b) walking over the pavement section at its speed limit
 - c) flying over the pavement section at its speed limit
 - d) None of the above
13. **Skid resistance and hydroplaning are concerns for**
- a) high-speed-traveled roads
 - b) airfields
 - c) both a and b
 - d) None of the above
14. **Common distress types for asphalt surfaced pavements are**
- a) patching
 - b) heating
 - c) freezing
 - d) All of the above

15. **Common distress types for jointed asphalt pavements include**
- a) alligator cracking
 - b) bumps
 - c) block cracking
 - d) All of the above
16. **Bumps and sags are measured in units of**
- a) square feet
 - b) linear feet
 - c) cubic feet
 - d) Any of the above
17. **Potholes are measured**
- a) in square feet
 - b) in linear feet
 - c) by the number of holes having a certain diameter
 - d) Any of the above
18. **Faulting is counted only at**
- a) joints
 - b) edges of pavements
 - c) edge of a slab
 - d) Any of the above
19. **Ride quality is determined by riding in a standard-size automobile**
- a) over the pavement at a slow speed
 - b) over the pavement at an excessive speed
 - c) over the pavement at the posted speed limit
 - d) None of the above
20. **Bleeding is measured in**
- a) linear feet
 - b) square feet of surface area
 - c) cubic feet
 - d) Any of the above

**GEOGRAPHIC INFORMATION SYSTEMS
GEOGRAPHIC INFORMATION CENTER
PO BOX 5839
MC ALLEN, TEXAS 78502-5839**

(800) 522-0139

**kh@acnet.net
Copyright 2012**

Name _____

Company _____

Address _____

City _____ **State** _____ **Zip** _____

Telephone _____ **E-Mail** _____

Fax _____ **24-Hour Fax**

Yes **No** **If fax and telephone are the same number, shall we call first?**

Mail the certificates to above address _____ **check address** _____ **envelope address**

State + Specialty + PE Registration number (i.e. TX EE 12389) _____

State + Professional Land Surveying registration number _____

NC (North Carolina) + Specialty + PE Registration number _____

NC (North Carolina) + Professional Land Surveying registration number _____

Professional Affiliations _____

Return this page with your answer sheet and a check or money order for \$100 per course. Use one check for each registrant (in your company) taking one or more courses. We accept company checks (if they are your employer's). We do not accept third-party checks or checks outside of your city of residence. Using third-party checks that do not include your name or company name may invalidate your professional development hours being reviewed by an audit process. Add \$5 for same day processing and priority shipping.

Make checks or money orders payable to Geographic Information Systems.

