

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

1-800-522-0139

**kh@acnet.net
Copyright 2010**

***** EXAMINATION *****

CIVIL WORKS CONSTRUCTION COST INDEX SYSTEM

1. **The forecast reliability of index tables is based on:**
 - a) the Department of Commerce index tables
 - b) the US Army Corps of Engineers index tables
 - c) the Office of Management and Budget inflation factors.
 - d) None of the above.

2. **The base year for this manual is:**
 - a) 1952
 - b) 1958
 - c) 1962
 - d) 1967

3. **A composite index is the combination**
 - a) of two or more cost indexes to form a single number.
 - b) of two cost indexes to form a single number.
 - c) of a cost index and the escalation cost index.
 - d) None of the above.

4. **A cost index**
 - a) is a ratio
 - b) uses costs at one period of time compared to the base year cost.
 - c) compares composite costs.
 - d) All of the above.

5. **The R.S. Means Company:**
 - a) is a subsidiary of the US Army Corp of Engineers.
 - b) prepares an installation labor index and materials index.
 - c) provides data for the county cost index.
 - d) None of the above.

6. **The quarterly cost index for dams in second quarter of 1982 is:**
 - a) 314.92
 - b) 316.05
 - c) 318.98
 - d) 328.44

7. **The quarterly cost index for dams in the first quarter of 1983 is:**
 - a) 329.81
 - b) 333.91
 - c) 335.14
 - d) 336.78

8. **The quarterly cost index for locks in the 3rd quarter of 1983 is:**
 - a) 317.17
 - b) 318.26
 - c) 327.53
 - d) 338.19

9. **The quarterly cost index for dams in the first quarter of 1982 is:**
 - a) 314.92
 - b) 316.05
 - c) 316.52
 - d) 317.12

10. **The quarterly cost index for power plants in the 2nd quarter**
 - a) of 1982 is 312.20
 - b) of 1982 is 316.05
 - c) of 1982 is 319.98
 - d) of 1982 is 324.44

11. **The quarterly cost index for dams in 1st quarter of 1984 is:**
 - a) 339.85
 - b) 342.69
 - c) 345.41
 - d) 348.83

12. **The quarterly cost index for dams in 1st quarter of 1985 is:**
 - a) 314.92
 - b) 348.18
 - c) 352.55
 - d) 355.23

13. **The state adjustment factor for Kansas is:**
 - a) 0.83
 - b) 0.93
 - c) 1.03
 - d) 1.13

14. **The state adjustment factor for Washington is:**
 - a) 0.83
 - b) 0.93
 - c) 1.03
 - d) 1.13

15. **Moving a project from Washington to Kansas would:**
- a) reduce the cost by 0.82301
 - b) reduce the cost by 82.301%
 - c) increase the cost by 17.699%
 - d) None of the above.
16. **The increase in the cost of a dam in Nov 1, 1997 delayed 2 years is:**
- a) \$1,047
 - b) \$12,083
 - c) \$23,500
 - d) None of the above.
17. **The cost index for dams on Nov 1, 1997 is:**
- a) 470.22
 - b) 475.97
 - c) 501.60
 - d) 523.12
18. **The cost of a project from lowest to highest will be in:**
- a) California, New York, Alaska, Utah
 - b) Utah, New York, Alaska, California
 - c) Utah, California, New York, Alaska
 - d) California, Alaska, New York, Utah
19. **The cost of a project in Alabama compared to Vermont is:**
- a) the same.
 - b) higher.
 - c) lower.
 - d) 1.20 times higher.
20. **The cost of a project in Texas compared to Oklahoma is:**
- a) the same.
 - b) higher.
 - c) lower.
 - d) 1.20 times higher.

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

1-800-522-0139
 kh@acnet.net
 Copyright 2010

*** ANSWER SHEET *** U11 CIVIL WORKS CONSTRUCTION COST INDEX SYSTEM	<u>STATE BOARD</u> <u>COURSE NO.</u> <u>VALUE</u>
	8 PDH
Office Use Only	

FILL IN ONE BOX FOR EACH ANSWER.

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

I hereby certify that I studied the course materials, and the above Answers are my own. No other person has helped me to complete this exam.

 Signature

 Date

 Printed or typed name

 Seal or Number

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

1-800-522-0139

**kh@acnet.net
Copyright 2010**

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 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) + 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.

