

Reg. No.:		T		
_				

Question Paper Code: 50306

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2017
Seventh Semester
Civil Engineering
CE 6703 – WATER RESOURCES AND IRRIGATION ENGINEERING
(Regulations 2013)

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions.

PART – A

(10×2=20 Marks)

- 1. What do you mean by storage and retarding reservoir?
- 2. State the location where levees and flood walls can be used.
- 3. Enumerate the Water Allocation priorities of National Water Policy.
- 4. What do you meant by the term Water Budget?
- 5. Define Field Capacity terminology.
- 6. Enumerate the factors affecting the duty of water canal system.
- 7. What do you mean by impounding structures?
- 8. State the drawbacks of Kennedy's theory.
- 9. Under which favorable conditions the sub-surface irrigation is practiced?
- 10. What are the objectives of participatory irrigation management?

PART – B

(5×16=80 Marks)

(16) (16) (16)
(16)
(16)
(10)
(16)
(16)
(16)
(16)
(16)
(20)
. (16)
(4 A)
(16)
s