



PUNJAB BOARD OF TECHNICAL EDUCATION

21-A, Kashmir Block Allama Iqbal Town, Lahore

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RD&QA Section Tel # 042-99260273

Ref. No. PBTE/RD&QA/2017/ 750

Dated:- 21-02-17

To

All Principals,
Government Colleges of Technology /
All Affiliated Polytechnic Institutes with P.B.T.E, Lahore.

Subject: Bifurcation / Division of the Marks of the Subject (Civil-334) Hydraulics and Irrigation Engineering Revised DAE Civil Technology.

The bifurcation / division of the following subject of Revised DAE Civil Technology has been made and will be available at PBTE website i.e www.pbte.edu.pk/modelpapers.html for the guidance of teachers and students for the DAE Examination 2019 and onward.

Sr. #	Subjects Name	Paper "A" (Topics) Marks = 75	Paper "B" (Topics) Marks = 75
	Hydraulics And Irrigation Engineering Civil-334	<ol style="list-style-type: none">1. Introduction2. Fluid Pressure and its Measurement.3. Hydrostatics.4. Floating Bodies Equilibrium.5. Hydro kinematic.6. Hydrodynamics.7. Flow through Pipes.8. Flow through Orifices.9. Flow over Notches.10. Flow over Weir.11. Flow through Open Channel.	<ol style="list-style-type: none">12. Introduction of Irrigation.13. Irrigation System in Pakistan14. Water Requirement of Crops.15. Methods of Water Distribution to Crop Fields.16. Storage Irrigation.17. Reservoirs.18. Weirs & Barrages.19. Regulating and Silt Controlling Works.20. Canals.21. Canal Falls.22. Cross Drainage Works.23. Maintenance of Canals.24. Distribution Works.25. Water Logging & Salinity.26. River Training Works.

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