## WASTE WATER AND IRRIGATION ENGINEERING DRAWING

-			Hours]	
1000	٠	Z + 1111	HAUTE	
Lune	٠	3.00	MUUMISI	

[Maximum Marks: 50

[Minimum Marks: 17

## NOTES:

- Answer Any 4 questions. Q.No. 1 is compulsory.
- ii) Students are advised to specially check the Numerical Date of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

## Q1) Answer any two parts:

 $[2 \times 7 = 14]$ 

- a) Draw Cross Section of a U shaped open drain with its Foundation.
- b) Draw cross section of a RCC sewer Pipe having internal diameter of 300mm.
- c) Draw section of a Gully Trap. Mention all details.
- Q2) Draw Cross section and Plan of a Manhole Assume data as per your choice.

[12]

Q3) Draw Plan and Elevation of a domestic septic tank for 10 users mention all details.

[12]

Q4) Draw plan showing all fittings of modern style of Bainfroom and W.C.

[12]

Q5) Draw cross section of a Tubewell with Runp House.

[12]

Q6) Draw system plan of Rain water harvesting system plan for a 500 sqm. Residential House, Having 250 Sqm. Built Up area of Ground floor (Assume Suitable data). [12]

(हिन्दी अनुवाद)

नोट : किन्हीं 4 प्रश्नों के उत्तर दीजिए । प्र.1 अनिवार्य है।

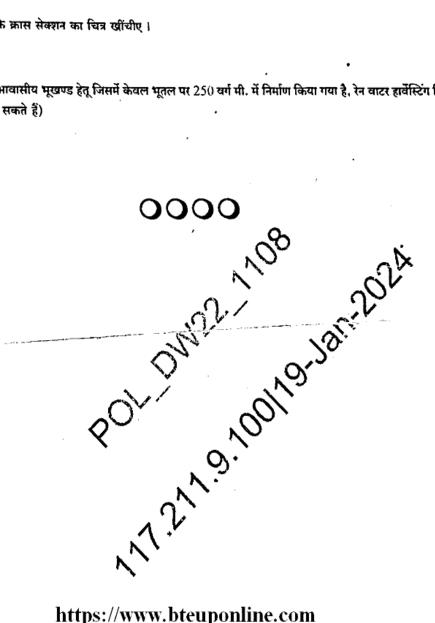
## प्र.1) किन्ही दो भागों का उत्तर दीजिए।

 $12 \times 7 = 14$ 

- अ) एक U-Shaped खुली नाली का क्रास संक्शन खींचीए। इसकी नींव को भी पदर्शित कीजिए ।
- a) 、 300mm आंतरिक व्यास के RCC सवर पाइप का क्रांस सेक्शन खींचीए।
- स) एक गली ट्रेप का सेक्शन, इसके समस्त विवरण के साथ खींचिए।

F-3263

(P.T.O.)



https://www.bteuponline.com Whatsapp @ 9300930012 Send your old paper & get 10/-अपने पुराने पेपर्स भेजे और 10 रुपये पायें, Paytm or Google Pay से