

V.P. & R.P.T.P SCIENCE COLLEGE  
INTERANAL EXAM  
T.Y.B.Sc (SEM-VI<sup>th</sup>) INSTRUMENTATION  
SUB. CODE:-US06CINV03



DATE:-08/03/2017

Time:- 11:00 am to 12:30 pm

MARKS-25

- Q-1 Choose correct answer** [3]
- Annunciator used for field instrumentation is  
(A) Vocal Annunciator (C) Relay type Annunciator  
(B) Integrator Annunciator (D) Semigraphic Annunciator
  - Which of the following control panel is most easy to construct?  
(A) Flat (C) Console  
(B) Front Break (D) All of above
  - To generate A.C. Power without battery backup \_\_\_\_\_ is used  
(A) UPS (C) UVS  
(B) Both can be used (D) none of above
- Q-2 Short answer type question.(Any Two)** [4]
- Describe in brief vocal annunciator.
  - Enlist different types of panel instruments.
  - Explain bus transfer switch briefly.
- Q-3** Explain in brief the role of test and acknowledgment buttons on annunciator panel [6]  
**OR**
- Q-3** Write short note on operational principle of annunciator system. [6]
- Q-4** Explain in details panel wiring and tubing. [6]  
**OR**
- Q-4** Explain in details the Graphic panels. [6]
- Q-5** Give a detailed account on power failure classifications. [6]  
**OR**
- Q-5** Enlist system components of UPS. Explain in details rotary equipments and batteries for UPS. [6]