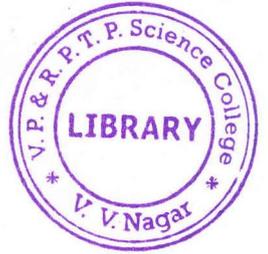


V P and R P T P Science College
Internal test in Botany
Semester: 6 ; US06CBOT05

Day: Friday
Time: 11 -12.30 pm.

Date: 16.03.2018
Marks: ~~30~~ 25

- Q.1. Multiple choice questions. Answer all. 03
- (i) Primers are usually used in:
(a) PCR (b) FISH (C) Autoradiography (d) None
- (ii) Who can clean the oil spill?
(a) Salmonella (b) Super bugs (c) Viruses (d) Algae
- (iii) Which can affect shoot elongation?
(a) Auxin (b) Cadmium (c) Phenyl oxidase (d) All
- Q.2. Short answer questions. Attempt any two. 04
- (i) What is explants?
(ii) Define amplification of DNA
(iii) What are transgenic organisms?
- Q.3. Describe the technique of isolation of chloroplasts. 06
OR
Q.3. Describe the role of plant tissue culture in agriculture. 06
- Q.4. Write the basic principle and working of PCR. 06
OR
Q.4. Write the applications of electrophoresis. 06
- Q.5. How biotechnology can help to clean the environment? 06
OR
Q.5. Write short notes on: 06
(i) Golden rice (ii) F S Tomato



Extra 05