

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(For Candidates admitted during the academic year 2004-05 & thereafter)

SUBJECT CODE: BT/MC/P553

B.Sc. PRACTICAL EXAMINATION OCTOBER 2007
BRANCH V (A) – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY
FIFTH SEMESTER

COURSE : MAJOR - CORE
PAPER : CELL BIOLOGY, GENETICS, INDUSTRIAL AND GENERAL
MICROBIOLOGY - PRACTICAL

TIME : 3 HOURS

MAX. MARKS: 100

1. Prepare a squash of **A**. Identify any two stages. Draw labeled sketches. Leave the slide for valuation. (15)
2. With the given data, map the genes. (10)
3. Solve the given problem..... (10)
4. Work out the given problem and find out the type of interaction involved. (10)
5. Prepare a Gram's stain of the given culture **B**. Write the procedure and record your result. (10)
6. Prepare a 10^{-2} dilution of the given sample **C**. Inoculate the same by using the following method – pour plate / streak /slant/ stub (15)
7. Write critical notes on **D, E, F, G, H, & I** (6 x 5 = 30)
