

**M.Sc. Fourth Semester Practical Examination
2009**

MICROBIOLOGY

(Practical)

PAPER—XXI

The figures in the right-hand margin indicate marks

GROUP—A

Full Marks : 20

Time : 10 hours

1. Enumerate the most probable number of fecal coliform organism through multiple tube fermentation method. 15

[Principle—3; Procedure—4; Work—3;
Result—3; Comment—2]

(Turn Over)

Or

Determine the level of BOD of supplied water sample. 15

[Principle—3; Procedure—4; Work—3;
Result—3; Comment—2]

2. Viva-voce. 3

3. Laboratory Note Book. 2

GROUP—B

Full Marks : 20

Time : 10 hours

1. Quantify the amylase production by supplied organism. 15

[Procedure—4; Work—4; Result—2;
Comment—2; Determination of growth rate &
product yield; 3 + 3]

2. Viva-voce. 3
3. Laboratory Note Book. 2
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