

2015

**P.G. Diploma Examination in
Quality Control and Assurance in
Microbial Technology**

1st Semester Examination

PAPER—QUA-105

(PRACTICAL)

Full Marks : 50

Time : 6 Hours

The figures in the right-hand margin indicate full marks.

*Candidates are required to give their answers in their
own words as far as practicable.*

Illustrate the answers wherever necessary.

- 1. Enumerate the microbial load in the given water sample.**

15

[Procedure : 5, Result : 5, Comment : 5]

- 2. Isolate plasmid from the supplied bacterial sample.**

15

[Procedure : 5, Result : 5, Comment : 5]

(Turn Over)

3. Find out the molecular weight of supplied protein sample by comparing with protein marker using SDS-PAGE. 10
 4. Laboratory Note Book. 5
 5. Viva-Voce. 5
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