



**NBA-9090**

Seat No. \_\_\_\_\_

**M. D. (Branch-IX) Examination**

**March / April - 2017**

**Microbiology : Paper - IV**

***(Recent Advances)***

Time : **3** Hours]

[Total Marks : **100**

**Instructions :** (1) Figures on right hand side indicate full marks.  
(2) Draw neat and clean diagram wherever necessary.

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|----------|---|-----------|
| <b>1</b> | Rapid diagnostic methods of microbial infections with special reference to recent advances. | <b>33</b> |
| <b>2</b> | Discuss role of hospital infection control committee in hospital infection control program. | <b>33</b> |
| <b>3</b> | Write notes on :  | <b>34</b> |
|          | (i) Quality assurance in microbiology laboratory.   |           |
|          | (ii) Biofilm.   |           |

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