

Total No. of Printed Pages - 2

**SS/BSN-1/MIC/03-18**

**2 0 1 8**

( March )

**MICROBIOLOGY**

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

Answer **all** questions

1. How are streptococci classified? What are the diseases caused by streptococcus pyogens? Describe briefly laboratory diagnosis of streptococcal pneumonia.

5+4+6=15

2. What are Immunoglobulines? Describe briefly the different types of immunoglobulines.

5+10=15

3. Write short notes on (any five)

5×5 = 25

(a) Culture media.

(b) Sterilization by heat.

(c) Malarial fever.

( Turn Over )

( 2 )

- (d) Polio vaccine.
- (e) Laboratory diagnosis of AIDS.
- (f) Morphological classification of fungus.
4. Answer the following : ( any five ) 2×5=10
- (a) What is Chlamydia trachomatis?
- (b) Name the viruses causing viral meningitis.
- (c) What is incineration?
- (d) Name the organisms causing urinary tract infection.
- (e) Name the hypersensitivity reactions.
- (f) What is fumigation?
5. Fill in the blanks : 1×10=10
- (a) B.C.G is a \_\_\_\_\_ vaccine.
- (b) Disposable syringe are sterilized by \_\_\_\_\_.
- (c) Hepatitis C virus is transmitted by \_\_\_\_\_.
- (d) Amoebiasis caused by \_\_\_\_\_ parasite.
- (e) Acute Rheumatic fever occurs following \_\_\_\_\_ bacterial infection.
- (f) Round worm infection is transmitted by \_\_\_\_\_ route.
- (g) \_\_\_\_\_ is the target cell for HIV.
- (h) Widal test is an \_\_\_\_\_ test.
- (i) Syphilis is caused by \_\_\_\_\_.
- (j) Diphtheria is caused by \_\_\_\_\_.

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