AUGUST 2007

[KR 1014]

Sub. Code: 4705

B.Sc. (Nursing) DEGREE EXAMINATION.

(New Regulation for the candidates admitted from 2006-07 onwards)

First Year

Paper V — MICROBIOLOGY

ks Time: Three hours

ks Descriptive: Two how

forty fi

ks Objective: Fifteen m

Ans

Essay:

- (1) Discuss as 15) disinfectants.
- (2) Define a nd 6) write about anaphyla

30) Short notes: II.

- Contribut (a)
- (b) Test for d
- (c) WIDAL to
- (d) Tetanus
- Normal fl
- Polio. **(f)**

	Maximum	: 75 mar
urs and ive minutes	Descriptive	e: 60 mar
inutes	Objective	: 15 mar
wer ALL que	stions.	
various	chemical	used (1
and classify axis in detail		itivity a (2 + 7 +
		$(6 \times 5 = 3$
tions of Louis lisinfectants est.	s Pasteur	
lora		
		

FEBRUARY 2008

[KS 1014]

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B.Sc. (Nursing) DEGREE EXAMINATION.

(New Regulation for the candidates admitted from 2006-07 onwards)

First Year

Paper V — MICROBIOLOGY

Q.P. Code: 664705

Time: Three hours

Maximum: 75 marks

Theory: Two hours and

Theory: 60 marks

forty five minutes

M.C.Q.: Fifteen minutes

M.C.Q.: 15 marks

Answer ALL questions.

I. Essay questions:

- (1) Write in detail about Hospital acquired infection and Hospital infection control programme. (15)
- (2) Classify different types of sterilization. Write in detail about moist heat sterilization. (15)

II. Write short notes on the following: $(6 \times 5 = 30)$

- (a) Louis Pasteur
- (b) Flagella
- (c) Transport media
- d) Candida albicans
- (e) Type IV Hypersensitivity
- (f) Polio vaccine.

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First Year

Paper V — MICROBIOLOGY

Q.P. Code: 664705

Time: Three hours Maximum: 75 marks

Answer ALL questions.

I. Essay:

 $(2 \times 15 = 30)$

1. (a) Classify vaccines

(5)

(5)

- (b) Describe immunisation schedule.
- (c) Write about BCG Vaccine.

(5)

2. Classify Bacteria, write in detail about various structures of Bacterial cell. (15)

II. Write short notes on:

 $(5\times 5=25)$

- 1. Hospital Acquired Infections.
- 2. Grams Staining.

- 3. Antibodies.
- 4. Rabies Vaccines.
- 5. ELISA Test.

III. Short answer questions:

 $(10 \times 2 = 20)$

- 1. Write any two contributions of Louis Pasteur.
- 2. What is iso immunization?
- 3. Define Nosocomial infections.
- 4. Mention contributions of Edward Jenner.
- 5. Mention two uses of Pasteurization.
- 6. List the diagnositic methods for tuberculosis.
- 7. Mention two bacteria causing gas gangrene.
- 8. Give two examples of latent viral infection.
- 9. What are the target cells and the receptors for HIV?
- 10. Name any four oppurtunistic Fungi.