



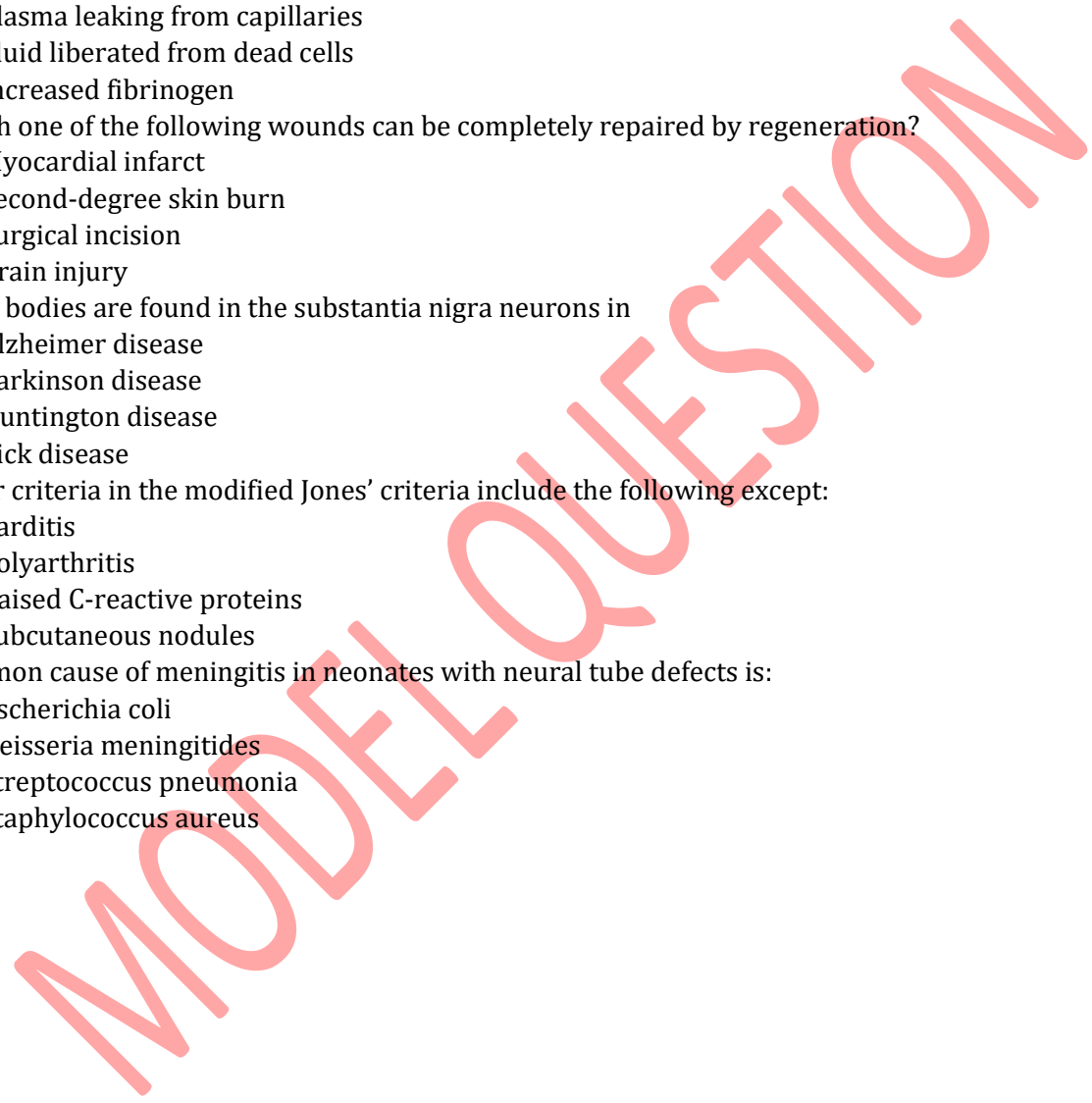
Faculty: Medicine and Allied Health Sciences	Year/Part: I/I
Program: Pharmacy	Exam Year: 2080, Mangshir (Model Question)
Level: Bachelor	Subject: Pathophysiology I (BP102)

GROUP A (Multiple Choice Questions)

[5x1=5]

- i. Answers should be given by filling the Multiple Choice Questions' Answer Sheet.
- ii. Rough can be done in the main answer sheet
- iii. Maximum time of 10 minutes within the total time is given for this group.

1. Edema in acute inflammation is mainly the result of which one of the following?
 - a. Accumulation of neutrophils
 - b. Plasma leaking from capillaries
 - c. Fluid liberated from dead cells
 - d. Increased fibrinogen
2. Which one of the following wounds can be completely repaired by regeneration?
 - a. Myocardial infarct
 - b. Second-degree skin burn
 - c. Surgical incision
 - d. Brain injury
3. Lewy bodies are found in the substantia nigra neurons in
 - a. Alzheimer disease
 - b. Parkinson disease
 - c. Huntington disease
 - d. Pick disease
4. Major criteria in the modified Jones' criteria include the following except:
 - a. Carditis
 - b. Polyarthritis
 - c. Raised C-reactive proteins
 - d. Subcutaneous nodules
5. Common cause of meningitis in neonates with neural tube defects is:
 - a. Escherichia coli
 - b. Neisseria meningitides
 - c. Streptococcus pneumonia
 - d. Staphylococcus aureus



Marks Secured: _____

Code No.

In Words: _____

Examiner's Sign: _____ Date: _____

Scrutinizer's Marks: _____

In Words: _____

Scrutinizer's Sign: _____ Date: _____

Corrected Fill

(A) ● (C) (D)

Incorrect Fill

✗ (A) ● (C) ✓ (D)

Multiple Choice Questions' Answer Sheet

1. (A) (B) (C) (D)	6. (A) (B) (C) (D)
2. (A) (B) (C) (D)	7. (A) (B) (C) (D)
3. (A) (B) (C) (D)	8. (A) (B) (C) (D)
4. (A) (B) (C) (D)	9. (A) (B) (C) (D)
5. (A) (B) (C) (D)	10. (A) (B) (C) (D)

MANMOHAN TECHNICAL UNIVERSITY
Office of the Controller of Examinations

Budhiganga-4, Morang, Koshi Province, Nepal
Exam Year: 2080, Mangshir

Faculty: Medicine and Allied Health Sciences	Level: Bachelor	Year/Part: I/I
Program: Pharmacy	Time: 1.5 Hours	F.M.: 25
Subject: Pathophysiology I (BP102)		P.M.: 12.5

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

GROUP A (Multiple Choice Questions and Answer Sheet in separate paper) [5x1=5]

GROUP B (Problem Based Question) [1x6=6]

1. A 65-year-old man comes to the medicine OPD with a several-month history of difficulty with his gait and coordination. He finds walking difficult and has almost fallen on a number of occasions, especially when trying to change directions. He has also found that using his hands is difficult, and other people have noticed that his hands shake. Physical examination is notable for a resting tremor in the hands that disappears with intentional movement. He has a shuffling gait with difficulty turning. There is so-called cogwheeling rigidity in his arms, a jerky sensation with passive flexion and extension of the arms.
- a. What is your provisional diagnosis? [1]
 - b. Where is the lesion in this case? [1]
 - c. Describe the pathophysiology of diagnosed condition. [4]

GROUP C (Long Answer Questions - Attempt Any Two) [2x4=8]

2. Describe the events of acute inflammation.
3. Describe about pathophysiology of osteomyelitis.
4. Describe mechanism of cell injury by hypoxia.

GROUP D (Short Answer Questions - Attempt Any Three) [3x2=6]

5. Mention the types of necrosis with example.
6. List the causes and clinical manifestation of gout.
7. What are the fates of thrombosis?
8. List the clinical features of shock.

∞∞∞ **The End** ∞∞∞