

Mid-West University
Examinations Management Office
Birendranagar, Surkhet
End Semester (Alternative/Physical) Examinations -2078

Bachelor level/ B.Sc /6th Semester

Time: 3hrs

Subject : Comparative Anatomy & Physiology (ZOO461)

Full Marks : 60

Pass Marks: 30

Candidates are required to give their answer in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt all the questions

[6x10=60]

1. Describe the digestive system of man with suitable diagram.
2. How systematic circulations differ from pulmonary circulation? How do bloods circulate throughout the body? Explain with internal structure of heart.
3. Define renal failure. Give an account of process and formation of urine in kidney.

OR

Write short notes on ECG, MRI and Bohr's effect.

4. Describe the anatomy of brain. How does nerve impulse conducted through nerve fiber.
5. Explain and draw the well labeled diagrams of chordates integuments.

OR

Draw the well-labeled diagram of chordates brain (no description required).

6. Give an account on anatomy and physiology of respiratory organs (with reference to man).

THE END