



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 3rd Semester Examination, 2020

CC7-PHYSIOLOGY

Full Marks: 40

ASSIGNMENT

*The questions are of equal value.
The figures in the margin indicate full marks.*

Attempt one question from Group-A and one question from group-B 20×2 = 40

GROUP-A

Answer any one question 20×1 = 20

1. Discuss the effect of pain sensation on the inhibition of monosynaptic and polysynaptic reflex action.
2. Discuss the inter-relationship between the reticular activating system with arousal or mental alertness.
3. Classify Nerve Fiber and discuss general properties of Nerve Fibres.

GROUP-B

Answer any one question 20×1 = 20

4. Name the neurotransmitters released at the following autonomic nerve fibres and their mode of action:
 - (a) Sympathetic autonomic fibres
 - (b) Parasympathetic autonomic fibres.
5. Discuss the physiology of sleep and its impact on ageing.
6. Discuss the impact of peptides and environmental stress factors on the process of memory.

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