UNIVERSITY OF NORTH BENGAL

B.A. Honours 2nd Semester Examination, 2020

GE2-PHILOSOPHY

WESTERN LOGIC

Full Marks: 60

ASSIGNMENT

The figures in the margin indicate full marks.

Prepare Assignment on any *three* from the following within 800 words each 20×3=60

1. Write the definition of proposition. Distinguish between proposition and sentence. What do you mean by classification of proposition? Explain with example. 4+6+4+6

2. Write about existential import of propositions. All standard forms of categorical propositions have existential import — Explain with examples. 4+16

3. Define conversion. Write the rules of conversion. Explain simple conversion of A proposition. Convert the following: 3+4+3+10
   (a) Only children are happy.
   (b) Some Indians are poet.
   (c) Some people are not intelligent.
   (d) No S is P.

4. Determine the validity or invalidity of the following argument with the help of Venn diagram: 5×4 = 20
   (a) EAO — 4th Figure
   (b) AAA — 1st Figure
   (c) He knows his son; so he must be a wise father.
   (d) Ram is mortal, because he is a man.

5. Write a note on scientific method. Mention its different steps and explain with examples. 5+15

6. Define hypothesis. Discuss the criteria for evaluating hypothesis. 4+16

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