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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATIONS- 2026

B.Tech-VIII Semester (CSE/IT/BT/ECE/CE)

COURSE CODE (CREDITS): 23B1WHS831 (3)

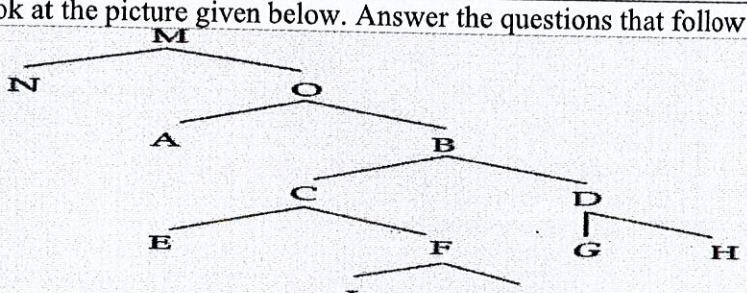
MAX MARKS: 25

COURSE NAME: Introduction to Science of Language

COURSE INSTRUCTOR: Dr. Atul Kumar Singh

MAX. TIME: 1 Hour 30 Min

Note: (a) All questions are compulsory. (b) Use of calculator is not allowed

Q.No	Question	CO	Mark
Q1	Solve the ambiguity of the following sentence in two ways- i) Paraphrasing ii) Drawing the phrase structure trees He proposed the girl running at a full speed.	5	2+4
Q2	Look at the picture given below. Answer the questions that follow  <pre> graph TD M --- N M --- O O --- A O --- B B --- C B --- D C --- E C --- F F --- I F --- J D --- G D --- H </pre> <p>a) Which nodes are c-commanded by O? b) Which nodes are preceded by D? c) Which nodes are immediately dominated by B? d) Does A precede C in the sentence? e) List any two nodes where one sister-precedes the other node?</p>	2	5
Q3	Using truth conditional semantics show that A, B and C together entail D A) Parul is cute or boring B) Lokesh is cute or Parul is not boring C) Lokesh is not cute D) Parul is cute	2	4
Q4	Can the sentence below be corrected with just an indexing modification? Why/Why not? *He _i likes herself _i	1	2
Q5	Use any constituency test to show that in the sentence <i>He was an incredible athlete during his time</i> i) an incredible athlete forms a constituent ii) athlete during does not form a constituent	1	2
Q6	Discuss how entailment and presupposition differ from each other using specific examples.	2	3
Q7	Briefly elaborate on three ideas contributed by Ferdinand de Saussure to the modern Linguistics.	4	3