JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT TEST -2 EXAMINATIONS-2022

B.Tech-III Semester (ECE)

COURSE CODE (CREDITS): 18B11EC313(4)

MAX. MARKS: 25

COURSE NAME: Electronic Devices and Circuits

COURSE INSTRUCTORS: Er. Munish Sood

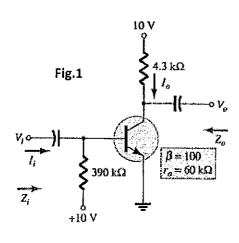
MAX. TIME: 1 Hour and 30 Minutes

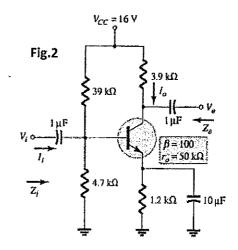
Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. For the network of Fig.1 calculate

[5] CO-2, CO-3

- a) I_B,I_C and r_e
- b) Z_i and Z_o and A_v





- Q2. For the network of Fig.2 calculate
 - a) I_E and r_e
 - b) Z_i and Z_o and A_v

[5] CO-2, CO-3

[5] CO-2, CO-3

- Q3) For the network of Fig. 3 calculate
 - a) Z_i, Z_o
 - b) A_v and V_o if Vi = 1 mV

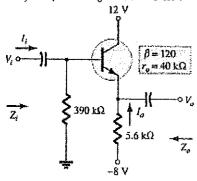
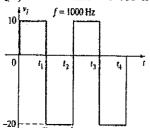
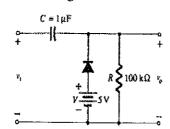


Fig.3

Q4) Determine Vo for the network of Fig.4





[3] CO-1

Fig.4

