PSG COLLEGE OF ARTS & SCIENCE

(AUTONOMOUS)

MSc(SS) DEGREE EXAMINATION DECEMBER 2023

(Third Semester)

Branch - SOFTWARE SYSTEMS (five year integrated)

COMPUTER ORGANIZATION

= 5)
een a
ode. unit
= 15)

10 a) Evaluate characteristics of multiprocessors.

OR

b) Examine time shared common bus.

SECTION -C (30 Marks)

Answer ALL questions
ALL questions carry EQUAL Marks

 $(5 \times 6 = 30)$

11 a) Enumerate input output configuration.

OR

- b) Elucidate input output instruction.
- 12 a) Determine three address instruction.

OR

- b) Elucidate RISC instruction.
- 13 a) Enumerate read operation in memory organization.

OR

- b) Determine hardware organization with neat diagram.
- 14 a) Explain in details about DMA transfer.

OR

- b) Determine IBM 370 I/O channel.
- 15 a) Elucidate multistage switching network.

OR

b) Explain in details about hypercube interconnection.

Z-Z-Z

END