

DEPARTMENT OF MATHEMATICS

FIRST SESSIONAL EXAMINATION

GRAPH THEORY

MA2305

TIME: 90 MIN.

MARKS: 50

Answer **ALL** questions.

1. Answer the following :

[5×2=10]

(a)

(b)

(c)

(d)

(e)

2.

[6]

3.

[6]

4.

[5]

5. Show that

(a) ABCD

(b) ABCH

(c) amsl

[10]

6. ABCD

[5]

7. ABCD

[8]