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The Universities of Melbourne, Adelaide and Western Australia, the Minister for Education in New South Wales, the Minister for Education, Training and Employment in Queensland and the Minister for Education and Skills, Tasmania, through the University of Tasmania

LICENTIATE DIPLOMA IN THEORY

Orchestration and arrangement

9.30 AM to 12.30 PM

SAMPLE PAPER 1

Time allowed: Three hours

Write your candidate number in the space at the top of this paper.
Write your answers neatly and clearly on this paper and on any additional sheets required.
Clearly label all extra sheets with your candidate number and the question number,
attach them to this paper and return it to the Supervisor.

SAMPLE ANSWERS

EITHER

Orchestrate this excerpt from the opening of Clementi's *Piano sonata* Op. 40 No 3 for full woodwind and brass ensemble. Use a score in C. Label the instruments on your score.

Adagio molto M.M. ♩ = 84

The musical score consists of three systems of piano notation. The first system (measures 1-4) begins with a forte (*f*) dynamic in the bass clef and a piano (*pp*) dynamic in the treble clef. The second system (measures 5-9) features dynamics of piano (*p*), fortissimo (*ff*), fortissimo (*fz*), and piano (*p*). The third system (measures 10-14) includes fortissimo (*fz*), forte (*f*), fortissimo (*fz*), fortissimo (*fz*), *dim.* (diminuendo), and *ritard.* (ritardando) markings. The piece concludes with a piano (*p*) dynamic in the treble clef.

OR

Arrange *Shenandoah* for an ensemble of at least six percussion instruments. Both pitched and unpitched instruments should be used. Label the instruments on your score.

Oh, Shen-an- doah, I long to hear you, A - way you roll - ing

4
ri - ver. Oh Shen - an - doah, I long to hear you, A -

7
way I'm bound to go, 'Cross the wide Mis - sou - ri.

The musical score for 'Shenandoah' is written in treble clef with a key signature of one flat (Bb). It consists of three staves of music. The first staff starts in 4/4 time and changes to 3/4 time. The second staff starts in 4/4 time and changes to 3/4 time. The third staff starts in 2/4 time and changes to 3/4 time. The lyrics are: 'Oh, Shen-an- doah, I long to hear you, A - way you roll - ing ri - ver. Oh Shen - an - doah, I long to hear you, A - way I'm bound to go, 'Cross the wide Mis - sou - ri.'

OR

Arrange this excerpt from *Five foot two, eyes of blue* for a big band or jazz ensemble of at least 5 players with instrumentation of your own choosing. Label the instruments on your score. Use a score in C. Include in your arrangement:

- a chord chart
- a notated line for a lead instrument(s)
- a notated line for a bass instrument.

Five foot two, eyes of blue, but oh, what those five foot could do, Has an - y - bo - dy

6
seen my girl? Turned up nose, turned down hose,

11
ne - ver had no oth - er beaus, Has an - y - bo - dy seen my girl?_____

The musical score for 'Five foot two, eyes of blue' is written in treble clef with a key signature of one flat (Bb) and a common time signature (C). It consists of three staves of music. The first staff has chords F, A7, D7, and G7. The second staff has chords C7, C+, F, C°, C7, C+, F, and A7. The third staff has chords D7, G7, C7, C+, and F. The lyrics are: 'Five foot two, eyes of blue, but oh, what those five foot could do, Has an - y - bo - dy seen my girl? Turned up nose, turned down hose, ne - ver had no oth - er beaus, Has an - y - bo - dy seen my girl?_____'

OR

Write a fanfare for full wind and brass ensemble using the rhythmic pattern below. The harmonic vocabulary should mainly consist of triads and seventh chords. Use a score in C. Label the instruments on your score.

Use the following instrumentation:

- Double wind
- 2 trumpets
- 2 horns
- 1 trombone
- 1 tuba

The musical notation is in 4/4 time. It consists of four lines of music. The first line starts with a half rest, followed by a quarter rest and a triplet of eighth notes, then a quarter note and a triplet of eighth notes, and finally a quarter note, a quarter rest, and a quarter note. The second line continues with a triplet of eighth notes, a quarter note, and a quarter note, followed by a quarter note, a quarter rest, and a quarter note, and then a quarter note, a quarter rest, and a quarter note. The third line features a quarter note, a quarter rest, and a quarter note, followed by a quarter note, a quarter rest, and a quarter note, and then a quarter note, a quarter rest, and a quarter note. The fourth line concludes with a quarter note, a quarter rest, and a quarter note, followed by a quarter note, a quarter rest, and a quarter note, and finally a quarter note, a quarter rest, and a quarter note.

Score in C

Adagio molto

The score is for an orchestra in C major, Adagio molto, 3/4 time. It consists of eight staves: Flute, Oboe, Clarinet in Bb, Bassoon, Horn in F, Trumpet in Bb, Trombone, and Tuba. The music is divided into four measures. Dynamics range from fortissimo (f) to pianissimo (pp). The woodwinds play a melodic line, while the brass instruments provide harmonic support.

Flute
f *pp* *f*

Oboe
f *pp* *f*

Clarinet in Bb
f *pp* *f*

Bassoon
f *pp* *f*

Horn in F
f *f*

Trumpet in Bb
f *f*

Trombone
f *f*

Tuba
f *f*

5

Fl.

Ob.

Bb Cl.

Bsn.

Hn.

Bb Tpt.

Tbn.

Tuba

p

ff

fz

9

Fl. *p* *fz* *f* *fz* *fz* *p* *dim.* *p* *ritard.*

Ob. *p* *fz* *f* *fz* *fz* *p* *dim.* *pp*

B♭ Cl. *p* *fz* *f* *fz* *p* *dim.* *p*

Bsn. *p* *fz* *f* *fz* *p* *dim.* *pp*

Hn. *f* *fz* *p* *dim.* *pp* *ritard.*

B♭ Tpt. *f* *fz* *p* *dim.* *p*

Tbn. *f* *fz* *p* *dim.*

Tuba *f* *fz*

Possible solution for Question 1b.

Adagio

Musical score for Glockenspiel, Xylophone, Tubular Bells, Suspended Cymbal, Triangle, and Tamtam. The score is in 4/4 time, with a 3/4 section at the end. The key signature has one flat (B-flat). The Glockenspiel part starts with a whole rest in the first two measures, then plays a chord in the third measure (p) and a melodic line in the fourth measure. The Xylophone part has whole rests in the first two measures, then a melodic line starting in the third measure (mp) and continuing in the fourth measure. The Tubular Bells part has whole rests in the first two measures, then a whole note in the third measure (pp) and a half note in the fourth measure. The Suspended Cymbal part has a series of notes with dynamic markings: mp > pp, mp > pp, mp > pp, and mp > pp. The Triangle part has whole rests in the first three measures and a whole note in the fourth measure. The Tamtam part has whole notes in the first three measures (mp) and a whole note in the fourth measure.

Musical score for Glk., Xyl., T.B., Cymb., Trgl., and T.T. The score is in 4/4 time, with a 3/4 section at the end. The key signature has one flat (B-flat). The Glk. part starts with a whole rest in the first measure, then plays a chord in the second measure (f), a melodic line in the third measure (f), and a melodic line in the fourth measure. The Xyl. part has a melodic line in the first measure (f), a melodic line in the second measure (f), a melodic line in the third measure (f), and a melodic line in the fourth measure. The T.B. part has whole rests in the first two measures, then a whole note in the third measure (mf) and a half note in the fourth measure. The Cymb. part has a series of notes with dynamic markings: mp > pp, mp > pp, mf, and mf. The Trgl. part has whole rests in the first two measures, then a whole note in the third measure (mf) and a whole note in the fourth measure (p). The T.T. part has whole notes in the first two measures (mf) and a whole note in the third measure (mf).

9

Glk.

Xyl.

T.B.

Cymb.

Trgl.

T.T.

pp

p

mp

p

pp

mf

mp

pp

mf > *p*

mf > *pp*

pp

mf

pp

Score in C

In 2 (♩ = 88)

The score is for a jazz ensemble in 2/4 time, marked 'In 2' with a tempo of 88 beats per minute. The key signature has one flat (Bb). The instruments and their parts are:

- Alto Sax 1,2:** Starts in the third measure with a fortissimo (*f*) chord.
- Tenor Sax 1,2:** Starts in the second measure with a fortissimo fortissimo (*ff*) note, then continues with a fortissimo (*f*) chord.
- Trumpet in Bb 1,2:** Features a fortissimo (*f*) triplet in the first measure, followed by a mezzo-forte (*mf*) note in the third measure.
- Trumpet in Bb 3,4:** Mirrors the first two trumpets, with a fortissimo (*f*) triplet and a mezzo-forte (*mf*) note.
- Trombone 1,2:** Starts in the second measure with a fortissimo fortissimo (*ff*) note, then a mezzo-forte (*mf*) note in the third measure.
- Trombone 3,4:** Starts in the second measure with a fortissimo fortissimo (*ff*) note, then a mezzo-forte (*mf*) note in the third measure, and a fortissimo (*ff*) note in the fourth measure.
- Acoustic Bass:** Provides a steady bass line with notes in the second, third, and fourth measures.
- Piano+Guitar:** Provides harmonic support with chords *Fmaj7* and *A7/E* in the third and fourth measures.

5

A. Sx.

T. Sx.

Bb Tpt. 1

Bb Tpt. 2

Tbn. 1

Tbn. 2

A.B.

Pno+Gtr

mf

f

f

mf

f

D D⁷ Gm⁷ C(sus4) C⁺

9

A. Sax. *f*

T. Sax. *f*

Bb Tpt. 1

Bb Tpt. 2

Tbn. 1 *mf*

Tbn. 2 *ff* *mf*

A.B.

Pno+Gtr

F C° C7 C+ F Fmaj7 A7/E D

14

A. Sax. *mf*

T. Sax. *mf*

Bb Tpt. 1 *f*

Bb Tpt. 2 *f*

Tbn. 1

Tbn. 2 *f*

A.B.

Pno+Gtr

D⁷ Gm⁷ C(sus⁴) C⁺ F B^b F Cm⁷ F

Score in C

Moderato

The score is for an orchestra in C major, 4/4 time, with a tempo marking of **Moderato**. The dynamic is **ff** (fortissimo). The score includes parts for Flute, Oboe, Clarinet in Bb, Bassoon, Horn in F, Trumpet in Bb, Trombone, and Tuba. The music features a dynamic of fortissimo (ff) and includes triplet markings in the woodwind and brass sections.

Flute *ff*

Oboe *ff*

Clarinet in Bb *ff*

Bassoon *ff*

Horn in F *ff*

Trumpet in Bb *ff*

Trombone *ff*

Tuba *ff*

5

Fl. *mf* *p*

Ob.

B♭ Cl. *mf* *p*

Bsn. *mf* *p*

Hn. *mp* *mp*

B♭ Tpt. *f*

Tbn. *mp*

Tuba

Create a piano reduction for this excerpt from the *Salterello* from Mendelssohn's *Symphony No 4*.

The musical score is arranged in a standard orchestral format. The woodwind section (Flauti, Oboi, Clarinetti in A, Fagotti) plays chords in common time, marked *ff*. The brass section (Corni in F, Trombe in Bb) also plays chords, marked *ff*. The percussion section (Timpani in E, A) is silent. The string section (Violino I, Violino II, Viola, Violoncello, Basso) plays a rhythmic pattern of eighth notes with triplets, marked *ff*. The Flauti part has a trill-like figure in the final measure, marked *ff*.

The first system consists of four staves. The top two staves are in treble clef, and the bottom two are in bass clef. The music features intricate melodic lines with many slurs and ties, indicating a continuous, flowing passage. The key signature has one sharp (F#).

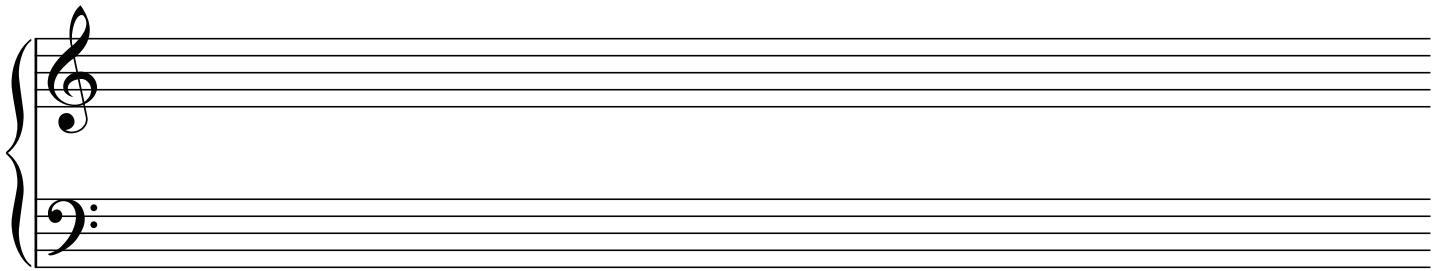
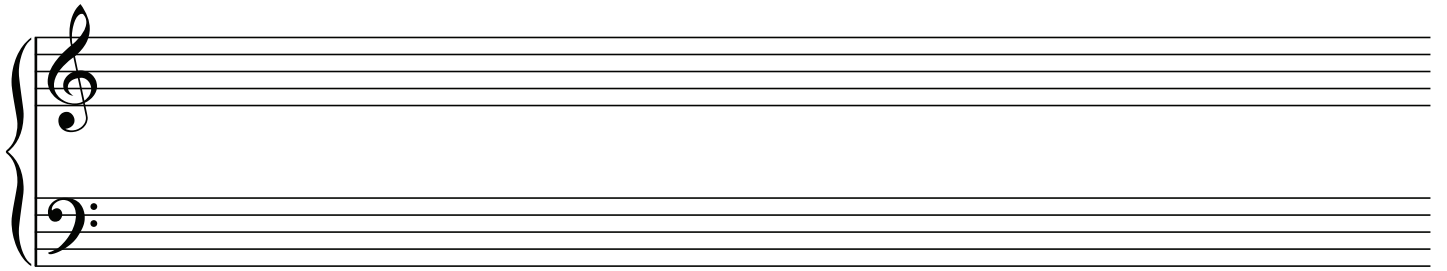
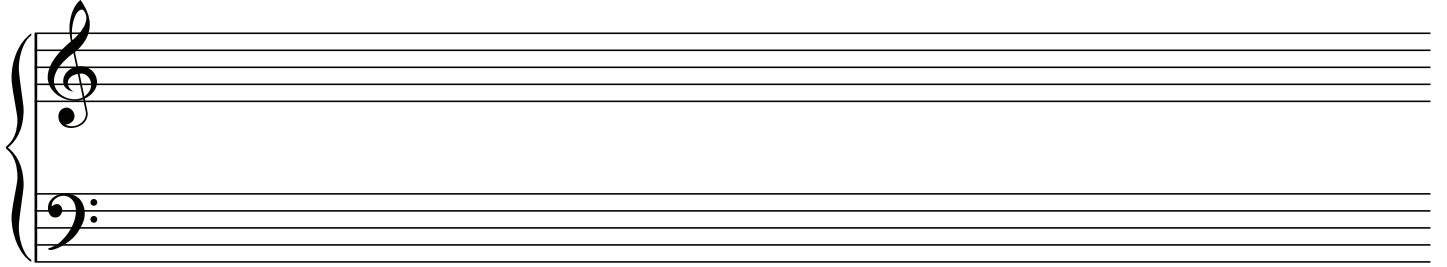
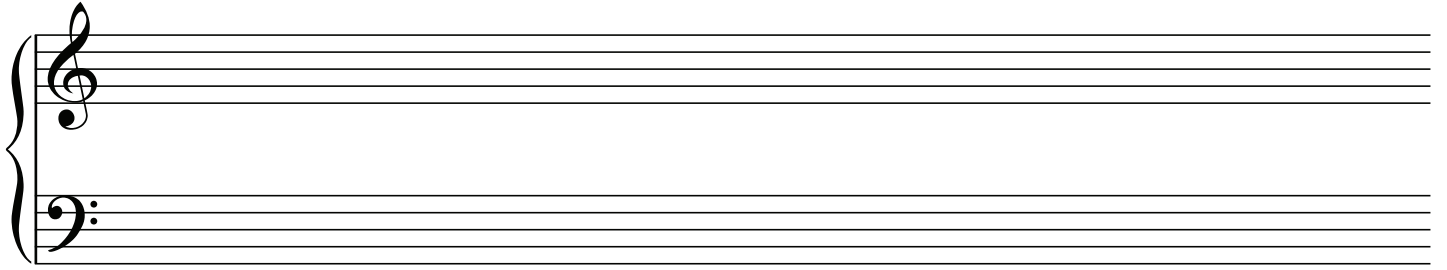
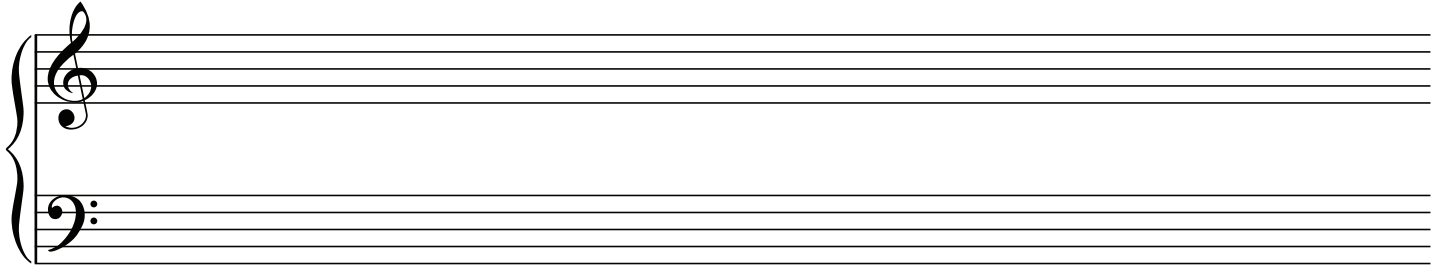
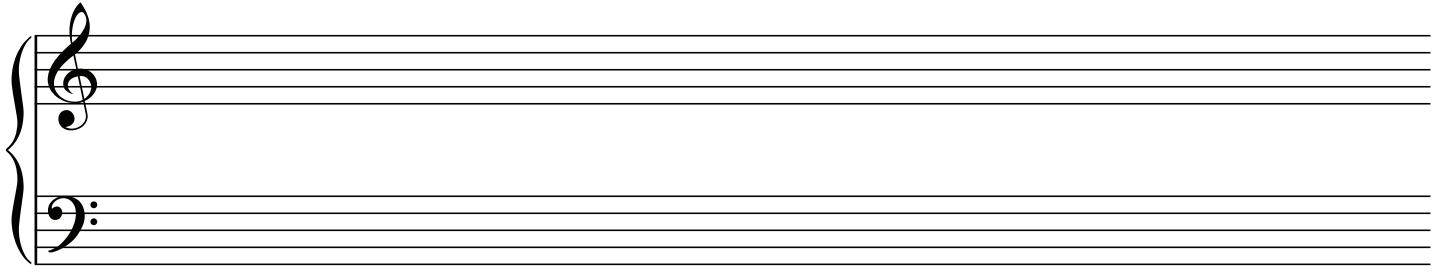
The second system consists of two staves. The top staff is in treble clef and the bottom staff is in bass clef. Both staves begin with a whole rest. In the second measure, the top staff has a quarter note followed by a forte (*ff*) dynamic marking. The bottom staff has a quarter note. The music continues with chords and rests.

The third system consists of five staves. The top two are in treble clef, and the bottom three are in bass clef. The music is characterized by extensive triplet patterns across all staves. A forte (*ff*) dynamic marking is present in the final measure of the system.

10

Piano

The musical score is written for Piano in a key of one sharp (F#) and common time (C). It consists of four systems of music, each with a treble and bass clef staff. The first system (measures 1-4) begins with a *ff* dynamic. The bass line features a triplet of eighth notes. The second system (measures 5-7) includes a slur over the treble staff and a triplet of eighth notes in the bass. The third system (measures 8-10) shows a dynamic change to *mf* and then *ff*, with a slur over the treble staff and a triplet of eighth notes in the bass. The fourth system (measures 11) concludes with a final chord in the treble and a triplet of eighth notes in the bass.



EITHER

Orchestrate this excerpt from Beethoven's *String quartet* No 10 for a sextet of wind and brass instruments of your choice. Label the instruments on your score. Use a score in C.

Allegro

The musical score is divided into three systems:

- System 1 (Measures 1-5):** Starts with a forte (*f*) dynamic. The first staff has a melodic line with a slur over measures 3-5. The second staff has a rhythmic accompaniment. The third and fourth staves provide harmonic support. Dynamics shift to piano (*p*) in measure 3.
- System 2 (Measures 6-10):** Continues the melodic and rhythmic patterns. A crescendo (*cresc.*) is indicated in the first staff starting in measure 6.
- System 3 (Measure 11):** The first two staves play a sixteenth-note pattern. The third and fourth staves play a bass line with a pizzicato (*pizz.*) instruction.

OR

Arrange this extract from Parry's *Solitude* as a wordless *a capella* four-part vocalise for SATB (soprano, alto, tenor, bass).

Andantino
legato sempre

Piano

p *mf* *dim.* *rall.*

5 *cresc. e accel.* *dim.* *rall.*

9 *a tempo* *mf* *sf* *rall.*

13 *a tempo* *p* *rall.*

Score in C

Allegro

Musical score for the first system, measures 1-4. The score is in 4/4 time with a key signature of two flats (Bb, Eb). The instruments and their parts are:

- Flute:** Measures 1-2: *f* (quarter note G4, quarter rest). Measure 3: *p* (quarter note G4, quarter rest). Measure 4: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Oboe:** Measures 1-2: *f* (quarter note G4, quarter rest). Measure 3: *p* (quarter note G4, quarter rest). Measure 4: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Clarinet in Bb:** Measures 1-2: *f* (quarter note G4, quarter rest). Measure 3: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4). Measure 4: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Bassoon:** Measures 1-2: *f* (quarter note G4, quarter rest). Measure 3: *p* (quarter note G4, quarter rest). Measure 4: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Horn in F 1:** Measures 1-2: *f* (quarter note G4, quarter rest). Measure 3: *p* (quarter note G4, quarter rest). Measure 4: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Horn in F 2:** Measures 1-2: *f* (quarter note G4, quarter rest). Measure 3: *p* (quarter note G4, quarter rest). Measure 4: *p* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).

Musical score for the second system, starting at measure 5. The instruments and their parts are:

- Fl.:** Measure 5: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4). Measure 6: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4). Measure 7: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4). Measure 8: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Ob.:** Measures 5-8: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Bb Cl.:** Measures 5-8: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Bsn.:** Measures 5-8: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Hn. 1:** Measures 5-8: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).
- Hn. 2:** Measures 5-8: *f* (quarter note G4, quarter note F4, quarter note E4, quarter note D4).

8

Fl. *cresc.* *p*

Ob. *p cresc.* *p*

Bb Cl. *p*

Bsn. *cresc.*

Hn. 1 *p*

Hn. 2 *cresc.*

12

Fl. *p*

Ob. *p*

Bb Cl. *p*

Bsn. *p*

Hn. 1 *p*

Hn. 2 *p*

Andantino ♩ = 40

Soprano
p legato sempre *mf* *cresc. e accel.*

Alto
p legato sempre *mf* *cresc. e accel.*

Tenor
p legato sempre *mf* *cresc. e accel.*

Bass
p legato sempre *mf* *cresc. e accel.*

6 *rall.* **a tempo**

S
dim. *mf* *sf*

A
dim. *mf*

T
dim. *mf*

B
dim. *mf*

12

a tempo *rall.*

S

A

T

B

p