

# Pulse

For Solo Flute, Computer, and Heart-Rate Monitor

Nicholas Shaheed

## Movement I

**♩ = Heart Beat**

4 5 6 7 8

8 9 10 11

11 12 13 14 15

15 16 17 18

18 19 20 21

21 22 23 24

24 25 26 27

27 28 29 30 31 32

32 33 34 35

*p*

*p*

*p*

*cresc.* *mf*

*cresc.*

*p*

*mf*

*p*

*mf*

*p*

*f*

*p*

This musical score is written for a single melodic line on a grand staff (treble and bass clefs). The key signature is one sharp (F#), and the time signature is 3/4. The score consists of 47 measures, numbered 35 through 81. The notation includes various rhythmic values (quarter, eighth, sixteenth, and thirty-second notes), rests, and dynamic markings. The dynamics are *f* (forte), *p* (piano), *mf* (mezzo-forte), and *ff* (fortissimo). There are also accents (>) and slurs. The score is divided into systems of four measures each, with the final system containing only three measures (75-81). The notation is complex, with many accidentals and ties.

35 *f* 36 37 38 *p* 39

39 *mf* 40 41 42

42 *f* 43 44 45 46 47

47 *ff* 48 49 50 51 52

52 53 54 55 56 57

57 58 59 60 61 62 63

63 64 65 66

66 67 68 69

69 70 71 72 73 74 75

75 76 77 78 79 80 81

81 82 83 84 85 86

86 87 88 89

89 90 91 92

92 93 94 95

95 96 97 98 99 100 101

*fff*

101 102 103 104 105 106 107 108

*p*

108 109 110 111 112 113

*sfz p sfz p*

113 114 115 116 117 118

*pp p*

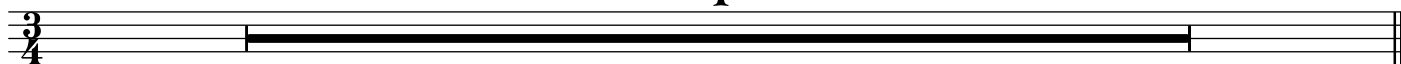
118 119 120 121 122 123 124

*mf pp p*

124 125 126 127 128 129 130 131

Interlude

4



## 4

## Movement II

**Heart Beat**

10-measure musical notation in 3/4 time. The melody consists of quarter notes on G4, A4, B4, C5, B4, A4, G4, F#4, E4, and D4. The first measure includes a piano (*p*) dynamic marking. The notation is divided into two systems of five measures each. A vertical rhythm diagram on the right shows the sequence of notes: a quarter note, followed by eighth notes, and then a series of quarter notes.

19 20 21 22 23 24 25 26 27 28 29

*p* *f* *sf* *p* *f* *sf* *p*

Diagram illustrating the musical score for 'The Rose Tree' (Example 1). The score is written on a single staff with measures numbered 19 to 29. The dynamics are indicated by *p* (piano), *f* (forte), and *sf* (sforzando). The melody is shown with notes and rests, and the bass line is indicated by a continuous line with notes. The score is divided into two systems, with measures 19-25 and 26-29. The first system ends with a double bar line and a repeat sign. The second system begins with a new key signature (one sharp) and a 4/4 time signature.

36 *cresc. poco a poco* 37 38 39 40 41 42

Three empty boxes for note identification are provided below the staff:

- Box 1:
- Box 2:
- Box 3:

The image shows a musical score for the song "The Rose Tree". It includes a piano (p) part and a guitar (g) part. The piano part is written in treble clef with a key signature of one sharp (F#). The guitar part is written in treble clef with a key signature of one sharp (F#). The score is divided into measures, with measure numbers 42 through 51 indicated above the staff. The piano part includes dynamic markings *fp* (fortissimo piano) and *ff* (fortissimo). The guitar part includes a dynamic marking *p* (piano). The score is presented in a simplified, stylized format, likely for educational purposes.

[illegible][illegible]

65 66 67 68 69 70 71

*p* *mp* *mf* *mp*

71 72 73 74 75 76 77

*f*

77 78 79 80 81 82 83 84

*sp* *mf*

84 85 86 87 88 89 90

*f* *ff*

90 91 92 93 94 95 96 97 98 99

*sp* *mf* *f*

99 100 101 102 103 104 105 106 107 108 109

ff

Interlude

4

Movement III

• = Heart Beat

7 13 19

p mp mf

30

A musical score for the song 'The Rose Tree'. The score is written on a single staff in treble clef. It begins with a 2/4 time signature, followed by a key signature change to B-flat major (one flat). The tempo is marked 'sp' (allegro). The melody consists of eighth and quarter notes, with some rests. A vertical line divides the score into two sections. Below the staff, there is a small diagram of a piano keyboard showing the notes C, D, E, F, G, A, and B. The notes are represented by black dots on a white background, with a small 'p' (piano) marking below the C note.

[illegible]

43 

50  Musical notation for measures 50-55. Measure 50: Treble clef, key signature of one flat (B-flat), 4/4 time. Notes: G4 (quarter), A4-B4 (beamed eighth notes), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter). Measure 51: Treble clef, key signature of one flat, 4/4 time. Notes: F#4 (quarter), E4 (quarter), D4 (half). Measure 52: Treble clef, key signature of one flat, 4/4 time. Notes: C4 (quarter), B3 (quarter), A3-B3 (beamed eighth notes), G3 (quarter). Measure 53: Treble clef, key signature of one flat, 4/4 time. Notes: F#3 (quarter), E3 (quarter), D3 (half). Measure 54: Treble clef, key signature of one flat, 4/4 time. Notes: C4 (quarter), B3 (quarter), A3-B3 (beamed eighth notes), G3 (quarter). Measure 55: Treble clef, key signature of one flat, 4/4 time. Notes: F#3 (quarter), E3 (quarter), D3 (half).

56 *f* *trm*  

 Musical notation for measures 56-60. Measure 56: Treble clef, key signature of two flats (B-flat and E-flat), 2/4 time signature. Notes: quarter rest, quarter B-flat, quarter E-flat, quarter D. Measure 57: quarter C, quarter B-flat, quarter A, quarter G. Measure 58: quarter F, quarter E-flat, quarter D, quarter C. Measure 59: quarter B-flat, quarter A, quarter G, quarter F. Measure 60: quarter E-flat, quarter D, quarter C, quarter B. The piece ends with a double bar line.



63 *mp* *mf*

70 *f*

79

87 *p* molto legato

95

102

110

The musical score consists of a single melodic line on a treble clef staff. The key signature has one flat (B-flat). The piece begins at measure 63 with a 4/4 time signature and a mezzo-piano (*mp*) dynamic. It transitions to 3/4 time at measure 64 and back to 4/4 at measure 65, where the dynamic changes to mezzo-forte (*mf*). At measure 70, the time signature changes to 2/4 and the dynamic becomes forte (*f*). Between measures 70 and 79, there is a vertical box containing a single note. At measure 79, the time signature changes to 3/4. At measure 87, the time signature changes to 2/4 and the dynamic becomes piano (*p*), with the instruction "molto legato" above the staff. The piece continues through measures 95, 102, and 110, which is the final measure, marked with a double bar line. The time signature changes to 3/4 at measure 102 and back to 4/4 at measure 110.