

An aleatoric approach will be utilized for the four measures m.117-120. In order to approach this, some equipment is required. These may be substituted for their digital equivalents.

- one 4-sided die
- one 6-sided die
- one 8-sided die
- one 12-sided die
- one 20-sided die

First, roll the 6-sided die to determine the mode of the 4 measures.

Value	Mode
1, 4	Dorian
2, 5	Phrygian
3, 6	Aeolian

Next, roll the 12-sided die to determine the tonal centre of the 4 measures.

Value	Tonal centre
1	A
2	E
3	B
4	F#/G b
5	C#/D b
6	G#/A b
7	D#/E b
8	A#/B b
9	F
10	C
11	G
12	D

Then roll the 6-sided die to determine how many beats each measure will have.

Value	Number of beats
1, 4	2
2, 5	3
3, 6	5

Next, roll the 4-sided die to determine how many beat subdivisions each beat will have.

Value	Subdivisions per beat
1, 3	2
2, 4	3

Now the chord progression will be determined. This will be a simple chord progression with a harmonic rhythm of one chord per measure. Only the chord of the second measure will be determined by the 6-sided die.

Value	Predominant chord
1, 4	ii ^o (if mode is Aeolian) ii (if mode is Dorian) II (if mode is Phrygian)
2, 5	iv (if mode is Phrygian or Aeolian) IV (if mode is Dorian)
3, 6	vi ^o (if mode is Dorian) VI (if mode is Phrygian or Aeolian)

Next, the chord of the third measure will be determined by the 4-sided die.

Value	Dominant Chord
1, 3	v ^o (if mode is Phrygian) v (if mode is Dorian or Aeolian)
2, 4	vii (if mode is Phrygian) VII (if mode is Dorian or Aeolian)

Then the chord progression played will be

i – (Generated Predominant) – (Generated Dominant) – i

Now, either the chosen modal scale or a pentatonic scale generated from the modal scale will be played. The 4-sided die should be rolled to determine which will be used.

Value	Scale
1, 3	Pentatonic
2, 4	Heptatonic

If the pentatonic scale was chosen, let the scale start with scale degree 1. Then the next four unique scale degrees will be generated by a 6-sided die. If the scale degree has already been chosen, roll again until a unique scale degree has been selected.

Value	Scale degree
1	2
2	3
3	4
4	5
5	6
6	7

Then sort the 5 tones in ascending order starting from tone 1 from the original modal scale. Then number them 1 through 5 so that 1 represents the first note in the new pentatonic scale and so forth.

Finally, the tones to be played as melody notes by the right hand will be generated. The left hand must follow the generated chord progression from before. The rhythm must strictly follow the generated time signature (that is, no polyrhythms, syncopation, triplets, or any stress or subdivisions of the beat not implied by the time signature) in a strict tempo where 120 beats will be played per minute, but any rhythm that follows naturally from the time signature will be allowed. No rests will be included for sake of simplicity. All notes should be played within the notes A2-A6.

Depending on which scale was chosen, there are two methods of generating which notes to play. The melody notes must begin on 1 and end on tone 1 of the scale.

If the chosen scale was pentatonic, the right hand melody will have a 10 note span. The 20-sided die will be used in this case.

Value	Tone to play
1, 11	1
2, 12	2
3, 13	3
4, 14	4
5, 15	5
6, 16	1'
7, 17	2'
8, 18	3'
9, 19	4'
10, 20	5'

If the chosen scale was heptatonic, the right hand melody will have an 8 note span. The 8-sided die will be used in this case.

Value	Tone to play
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	1'

Generate as many notes as needed to fill the 4 measures with the desired rhythm, then record or memorize all the necessary information. Play without hesitation or exaggeration. Shape the melody and phrase carefully, and let the underlying bass note harmony be evident despite the randomly generated melody. Avoid any tonal ambiguity.

No pedal (such as sustain, sostenuto, soft, practice) should be used for the duration of the 4 measures, nor should any special effects be used (such as modulation and pitch bend wheels, effects units).

All notes should be clear with a moderate attack. The tone should not be overly harsh or gentle, but it is important to incorporate some interpretation of the notes. The volume should moderate, around mezzo-piano to mezzo-forte.

If these instructions are too difficult to understand or if the generated 4 measures are too difficult to play, another performer may generate and perform the 4 measures.

I apologize in advance to all persons who have existed, are existing, or will exist.