2005

NZ RULE EXAMINATION FOR NON- BADGE HOLDERS Grade Level 3 and below (Grade 4 and above sit the Umpire Refresher)

PLEASE NOTE:

- 1. This examination is based on the New Zealand Rule Book as revised August 2002 and relates to Fast Pitch only.
- 2. A signal can be either VERBAL or PHYSICAL
- 3. For the sake of brevity in some questions the following symbols will be used:

For fielders:

F1 = Pitcher; F2 = Catcher; F3 = 1st Base; F4 = 2nd Base; F5 = 3rd Base; F6 = Shortstop; F7 = Left Field; F8 = Centre Field;

F9 = Right Field.

For runners: For batters:

R1 is always the lead runner, followed by R2, R3 etc. B1 is the lead off batter, followed by B2, B3, B4 etc.

For substitutes:

S1 is the first replacement player, followed by S2, S3, S4 etc.

INSTRUCTIONS:

- 1. Answer strictly according to the New Zealand Rule Book, NOT local bylaws and/or ground rules.
- 2. Only the answer sheet of this examination is to be returned for marking. You retain the question portion for further study.
- 3. There are 77 questions in total. 67 questions on straight rulings, with 8 questions requiring 2 answers, i.e., (A) & (B) and 8 questions requiring 3 answers, i.e., (A), (B) & (C).
- 4. All answers are either TRUE/FALSE or YES/NO and are worth (1) mark each, (a total of 100 marks).
- 5. Please indicate your answer by writing on the answer sheet. T, F, Y or N
- 6. Answer sheets are to be FAXED to 03-385 7634.
- 7 The answers will be posted on the SNZ Website MONDAY 24th OCTOBER.

Answer sheets not received prior to the posting of the answers will not be marked.

| | 2005 NZ RULES EXAMINATION | True/False Yes/No | section |
|----|---|----------------------|---|
| 01 | On a legally batted ball hit to the infield, the batter runner must use the foul portion of the double base | Т | R2 sec 4h Note 2 |
| 02 | The batter's bat comes into contact with the catcher's glove RULING : The umpire should always rule catcher's obstruction | F | R8 sec 1d & Effect or R7 sec 6l |
| 03 | A slap hit is not considered to be a bunt | Т | R1 sec 70 Note |
| 04 | R4 is on 1 st base, Batter 5 is in the batters box. Runner 4 breaks on the pitch in an attempt to steal to 2 nd base. Batter 5, who is still in the batters box, intentionally hinders F2 (Catcher) by leaning across the plate. F2 makes the throw, without contacting either B5 or the bat, and R4 is thrown out. RULING : (A) As there was no contact, the ball remains alive & play continues (B) Since R4 is put out, the play is allowed to stand (C) B5 remains in the batters box to face the next pitch | F F | R7 sec 6l 2 & Effect |
| 05 | Provided the umpire considers there was no intention to interfere with the course of the ball, does the ball remain alive when the batter drops the bat and the ball rolls against the stationery bat in fair territory? | Т | R9 sec 2u |
| 06 | R9 on 3 rd , R1 on 2 nd and R3 on 1 st , with two out. B4 hits the ball over the outfield fence. R3 misses 2 nd base. The defence appeal for R3 missing 2 nd . RULING: No runs score as the 3 rd out was a force out. | Т | R5 sec7b 2 |
| 07 | B1 hits a fly ball that lands on the ground in foul territory, a short distance beyond 1 st base. The ball spins back and hits the fair portion of the double base. F3 then fields the ball and touches the base before B1 arrives. RULING : This is a foul ball | Т | R1 sec 29c |
| 08 | Batter 7 swings at, and misses a called illegal pitch. RULING : The umpire shall signal a strike | F | R6 sec 8 Effect 2 |
| 09 | The offensive coach requests "Time" to speak to the batter. Later in the same innings, the Assistant coach requests "Time" to speak to the other coach. RULING: Is this considered to be a 2 nd charged conference? | Y | R5 sec 8a Note 1 |
| 10 | The ball is alive, when a fielder catches a foul fly, with one foot on the ground in dead ball territory | F | R9 sec 1h |
| 11 | R1 on 3 rd , R2 on 2 nd with one out. B4 mishits a slow ground ball along the first base line and all runners advance. F3 fields the ball and runs towards B4 who stops about 1m in front of F3. R1 crosses the plate. B4 then steps back towards home plate as R2 rounds third and continues on towards home. On seeing this, F3 ignores B4 and throws to F2, who tags R2 sliding into the plate. B4 advances to 1st. RULING: R1 scores. | F | R8 sec 2i and Effect sec 2g – k Exception |
| 12 | Due to injury, a team may finish the game with eight (8) players | F | R4 sec 3b |
| 13 | The playing field is the area between the foul lines in which the ball may be legally played and fielded. | F | R2 sec 1a |
| 14 | May the on-deck batter permitted to leave the on-deck to direct runners advancing from 3 rd base to home? | Y | R7 sec 1d 2 |
| 15 | A runner obstructed between 1 st and 2 nd base and tagged out sliding into 2 nd base can not be declared out on the tag. | Т | R8 sec 7b Effect 3 |
| 16 | Does the act of calling a runner out for deliberately removing a helmet during a live ball play cancel any force play? | N | R3 sec 6f note 2 & effect |

| 17 | A run shall not be scored if the third out of the inning is the result of a succeeding runner being forced out (including on an appeal play) due to the batter becoming a batter-runner. | Т | R5 sec 7b 2 |
|----|--|-------------|-------------------------------|
| 18 | A player, who deliberately takes a position in the batters line of vision or, with unsportsmanlike intent, acts in a manner to distract the batter, shall receive a warning from the umpire. | F | R6 sec 5b note |
| 19 | A legally batted ball which comes to rest in foul territory touching a portion of third base shall always be declared a foul ball. | F | R1 sec 23c |
| 20 | The DP is batting for the pitcher (DEFO) as the game goes on, all available substitutes have been used. In the 5 th innings, the short stop is not ready to go back on the field – she has to visit the restroom. The coach sends the DP out to play her position instead. RULING : This is not a substitution, it is merely a "defensive" position swap | Т | R4 sec 5g (after Effect) |
| 21 | On a pitched ball, that eludes the catcher, and is retrieved with the catchers mask, or helmet, there is no penalty if the runner(s) are not advancing, or if no advantage is gained. | Т | R8 sec 7f-3 Exception |
| 22 | Red Team line-up is: Young, Smith, Wilson & Lee. It is Young's turn to bat next. Smith bats instead and hits a single and remains at 1 st base. Wilson then enters the batter's box but before F1 delivers the pitch, the defense appeal for Wilson batting out of order. RULING: The umpire declares Young out and removes Smith from 1 st base to bat again. | Т | R7 sec 2c-d Effect 2a & 3a |
| 23 | It is the plate umpire's responsibility to enforce the rules governing conferences, both offensive and defensive. | Т | R1 sec 13 |
| 24 | The batting order is B1, B2, B3 etc. With one out, B4 leads off and hits safely. B6 comes to bat and hits a high fly ball to F8, B4 scores on the hit. The defence now appeal for B6 batting out of order. RULING: (A) B5 is out. (B) The run by B4 counts, as the appeal was made after B4 scored. | T F | R7 sec 2c Effect 1b & 2a |
| 25 | A batter hits a home run. After a pitch to the next batter, the defence appeal that the home run was hit by an illegal re-entry. RULING: (A) The home run is allowed (B) The illegal re-entry is declared "out" (C) The coach and illegal re-entry are removed from the game. | T F F | R4 sec 7 effect 2 & 3 |
| 26 | The pitcher wishes to remove himself from the pitching position. However once he has taken the signal from the catcher, he may not legally do so. | F | R6 sec 8 note |
| 27 | When a wild pitch or passed ball goes under, over, through or lodges in the back stop, all runners are awarded one base only. | Т | R8 sec 7c Effect |
| 28 | R1 on 2 nd base. Batter 2 enters the batters box. F1 pitches the first ball to B2 illegally, however B2 manages to hit the ball to F6. F6 fields the ball, holds R1 at 2 nd base, and then throws to F3 but not in time to retire B2. The offensive team coach elects not to take the result of the play, as he does not want his runners to be in a force situation. RULING : (A) The ball is dead (B) R1 remains at 2 nd base (C) Batter 2 returns to bat again with a count of Ball 1 | T F T | R6 sec 8 Effect 3 & 4 |
| 29 | If an umpire can not read the words "Official Softball" on the bat, he should allow the bat to stay in the game, provided the bat is legal in all other aspects. | Т | R3 sec 1n |
| 30 | Any umpire assigned to a game has the power to remove, or eject a player, coach or manager from the game for violation of the rules. | Т | R10 sec 1 l3 |
| 31 | The pitcher standing behind the pitcher's plate, takes the signal from the catcher, but shakes it off. He then steps onto the pitcher's plate, and takes another signal and pitches. RULING : The umpire should declare an illegal pitch. | Т | R6 sec 1d |

| 32 | A defensive coach is an eligible member of the team at bat who takes his place on the field, within the coaches box. | F | R4 sec 1c 2 |
|----|--|-------------|------------------------------|
| 33 | R5 is obstructed advancing to 2 nd base and misses the base. He is subsequently tagged out sliding into 3 rd base. In the judgment of the umpire R5 would have easily made 3 rd base had there been no obstruction by F4. The umpire declares the runner safe on the obstruction. The Defense now appeal for R5 missing 2 nd base. RULING : The umpire shall declare the runner safe at 3 rd on the obstruction. | F | R8 sec 7b Effect 3a |
| 34 | A legally batted ball hits a stationery bat; left by Batter 4 in foul territory; and then rebounds into fair territory where it is fielded by F3, and thrown to F4 to retire the batter. RULING : The umpire should declare a Foul Ball, and return B4 to the box | Т | R1 sec 29d |
| 35 | B5 steps into the batters box and receives two pitches; (Ball 1, strike 1). On the second pitch the batter swings off balance and the plate umpire then recognises the bat as an illegal bat. RULING: (A) The umpire declares the batter out (B) The bat is removed from the game. (C) The batter is ejected | T T F | R7 sec 6c & Note |
| 36 | When using a Designated Player (DP) they must always be used for the pitcher | F | R4 sec 5a |
| 37 | R2 is obstructed advancing to 1 st base and misses the base. He is subsequently tagged out sliding into 2 nd base. In the judgment of the umpire R2 would have easily made 2 nd base had there been no obstruction by F3. RULING : (A) The umpire shall declare a Dead Ball (B) The umpire shall award R2 1 st base as this is the only base the runner can safely be awarded without being put out. | T F | R8 sec 7b Effect 3 & 3a |
| 38 | Batter 4 leads off the inning and picks a walk. Batter 7 hits a safe single, advancing Batter 4 to 2 nd . Batter 5 strikes out. Batter 8 comes to bat, bunts and is thrown out at 1 st , with both runners advancing one base. The defensive team now appeal for batter 8 batting out of order. RULING : (A) Batter 6, the batter who should have batted, is out. (B) The out of batter 8 also stands | T T | R7 sec 2c-d Effects 2 & 4 |
| 39 | Is the pitching distance for an open female game 14.02m? (46') | F | R2 sec 3 |
| 40 | A legally batted ball hit the umpire standing behind 2 nd base RULING: Fair Ball | Т | R1 sec 23d |
| 41 | R1 on 3 rd base, R2 on 2 nd base with one out. Batter 4 hits a long fly ball to F8, who catches the ball. R1 tags up after the catch. R2 leaves before F8 touches the ball. R1 crosses home plate before an appeal is made at 2 nd base. RULING : The run does not count | F | R5 sec 7a |
| 42 | The pitchers plate shall be 61cm long and 15.2cm wide and shall be made of rubber, or any other suitable material. | F | R2 Sec 4 g |
| 43 | The area immediately behind home plate, between the batters boxes and home plate is not considered to be part of the catcher's box. | Т | R2 sec 4d |
| 44 | R3 on 3 rd base, R4 on 1 st base with two out. Batter 6 hits a long fly ball over the head of F7. R4 leaves on the pitch. R3 leaves before F8 touches the ball, and crosses home plate. R4 misses 2 nd base, but crosses home plate before an appeal is made at 2 nd base. RULING : No runs count. | Т | R5 sec 7b 2 |
| 45 | A legally batted ball that comes to rest in the batters box is always a foul ball. | F | R1 sec 29a |

| 46 | The ball is dead, when a runner is called out for running more than 0.9m (3') from the base path in regular or reverse order, to avoid being touched by the ball in the hand of a fielder. | F | R9 sec 2m |
|----|--|-------------|-------------------------------------|
| 47 | Does a play have to be made at the double base before a batter runner can be called out, on the appeal, for not touching the foul portion of the double base. | Т | R2 sec 4h Note b |
| 48 | One out, R2 on 3 rd base, R3 on 1 st base and Batter 4 in the batters box. Batter 4 slaps between F1 (pitcher) & F3 (1 st base). F3 fields the ball and throws to F6 covering 2 nd base for the force out on R3. R2 advances on the pitch crossing the plate before F6 touches 2 nd base. R3 runs into the throwing path of F6 in order to delay F6's attempt to throw to F4 at 1 st base for the double play. The action of R3 hinders F6 and B4 beats the throw. RULING: (A) The umpire should signal a delayed dead ball to see if the fielder gets the out (B) R3 is out. (C) R2 is safe home. | F T T | R8 sec 2m Effect |
| 49 | R7 is obstructed rounding 1 st base. He is subsequently tagged out sliding into 3 rd base. In the judgment of the umpire R2 would have easily made 3 rd base had there been no obstruction by F3. RULING : The umpire shall declare R7 out as he is only protected between 1 st and 2 nd base (the two bases between which he was obstructed). | F | R8 sec 7b 3 |
| 50 | The batting order is B1, B2, B3 etc. With none out, B1 leads off and hits safely. B3 comes to bat and hits into a double play, retiring both B1 and B3. The defence now appeal for B3 batting out of order RULING: (A) This is a triple play. (B) The next batter will be B3. | T F | R7 sec 2c-d Effect 2 |
| 51 | A foul fly shall be judged according to the position of the ball, not the position of the fielder when they first touch or subsequently catch the ball. | Т | R1 sec 29 Note 1 |
| 52 | A bat that has a new coat of paint identical to the original may be used in a game | F | R1 sec 1 |
| 53 | It is not a blocked ball when an overthrown ball accidentally contacts the base coach. | Т | R1 sec 9 |
| 54 | R1 on 1 st base, Batter 2 has a 0-2 strike. R1 breaks for 2 nd base on the next pitch which Batter 2 swings at. However, the pitch brushes Batter 2's shirt and R1 reaches 2 nd base safely. RULING : (A) Batter 2 is out on Strike 3 (B) The ball is alive (C) R1 remains at 2 nd base | T F F | R7 sec 6a & Effect |
| 55 | R1 on 3 rd R2 on 2 nd , one out. F8 is in the act of catching a fly ball when F7 collides with him causing the ball to bounce off his chest. F7 is able to catch the ball before it touches the ground for the second out of the innings. In order for R1 & R2 to advance to the next base safely, each runner had to wait and tag up at their base until the ball was legally caught by F7. | F | R8 sec 5e |
| 56 | When a fielder makes an appeal, he must be in the infield when making the appeal | Т | R1 sec 2 & R8 sec 9 Effect 1b |
| 57 | R1 is on 1 st base. R1 leads off with the pitch, which is hit along the ground to F9. F9 fields and returns the ball directly to F1, who steps onto the pitchers plate. R1 advances to and rounds 2 nd base on the hit, and on seeing F9 throw to F1, continues onto 3 rd base. F1 does not attempt to prevent the advance. The defensive team appeals to the umpire, stating that R1 can not advance while F1 is on the pitching plate with the ball. RULING : The umpire should ignore the request and the advance of R1 is legal. | Т | R8 sec 10k |
| 58 | When an umpire notices an unannounced substitution, on either offence or defense, he should invoke a penalty without waiting for an appeal | F | R4 sec 8e |
| 58 | The pitcher may not step backwards off the pitching mat if he has first separated his hands. RULING : The umpire should declare an illegal pitch. | Т | R6 sec 8 note |

| 59 | A legally batted ball that first lands on fair territory beyond 1 st or 3 rd base, before then spinning back and being fielded by a fielder in foul territory, will always be a fair ball. | Т | R1 sec 23e |
|----|--|--------|---------------------------------------|
| 60 | An umpire declares a forfeit in the 3 rd innings, due to being attacked by a player. RULING : This is classified as a regulation game, even though 5 innings have not been completed | Т | R5 sec 3e |
| 61 | R1 on 1 st , B2 shapes to bunt by positioning the bat squarely across home plate. R1 steals on the release of the pitch. B2 does not move the bat and the pitched ball is waist high across the plate. No contact is made between the bat and the ball. F2 makes contact with the bat as he is throwing the ball to 2 nd . R1 is thrown out in spite of the contact. RULING . B2 continues to bat because an out has been made. | F | R7 sec9l 2 & Effect |
| 62 | The DEFO can run for the DP or his substitutes every time they are on base. Each time this occurs it would be considered a substitution for the DP but not for the DEFO. | Т | R4 sec 5g |
| 63 | R1 on 3 rd when B2 bunts the 3rd strike. The ball pops up in the air, over foul territory, toward F5, who is in a position to catch the ball. R1, in attempting to return to third, collides with F5 who is on foul territory and the ball falls safely on to foul ground. RULING: (A) R1 is out for interference (B) B2 is also out for bunting foul on the 3rd strike. | T F | R1 sec 47 R7 sec 6f Exception 1 |
| 64 | It is considered a fair ball when the batted ball hits second base and rebounds into foul territory, between home and first base without being touched by a fielder. | Т | R1 sec 23 c |
| 65 | An umpire should declare a foul ball when a legally batted ball rebounds up from home plate, and hits the bat a second time while the batter is still in the batters box. | Т | R1 sec 29f |
| 66 | The DP is like any other starter player, there are no limits as to the number of innings or positions he can play on defense. | Т | R4 sec 5d |
| 67 | A ball is called, when a pitched ball hits the ground and the batter swings & misses | F | R7 sec 4b |
| 68 | Can the umpire declare a forfeit game if an ejected player remains on the bench? | Т | R1 sec 22 Note |
| 69 | R1 is on 2 nd base and R2 on 1 st base. B3 hits a sharp drive to Right field. Thinking the ball may be caught, R1 holds up on 2 nd base. F9 allows the ball to bounce and throws to F5 for the force-out on R1. R2 leads off on the pitch. The throw from F9 is wide and is misfielded by F5 and goes out of play. At the time of the throw both R1 & R2 are between 2 nd and 3 rd base. RULING: (A) Award R1 & R2 home on the overthrow. (B) Award B3 2 nd base | T T | R1 sec 59 R8 sec 7g Effect |
| 70 | A bat filled with water to extend the batters swing is legal | F | R1 sec 3c |
| 71 | A legally batted ball comes to rest on home plate. RULING: Fair Ball | Т | R1 sec 23a |
| 72 | The pitcher can not wear a sweat band on the wrist or forearm of either hand. | F | R6 sec 6d |
| 73 | Can the pitcher continue to wind-up after releasing the ball? | N | R6 sec 3k |
| 74 | The defensive coach requests two (2) time outs to speak to his pitcher in the same innings. RULING: The defensive coach should be ejected. He make only have one conference per innings | F | R5 sec 8b |
| 75 | The act of s fielder making a "fake tag" must cause the runner to slide before obstruction can be called | F | R1 sec 25 |
| 76 | It is a charged conference when the player coach comes in from 2 nd base to speak to the pitcher | F | R1 sec 13b |

| 77 | On an appeal play and once the ball is dead, the pitcher may stand within the 2.4m (8') circle with possession of the ball and merely announce which runner is being appealed, and where. If he is correct, the appropriate runner shall be declared out | Т | R8 sec 9 Effect Note b |
|----|---|---|---------------------------|
| 78 | A legally batted ball that hits the pitchers plate, then goes directly into foul territory after passing a fielder standing in front of 1^{st} or 3^{rd} base, is a fair ball | F | R1 sec 29a |
| 79 | When a representative from the dugout enters the pitcher's circle and removes the pitcher from the pitching position, it is not considered a charged defensive conference. | F | R1 sec 13 b |
| 80 | F6 runs onto the field to play short stop while wearing a batting helmet. When questioned by the umpire, F6 states he is required to wear the helmet for medical reasons. RULING : The umpire should not allow F6 to wear the helmet whilst fielding | F | R3 sec 6f |

CHECK YOUR ANSWERS, FAX ONLY THE ANSWER SHEET TO 03-385 7634

OR POST TO ARRIVE NO LATER THAN MONDAY OCTOBER 24th to P O BOX 35076 SHIRLEY CHRISTCHURCH

I AM AN - UMPIRE / SCORER / COACH / PLAYER / OTHER (delete not applicable)

| NAME | ASSN: |
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| | |
| ADDRESS: | |
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| 1 | EMA | AIL: | | | | | | | | | РΗ: | | | | |
|--|-----|------|------------|-----|---|--------------|-----|---|------------|-----|-----|-------------|-----|---|---------------------------|
| Note 2 | 1 | т | R6 sec 4h | 17 | т | DE71- 2 | 22 | Е | D4 1- 2 | 16 | Б | DO 2 | 50 | т | R1 sec 23e |
| 2 | | | | | | | | | | | | | | | R5 sec 3e |
| Note | 2 | F | 2 | 18 | F | | 33 | F | | 47 | Т | Note b | 60 | T | |
| ## P 2 | 3 | T | | 19 | F | R1 sec 23c | 34 | T | R1 sec 29d | 48A | F | | 61 | F | |
| 4B F 2 Effect 2 | 4A | F | | 20 | T | | 35A | Т | R7 sec 6 | 48B | T | | 62 | T | R4 sec 5g |
| 4C F R7 sec 6 22 T R7 sec 2-d Effect 2a Effect 2a 35C F R7 sec 6b Note 49 F R8 sec 7b 3 63B F R7 sec ption 5 T R9 sec 2u 23 T R1 sec 13 36 F R4 sec 5a 50A T R1 sec 81 64 T R1 sec 29 6 T R5 sec7b 2 24A T R7 sec 2c-d Effect 2a Effect 2a 37A T R8 sec 7b Effect 3 50B F R7 sec 2c-d Effect 2a Effect 2a 65 T R1 sec 29 7 T R1 sec 29c 24B F R7 sec 2c Effect 1b Effect 2a 51 T R1 sec 2d Effect 2a 51 T R1 sec 2d Effect 2a 66 T R4 sec 5d 8 F R6 sec 8 Effect 2 25A T R4 sec 7 effect 2 38B T R7 sec 2d Effect 3a 52 F R1 sec 1 67 F R4 sec 7 effect 2 38B T R7 sec 2d Effect 2b 53 T R1 sec 1 | 4B | F | | 21 | Т | | 35B | T | | 48C | Т | | 63A | T | R1 sec 47 |
| 5 T R9 sec 2u 23 T R1 sec 13 36 F R4 sec 5a 50A T R1 sec 81 64 T R1 sec 23 6 T R5 sec7b 2 24A T R7 sec 2cd Effect 3 and Effect 2 and Effect 3 a | 4C | F | | 22 | Т | R7 sec 2c-d | 35C | F | | 49 | F | R8 sec 7b 3 | 63B | F | R7 sec 6f Exception 1 |
| 6 1 RS sec/B 2 24A 1 Effect 2a 37A 1 Effect 3 50B F Effect 2 05 1 7 T R1 sec 29c 24B F R7 sec 2b 37B F R8 sec 7b 51 T R1 sec 29c 66 T R4 sec 5d 8 F R6 sec 8 Effect 2 38A T R7 sec 2d 52 F R1 sec 1 67 F R7 sec 4b 9 Y R5 sec 8 25B F R4 sec 7 38B T R7 sec 2d 53 T R1 sec 9 68 T R1 sec 79 Note Note 1 R1 sec 79 R1 | 5 | T | R9 sec 2u | 23 | T | R1 sec 13 | 36 | F | R4 sec 5a | 50A | T | R1 sec 81 | 64 | T | R1 sec 23c |
| T R1 sec 29c 24B F Effect 1b 37B F Effect 3a R F R6 sec 8c Effect 2 25A T R4 sec 7 effect 2 38A T R7 sec 2b Effect 2a 52 F R1 sec 1 67 F R7 sec 4b R F R6 sec 8 R6 sec 8 R6 Sec 8 R6 Sec 1 25C F R4 sec 7 effect 2 38B T R7 sec 2b Effect 2a 52 F R1 sec 1 67 F R7 sec 4b R R7 sec 4b Effect 2 | 6 | T | R5 sec7b 2 | 24A | Т | | 37A | T | | 50B | F | | 65 | T | R1 sec 29f |
| 8 F R6 sec 8 Effect 2 Effect 2 25A T R4 sec 7 effect 2 effect 2 38A T R7 sec 2d Effect 2d S3 T R1 sec 1 67 F R7 sec 4b R7 sec 4d Effect 2d Effect 2d S3 T R1 sec 1 67 F R7 sec 4b R1 sec 2d Effect 2d S3 T R1 sec 2 S R2 sec 3 S R4 sec 3 T R1 sec 7 R2 sec 3 S R4 sec 3 R2 sec 70 sec 6a sec 7 R3 sec 70 sec 6a sec 6a sec 7 R4 sec 3 R4 sec 3 R4 sec 5 R4 sec 3 R4 sec 5 R4 sec 3 R4 sec 4 R4 sec 3 R4 sec 4 R4 sec 3 R4 sec 4 R4 sec 4 R4 sec 4 R4 se | 7 | Т | R1 sec 29c | 24B | F | R7 sec 2c | 37B | F | R8 sec 7b | 51 | Т | R1 sec 29 | 66 | T | R4 sec 5d |
| 9 Y R5 sec 8 Note 1 25B F R4 sec 7 effect 2 effect 2 effect 2 38B T R7 sec 2d effect 2b 53 T R1 sec 9 68 T R1 sec 22 Note 10 F R9 sec 1h 25C F R4 sec 7 effect 3 39 F R2 sec 3 54A T R7 sec 6a effect 69A T R8 sec 7e effect 11 F R8 sec 2i effect 26 T R6 sec 8 note 40 T R1 sec 23d 54B F R7 sec 6a effect 69B T R1 sec 59 12 F R4 sec 3b 27 T R8 sec 7c Note 41 F R5 sec 7a 54C F R7 sec 6a effect 69B T R1 sec 3c 13 F R2 sec 1a 28A T R6 sec 3 effect 4 effect 42 F R2 sec 4g 55 F R8 sec 5e 71 T R1 sec 23 14 Y R4 sec 1d 2 28B F R6 sec 3 effect 4 43 | 8 | F | | 25A | Т | R4 sec 7 | 38A | T | R7 sec 2d | 52 | F | | 67 | F | R7 sec 4b |
| 10 F R9 sec 1h 25C F R4 sec 7 effect 3 effect 3 39 F R2 sec 3 54A T R7 sec 6a 69A T R8 sec 7g effect 2 effect 11 F R8 sec 2i effect 26 T R6 sec 8 note 40 T R1 sec 23d 54B F R7 sec 6a effect 69B T R1 sec 59 12 F R4 sec 3b 27 T R8 sec 7c Note 41 F R5 sec 7a 54C F R7 sec 6a effect 69B T R1 sec 59 13 F R4 sec 3b 27 T R8 sec 7c Note 41 F R5 sec 7a 54C F R7 sec 6a effect 70 F R1 sec 3c 13 F R2 sec 1a 28A T R6 sec 3 effect 4 42 F R2 sec 4g 55 F R8 sec 5e 71 T R1 sec 23 15 T R8 sec 7b effect 3 28C T R6 sec 3 effect 4 44 T < | 9 | Y | R5 sec 8 | 25B | F | R4 sec 7 | 38B | Т | R7 sec 2d | 53 | Т | R1 sec 9 | 68 | Т | R1 sec 22 Note |
| 11 F effect 26 1 note 40 1 R1 sec 23d 54B F Effect 69B 1 12 F R4 sec 3b 27 T R8 sec 7c 41 F R5 sec 7a 54C F R7 sec 6a 70 F R1 sec 3c 13 F R2 sec 1a 28A T R6 sec 3 Effect 4 42 F R2 sec 4g 55 F R8 sec 5e 71 T R1 sec 23 14 Y R4 sec1d 2 28B F R6 sec 3 Effect 4 43 T R2 sec 4d 56 T R8 sec 5e Effect 1b 72 F R6 sec 6d 15 T R8 sec 7b Effect 3 28C T R6 sec 3 Effect 4 44 T R5 sec 7b 2 57 T R8 sec 10k 73 F R6 sec 3k 16 N R3 sec 6f note 2 effect 29 T R3 sec 1n 45 F R1 sec 29a 58 | 10 | F | | 25C | F | R4 sec 7 | 39 | F | | 54A | Т | R7 sec 6a | 69A | T | R8 sec 7g |
| 12 F R4 sec 3b 27 I Note 41 F R5 sec 7a 54C F Effect 70 F R1 sec 3c 13 F R2 sec 1a 28A T R6 sec 3 Effect 4 42 F R2 sec 4g 55 F R8 sec 5e 71 T R1 sec 23 14 Y R4 sec1d 2 28B F R6 sec 3 Effect 4 43 T R2 sec 4d 56 T R8 sec 9 Effect 1b 72 F R6 sec 6d 15 T R8 sec 7b Effect 3 28C T R6 sec 3 Effect 4 T R5 sec 7b 57 T R8 sec 10k 73 F R6 sec 3k 16 N R3 sec 6f note 2 effect 29 T R3 sec 1n 45 F R1 sec 29a 58 F R4 sec 8e 74 F R5 sec 8b 17 R1 sec 25 T R8 sec 7b T R8 sec 10k 75 F R1 sec 25 18 R3 sec 6f Note 2 effect 70 T R6 sec 1d N R7 R7 R8 sec 9 Sec 8b N R7 R7 R8 sec 9 S | 11 | F | | 26 | Т | | 40 | T | R1 sec 23d | 54B | F | | 69B | T | R1 sec 59 |
| 13 F R2 sec 1a 28A 1 Effect 4 42 F R2 sec 4g 55 F 71 I R1 sec 23 14 Y R4 sec1d 2 28B F R6 sec 3 Effect 4 43 T R2 sec 4d 56 T R8 sec 9 Effect 1b 72 F R6 sec 6d 15 T R8 sec 7b Effect 3 28C T R6 sec 3 Effect 4 T R5 sec 7b 2 T R8 sec 10k 73 F R6 sec 3k 16 N R3 sec 6f note 2 effect 29 T R3 sec 1n 45 F R1 sec 29a 58 F R4 sec 8e 74 F R5 sec 8b 30 T R10 sec 1 l3 75 F R1 sec 25 31 T R6 sec 1d 76 F R1 sec 13 77 T R8 sec 9 Effect note 78 F R1 sec 29a 78 F R1 sec 13 | 12 | F | R4 sec 3b | 27 | Т | | 41 | F | R5 sec 7a | 54C | F | | 70 | F | R1 sec 3c |
| 14 Y R4 sec1d 2 28B F Effect 4 43 T R2 sec 4d 56 T Effect 1b 72 F R6 sec 6d 15 T R8 sec 7b Effect 3 28C T R6 sec 3 mode 2 sec 4d 44 T R5 sec 7b 2 57 T R8 sec 10k 73 F R6 sec 3k 16 N R3 sec 6f note 2 effect 29 T R3 sec 1n 45 F R1 sec 29a 58 F R4 sec 8e 74 F R5 sec 8b 30 T R10 sec 1 l3 T R6 sec 1d 75 F R1 sec 25 31 T R6 sec 1d 76 F R1 sec 13 mode 2 78 F R1 sec 29 79 F R1 sec 13 mode 2 | 13 | F | R2 sec 1a | 28A | Т | | 42 | F | R2 sec 4g | 55 | F | R8 sec 5e | 71 | Т | R1 sec 23a |
| 15 T R8 sec 7b Effect 3 28C T R6 sec 3 Effect 4 44 T R5 sec 7b 2 57 T R8 sec 10k 73 F R6 sec 3k 16 N R3 sec 6f note 2 effect 29 T R3 sec 1n 45 F R1 sec 29a 58 F R4 sec 8e 74 F R5 sec 8b 30 T R10 sec 1 l3 T R6 sec 1d T 75 F R1 sec 25 31 T R6 sec 1d T R8 sec 9 77 T R8 sec 9 effect note 8 F R1 sec 13 R1 sec 29 R1 sec 29 R2 sec 6f R3 sec 6f | 14 | Y | R4 sec1d 2 | 28B | F | | 43 | Т | R2 sec 4d | 56 | T | | 72 | F | R6 sec 6d |
| 16 N R3 sec 6f note 2 effect 29 T R3 sec 1n 45 F R1 sec 29a 58 F R4 sec 8e 74 F R5 sec 8b 30 T R10 sec 1 l3 T R6 sec 1d T6 F R1 sec 13 b 77 T R8 sec 9 effect note 88 sec 9 R1 sec 29 78 F R1 sec 13 79 F R1 sec 13 R3 sec 6f | 15 | T | | 28C | Т | R6 sec 3 | 44 | Т | | 57 | T | | 73 | F | R6 sec 3k |
| 30 T R10 sec 1 l3 75 F R1 sec 25 31 T R6 sec 1d 76 F R1 sec 13 b 77 T R8 sec 9 effect note 78 F R1 sec 13 79 F R1 sec 13 | 16 | N | | 29 | Т | | 45 | F | R1 sec 29a | 58 | F | R4 sec 8e | 74 | F | R5 sec 8b |
| 31 1 R6 sec 1d 76 F b | | | | 30 | T | R10 sec 1 l3 | | | | | | | 75 | F | R1 sec 25 |
| 77 T R8 sec 9 effect note 78 F R1 sec 29 79 F R1 sec 13 | | | | 31 | Т | R6 sec 1d | | | | | | | 76 | F | R1 sec 13 b |
| 78 F R1 sec 29 79 F R1 sec 13 | | | | | | | | | | | | | 77 | Т | R8 sec 9 effect note b |
| 79 F | | | | | | | | | | | | | 78 | F | R1 sec 29a |
| 80 F R3 sec 6f | | | | | | | | | | | | | 79 | F | R1 sec 13b |
| | | | | | | | | | | | | | 80 | F | R3 sec 6f |