=== Run information ===

Scheme: weka.classifiers.misc.InputMappedClassifier -I -trim -W weka.classifiers.trees.J48 -- -C 0.25 -M 2

Relation: monks-1_train-weka.filters.unsupervised.attribute.Remove-R8

Instances: 124

Attributes: 7

        class

        a1

        a2

        a3

        a4

        a5

        a6

Test mode: user supplied test set: size unknown (reading incrementally)

=== Classifier model (full training set) ===

InputMappedClassifier:

J48 pruned tree

----

a5 = 3

| a6 = 1: 0 (13.0/3.0)

| a6 = 2

| | a3 = 1: 1 (7.0/2.0)

| | a3 = 2: 0 (10.0/3.0)

a5 = 2: 0 (31.0/11.0)

a5 = 4

| a1 = 1: 0 (14.0/1.0)

| a1 = 2

| | a2 = 1: 0 (6.0)

| | a2 = 2: 1 (4.0)

| | a2 = 3: 0 (1.0)

| a1 = 3

| | a2 = 1: 1 (0.0)

| | a2 = 2: 0 (3.0)

| | a2 = 3: 1 (6.0)

a5 = 1: 1 (29.0)

Number of Leaves :   12

Size of the tree :   18

Attribute mappings:

Model attributes   Incoming attributes

-----------------   ----------------

(nominal) class --> 1 (nominal) class

(nominal) a1   --> 2 (nominal) a1

(nominal) a2   --> 3 (nominal) a2

(nominal) a3   --> 4 (nominal) a3

(nominal) a4   --> 5 (nominal) a4

(nominal) a5   --> 6 (nominal) a5

(nominal) a6   --> 7 (nominal) a6

Time taken to build model: 0.05 seconds

=== Evaluation on test set ===

Time taken to test model on supplied test set: 0.03 seconds

=== Summary ===

Correctly Classified Instances   64   64   %

Incorrectly Classified Instances   36   36   %

Kappa statistic   0.3373

Mean absolute error   0.3671

Root mean squared error   0.4955

Relative absolute error   73.4194 %

Root relative squared error   99.098 %

Total Number of Instances   100

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.468	0.079	0.906	0.468	0.617	0.405	0.702	0.817	1
	0.921	0.532	0.515	0.921	0.660	0.405	0.702	0.506	0
Weighted Avg.	0.640	0.251	0.757	0.640	0.633	0.405	0.702	0.699	

=== Confusion Matrix ===

 a b   <-- classified as

29 33 | a = 1

 3 35 | b = 0