```
import tensorflow as tf
from tensorflow.keras.datasets import imdb
from tensorflow.keras.preprocessing.sequence import pad_sequences
from sklearn.neighbors import KNeighborsClassifier
from sklearn.metrics import accuracy_score

# Load the IMDB dataset
(X_train, y_train), (X_test, y_test) = imdb.load_data(num_words=10000)

# Preprocess the data: pad sequences to ensure uniform length
X_train = pad_sequences(X_train, maxlen=200)
X_test = pad_sequences(X_test, maxlen=200)

# Convert the sequences to TF-IDF features
from sklearn.feature_extraction.text import TfidfTransformer
tfidf_transformer = TfidfTransformer()

X_train_tfidf = tfidf_transformer.fit_transform(X_train)
X_test_tfidf = tfidf_transformer.transform(X_test)

# Initialize and train the KNN classifier
knn = KNeighborsClassifier(n_neighbors=5)
knn.fit(X_train_tfidf, y_train)

# Make predictions
y_pred = knn.predict(X_test_tfidf)

# Evaluate the model
accuracy = accuracy_score(y_test, y_pred)
print(f'Accuracy: {accuracy}')
```