NAME: Mbaka Emmanuella Soluchi.

MATRIC NUMBER: 17/SMS02/032.

ACCOUNTING RATIOS (2018) OF;

OMATEK VENTURES PLC

PORTLAND AND PAINTS

OANDO PLC

MOBIL OIL NIG PLC

CAPITAL HOTELS PLC

NIGERIAN BREWRIES PLC

ABC TRANSPORTS PLC

MTN

BETA GLASS PLC

ECO BANK

ASSIGNMENT

An analysis of the ratio formula of the company's financial statements previously submitted;

S/N RATIOS FORMULA

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

   A. CURRENT RATIOS

      =CURRENT ASSETS

CURRENT LIABILITIES

B. QUICK ASSET

=<u>CURRENT ASSETS –INVENTORY</u>

CURRENT LIABILITIES

C. RECEIVABLES COLLECTION PERIOD

=<u>TRADE RECEIVEABLES*365 DAYS</u>

CREDIT SALES

D. PAYABLE PAYMENT PERIOD

= <u>TRADE PAYABLES*365DAYS</u>

CREDIT PURCHASES

E. INVENTORY TURNOVER PERIOD

= <u>AVERAGE INVENTORY*365DAYS</u>

COST OF SALES

F. RECEIVEABLES TURNOVER

= <u>CREDIT SALES</u>

RECEIVEABLES

G. PAYABLES TURNOVER

= <u>CREDIT PURCHASES</u>

PAYABLES

H. INVENTORY TURNOVER

= <u>COST OF SALES</u>

AVERAGE INVENTORY

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=<u>PROIFIT AFRET TAX</u>

EQUITY (SHAREHOLDERS FUND)

B. GROSS PROFIT MARGIN

= GROSS PROFIT*100%

SALES

C. NET PROFIT MARGIN

= NET PROFIT*100

SALES

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= MARKET PRICE PER SHARE

EARNINGS PER SHARE

C. EARNINGS YEILD

= EPS

MPS

D. NET ASSETS PER SHARE

=NET ASSETS- PREFERENCE SHARES

NO OF ORDINARY SHARE IN ISSUE

E. DIVIDEND PER SHARE

=GROSS DIVIDEND

NO OF ORDINARY SHARES

F. DIVIDEND PAYOUT RATIO

= DIVIDEND PER SHARE*100

EARNINGS PER SHARE

G. DIVIDEND YEILD

= DPS*100

MPS

H. DIVIDEND COVER

= PROFIT AFTER TAX- PREFERENCE DIVIDEND

GROSS DIVIDEND

4. LONG TERM SOLVENCY AND STABILITY RATIO

   A. GEARING RATIO

   =DEBT

   TOTAL CAPITAL

   B. TOTAL DEBT TO SHAREHOLDERS FUND

   = NON CURRENT LIABILITIES + CURRENT LIABILITIES

   EQUITY

a. OMATEK VENTURES PLC (2018)

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

   A. CURRENT RATIOS

   =CURRENT ASSETS

   CURRENT LIABILITIES

   = 3,487

   4,425 =0.7880

   B. QUICK ASSET

   =CURRENT ASSETS –INVENTORY

   CURRENT LIABILITIES

   = 3,487-0

   4,425 =0.7880

C. RECEIVABLES COLLECTION PERIOD

=TRADE RECEIVEABLES*365 DAYS

CREDIT SALES

= 3,487*365

80,000 =

D. PAYABLE PAYMENT PERIOD

= TRADE PAYABLES*365DAYS

CREDIT PURCHASES

=4,357*365

0 =

E. INVENTORY TURNOVER PERIOD

= AVERAGE INVENTORY*365DAYS

COST OF SALES

=0*365

0 =

F. RECEIVEABLES TURNOVER

= CREDIT SALES

RECEIVEABLES

= 80,000

3,487 =

G. PAYABLES TURNOVER

= CREDIT PURCHASES

PAYABLES

= 0

4,357 =

H. INVENTORY TURNOVER

= COST OF SALES

AVERAGE INVENTORY

= 0

0 =0

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=PROIFIT AFRET TAX

EQUITY (SHAREHOLDERS FUND)

= 1,045

3,046 = 0.3431

B. GROSS PROFIT MARGIN

= GROSS PROFIT*100%

SALES

=80*100%

80,000 =0.1

C. NET PROFIT MARGIN

= NET PROFIT*100

SALES

= 1,042*100

80,000 =1.3025

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= MARKET PRICE PER SHARE

EARNINGS PER SHARE

= 0.39

0.39 =1

C. EARNINGS YEILD

= EPS

MPS

= <u>0.39</u>

0.39 =1

D. NET ASSETS PER SHARE

=<u>NET ASSETS- PREFERENCE SHARES</u>

NO OF ORDINARY SHARE IN ISSUE

<u>= 5,288-0</u>

1,471 =3.5949

E. DIVIDEND PER SHARE

=<u>GROSS DIVIDEND</u>

NO OF ORDINARY SHARES

=<u>0</u>

1,471 =

F. DIVIDEND PAYOUT RATIO

= <u>DIVIDEND PER SHARE*100</u>

EARNINGS PER SHARE

<u>= 0*100</u>

0.39 =0,39

G. DIVIDEND YEILD

<u>= DPS</u>*100

MPS

=<u>0*100</u>

0.39 =0.39

H. DIVIDEND COVER

= <u>PROFIT AFTER TAX- PREFERENCE DIVIDEND</u>

GROSS DIVIDEND

= <u>1,045-0</u>

0 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=<u>DEBT</u>

TOTAL CAPITAL

= <u>1,801</u>

5,288 =

B. TOTAL DEBT TO SHAREHOLDERS FUND

= <u>NON CURRENT LIABILITIES + CURRENT LIABILITIES</u>

EQUITY

=<u>1,801+4,425</u>

3,046 =10802.5

b. <u>PORTLAND AND PAINTS (2018)</u>

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

=<u>CURRENT ASSETS</u>

CURRENT LIABILITIES

=<u>1,718,570</u>

700,439 =2.45356127

B. QUICK ASSET

=<u>CURRENT ASSETS –INVENTORY</u>

CURRENT LIABILITIES

<u>= 1,718,570-728,047</u>

700,439 =

C. RECEIVABLES COLLECTION PERIOD

=<u>TRADE RECEIVEABLES*365 DAYS</u>

CREDIT SALES

=<u>476,180*365</u>

2,829,262 =

D. PAYABLE PAYMENT PERIOD

= <u>TRADE PAYABLES*365DAYS</u>

CREDIT PURCHASES

=<u>501,988*365</u>

1,753,972 =

E. INVENTORY TURNOVER PERIOD

= <u>AVERAGE INVENTORY*365DAYS</u>

COST OF SALES

=<u>728,047*365</u>

1,753,972 =

F. RECEIVEABLES TURNOVER

= <u>CREDIT SALES</u>

RECEIVEABLES

= <u>2,829,262</u>

476,180 =

G. PAYABLES TURNOVER

= <u>CREDIT PURCHASES</u>

PAYABLES

= <u>1,753,972</u>

501,988 =

H. INVENTORY TURNOVER

= <u>COST OF SALES</u>

AVERAGE INVENTORY

= 1,753,972

728,047 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=PROIFIT AFRET TAX

EQUITY (SHAREHOLDERS FUND)

=100,840

1,536,981 =

B. GROSS PROFIT MARGIN

= GROSS PROFIT*100%

SALES

= 1,075,290*100%

2,829,262 =

C. NET PROFIT MARGIN

= NET PROFIT*100

SALES

= 306,635*100

2,829,262 =

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= MARKET PRICE PER SHARE

EARNINGS PER SHARE

= 26

26 =0

C. EARNINGS YEILD

= EPS

MPS

= 26

26 =0

D. NET ASSETS PER SHARE

=NET ASSETS- PREFERENCE SHARES

NO OF ORDINARY SHARE IN ISSUE

= 2,251,468-0

396,708 =

E. DIVIDEND PER SHARE

=GROSS DIVIDEND

NO OF ORDINARY SHARES

= 0

396,708 =

F. DIVIDEND PAYOUT RATIO

= DIVIDEND PER SHARE*100

EARNINGS PER SHARE

= 0*100

26 =

G. DIVIDEND YEILD

= DPS*100

MPS

= 0*100

26 =

H. DIVIDEND COVER

= PROFIT AFTER TAX- PREFERENCE DIVIDEND

GROSS DIVIDEND

= 206,693-0

0 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=DEBT

TOTAL CAPITAL

= 0

B. TOTAL DEBT TO SHAREHOLDERS FUND

= NON CURRENT LIABILITIES + CURRENT LIABILITIES

EQUITY

=14,048+700,439

1,536,981 =

c. OANDO PLC (2018)

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

=CURRENT ASSETS

CURRENT LIABILITIES

= 164,402,215

227,409,609 =

B. QUICK ASSET

=CURRENT ASSETS –INVENTORY

CURRENT LIABILITIES

=164,402,215-26,514,991

227,409,609 =

C. RECEIVABLES COLLECTION PERIOD

=TRADE RECEIVEABLES*365 DAYS

CREDIT SALES

= 135,177,498*365

488,518,106 =

D. PAYABLE PAYMENT PERIOD

= TRADE PAYABLES*365DAYS

CREDIT PURCHASES

= 184,967,900*365

488,938,074 =

E. INVENTORY TURNOVER PERIOD

= AVERAGE INVENTORY*365DAYS

COST OF SALES

= 26,514,991*365

488,938,074 =

F. RECEIVEABLES TURNOVER

= CREDIT SALES

RECEIVEABLES

= 488,518,106

135,177,498 =

G. PAYABLES TURNOVER

= CREDIT PURCHASES

PAYABLES

= <u>488,938,074</u>

184,967,900 =

H. INVENTORY TURNOVER

= <u>COST OF SALES</u>

AVERAGE INVENTORY

= <u>488,938,074</u>

26,514,991 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=<u>PROIFIT AFTER TAX</u>

EQUITY (SHAREHOLDERS FUND)

=<u>18,321,877</u>

60,899,568 =

B. GROSS PROFIT MARGIN

= <u>GROSS PROFIT</u>*100%

SALES

= <u>419,914*100</u>

488,518,160 =

C. NET PROFIT MARGIN

= <u>NET PROFIT</u>*100

SALES

=<u>1,932,315*100</u>

488,518,160 =

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= <u>MARKET PRICE PER SHARE</u>

EARNINGS PER SHARE

=197

197 =0

C. EARNINGS YEILD

= EPS

MPS

=0

D. NET ASSETS PER SHARE

=NET ASSETS- PREFERENCE SHARES

NO OF ORDINARY SHARE IN ISSUE

=1,075,110,435-0

6,215,706 =

E. DIVIDEND PER SHARE

=GROSS DIVIDEND

NO OF ORDINARY SHARES

=0

6,215,706 =

F. DIVIDEND PAYOUT RATIO

= DIVIDEND PER SHARE*100

EARNINGS PER SHARE

=0*100

197 =

G. DIVIDEND YEILD

= DPS*100

MPS

= 0*100

197 =

H. DIVIDEND COVER

= <u>PROFIT AFTER TAX- PREFERENCE DIVIDEND</u>

GROSS DIVIDEND

=<u>18,321,877-0</u>

0 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=<u>DEBT</u>

TOTAL CAPITAL

=0

B. TOTAL DEBT TO SHAREHOLDERS FUND

= <u>NON CURRENT LIABILITIES + CURRENT LIABILITIES</u>

EQUITY

= <u>348,228,307+448,602,832</u>

277,116,711 =

d. CAPITAL HOTELS PLC (2018)

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

=<u>CURRENT ASSETS</u>

CURRENT LIABILITIES

=<u>5,698,295</u>

2,630,478 =

B. QUICK ASSET

=<u>CURRENT ASSETS –INVENTORY</u>

CURRENT LIABILITIES

= 5,698,295-141,990

2,630,478 =

C. RECEIVABLES COLLECTION PERIOD

=TRADE RECEIVEABLES*365 DAYS

CREDIT SALES

= 1,620,077*365

5,977,436 =

D. PAYABLE PAYMENT PERIOD

= TRADE PAYABLES*365DAYS

CREDIT PURCHASES

= 2,378,096*365

4,869,732 =

E. INVENTORY TURNOVER PERIOD

= AVERAGE INVENTORY*365DAYS

COST OF SALES

= 141,990*365

4,869,732 =

F. RECEIVEABLES TURNOVER

= CREDIT SALES

RECEIVEABLES

=5,977,436

1,620,077 =

G. PAYABLES TURNOVER

= CREDIT PURCHASES

PAYABLES

=4,869,732

2,378,096 =

H. INVENTORY TURNOVER

= COST OF SALES

AVERAGE INVENTORY

= 4,869,732

141,990 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=PROIFIT AFRET TAX

EQUITY (SHAREHOLDERS FUND)

= 379,946

6,416,983 =

B. GROSS PROFIT MARGIN

= GROSS PROFIT*100%

SALES

= 1,107,704*100%

5,977,436 =

C. NET PROFIT MARGIN

= NET PROFIT*100

SALES

= 437,010*100

5,977,436 =

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= MARKET PRICE PER SHARE

EARNINGS PER SHARE

= 0.25

0.25 =0

C. EARNINGS YEILD

= EPS

MPS

= 0.25

0.25 =0

D. NET ASSETS PER SHARE

=NET ASSETS- PREFERENCE SHARES

NO OF ORDINARY SHARE IN ISSUE

= 10,076,819-0

0 =

E. DIVIDEND PER SHARE

=GROSS DIVIDEND

NO OF ORDINARY SHARES

= 0

0 =

F. DIVIDEND PAYOUT RATIO

= DIVIDEND PER SHARE*100

EARNINGS PER SHARE

= 0*100

0.25 =

G. DIVIDEND YEILD

= DPS*100

MPS

= 0*100

0.25 =

H. DIVIDEND COVER

= PROFIT AFTER TAX- PREFERENCE DIVIDEND

GROSS DIVIDEND

= 379,946-0

0 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=DEBT

TOTAL CAPITAL

=0

B. TOTAL DEBT TO SHAREHOLDERS FUND

= NON CURRENT LIABILITIES + CURRENT LIABILITIES

EQUITY

= 4,378,524+2,630,478

6,416,983 =

e. NIGERIAN BREWERIES PLC (2017)

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

=CURRENT ASSETS

CURRENT LIABILITIES

= 87,491,662

156,698,905 =0.558

B. QUICK ASSET

=CURRENT ASSETS –INVENTORY

CURRENT LIABILITIES

= 87,491,662-42,728,862 =44,762,800

156,698,905 156,698,905 =0.2857

C. RECEIVABLES COLLECTION PERIOD

$$=\frac{\text{TRADE RECEIVEABLES*365 DAYS}}{\text{CREDIT SALES}}$$

$$=\frac{20,384,112*365}{344,562,517} \qquad =\frac{7,440,200,880}{344,562,517} \qquad =21.5931$$

D. PAYABLE PAYMENT PERIOD

$$= \frac{\text{TRADE PAYABLES*365DAYS}}{\text{CREDIT PURCHASES}}$$

$$= \frac{128,646,043*365}{201,013,357} \qquad =$$

E. INVENTORY TURNOVER PERIOD

$$= \frac{\text{AVERAGE INVENTORY*365DAYS}}{\text{COST OF SALES}}$$

$$= \frac{42,728,862*365}{201,013,357} \qquad =$$

F. RECEIVEABLES TURNOVER

$$= \frac{\text{CREDIT SALES}}{\text{RECEIVEABLES}}$$

$$=\frac{344,562,517}{551,862} \qquad =$$

G. PAYABLES TURNOVER

$$= \frac{\text{CREDIT PURCHASES}}{\text{PAYABLES}}$$

$$=\frac{201,013,357}{128,646,043} \qquad =$$

H. INVENTORY TURNOVER

$$= \frac{\text{COST OF SALES}}{\text{AVERAGE INVENTORY}}$$

=<u>201,013,357</u>

42,728,862 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=<u>PROIFIT AFTER TAX</u>

EQUITY (SHAREHOLDERS FUND)

= <u>33,009,292</u>

178,150,934 =

B. GROSS PROFIT MARGIN

= <u>GROSS PROFIT</u>*100%

SALES

= <u>143,549,160*100%</u>

344,562,517

C. NET PROFIT MARGIN

= <u>NET PROFIT</u>*100

SALES

= <u>10,553,997*100</u>

344,562,517

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= <u>MARKET PRICE PER SHARE</u>

EARNINGS PER SHARE

= <u>414</u>

413 =1.0024

C. EARNINGS YEILD

= <u>EPS</u>

MPS

=<u>413</u>

414 =0.9976

D. NET ASSETS PER SHARE

=<u>NET ASSETS- PREFERENCE SHARES</u>

NO OF ORDINARY SHARE IN ISSUE

= <u>382,726,540-0</u>

8,854,143 =

E. DIVIDEND PER SHARE

=<u>GROSS DIVIDEND</u>

NO OF ORDINARY SHARES

= <u>28,453,982</u>

8,854,143 =

F. DIVIDEND PAYOUT RATIO

= <u>DIVIDEND PER SHARE*100</u>

EARNINGS PER SHARE

= <u>0*100</u>

413 =

G. DIVIDEND YEILD

<u>= DPS</u>*100

MPS

=<u>0*100</u>

414 =

H. DIVIDEND COVER

= <u>PROFIT AFTER TAX- PREFERENCE DIVIDEND</u>

GROSS DIVIDEND

= <u>33,009,292-0</u>

28,453,982 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=<u>DEBT</u>

TOTAL CAPITAL

=0

B. TOTAL DEBT TO SHAREHOLDERS FUND

= <u>NON CURRENT LIABILITIES + CURRENT LIABILITIES</u>

EQUITY

= <u>295,234,878+156,698,905</u>

178,150,934 =

f. <u>ABC TRASPORT PLC (2018)</u>

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

= <u>CURRENT ASSETS</u>

CURRENT LIABILITIES

= <u>751,579</u>

1,392,283 =

B. QUICK ASSET

=<u>CURRENT ASSETS –INVENTORY</u>

CURRENT LIABILITIES

= <u>751,579-224,394</u>

1392,283, =

C. RECEIVABLES COLLECTION PERIOD

=<u>TRADE RECEIVEABLES*365 DAYS</u>

CREDIT SALES

=279,637*365

4,083,653 =

D. PAYABLE PAYMENT PERIOD

= TRADE PAYABLES*365DAYS

CREDIT PURCHASES

=678,920*365

3,314,542 =

E. INVENTORY TURNOVER PERIOD

= AVERAGE INVENTORY*365DAYS

COST OF SALES

= 224,394*365

3,314,542 =

F. RECEIVEABLES TURNOVER

= CREDIT SALES

RECEIVEABLES

=4,083,653

279,637 =

G. PAYABLES TURNOVER

= CREDIT PURCHASES

PAYABLES

=3,314,542

678,920 =

H. INVENTORY TURNOVER

= COST OF SALES

AVERAGE INVENTORY

=3,314,542

224,394 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=<u>PROIFIT AFTER TAX</u>

EQUITY (SHAREHOLDERS FUND)

=<u>175,523</u>

1,564,582 =

B. GROSS PROFIT MARGIN

= <u>GROSS PROFIT</u>*100%

SALES

=<u>769,112*100%</u>

4,083,653 =

C. NET PROFIT MARGIN

= <u>NET PROFIT</u>*100

SALES

=<u>175,523*100</u>

4,083,653 =

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= <u>MARKET PRICE PER SHARE</u>

EARNINGS PER SHARE

=<u>11</u>

11 =0

C. EARNINGS YEILD

= <u>EPS</u>

MPS

=11

11 =0

D. NET ASSETS PER SHARE

=NET ASSETS- PREFERENCE SHARES

NO OF ORDINARY SHARE IN ISSUE

=3,330,473-0

0 =

E. DIVIDEND PER SHARE

=GROSS DIVIDEND

NO OF ORDINARY SHARES

=0

0 =0

F. DIVIDEND PAYOUT RATIO

= DIVIDEND PER SHARE*100

EARNINGS PER SHARE

=0*100

11 =

G. DIVIDEND YEILD

= DPS*100

MPS

= 0*100

11 =

H. DIVIDEND COVER

= PROFIT AFTER TAX- PREFERENCE DIVIDEND

GROSS DIVIDEND

=32,453-0

0 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=<u>DEBT</u>

TOTAL CAPITAL

=0

B. TOTAL DEBT TO SHAREHOLDERS FUND

= <u>NON CURRENT LIABILITIES + CURRENT LIABILITIES</u>

EQUITY

= <u>380,075+2,249,247</u>

1,558,307 =

g. MTN (2018)

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

=<u>CURRENT ASSETS</u>

CURRENT LIABILITIES

=<u>58,038</u>

72,570 =

B. QUICK ASSET

=<u>CURRENT ASSETS –INVENTORY</u>

CURRENT LIABILITIES

= <u>58,038-2,995</u>

72,570 =

C. RECEIVABLES COLLECTION PERIOD

=<u>TRADE RECEIVEABLES*365 DAYS</u>

CREDIT SALES

= <u>26,669*365</u>

134,560 =

D. PAYABLE PAYMENT PERIOD

= TRADE PAYABLES*365DAYS

CREDIT PURCHASES

=48,354*365

23,576 =

E. INVENTORY TURNOVER PERIOD

= AVERAGE INVENTORY*365DAYS

COST OF SALES

= 2,995*365

23,576 =

F. RECEIVEABLES TURNOVER

= CREDIT SALES

RECEIVEABLES

= 134,560

26,669 =

G. PAYABLES TURNOVER

= CREDIT PURCHASES

PAYABLES

=23,576

48,354 =

H. INVENTORY TURNOVER

= COST OF SALES

AVERAGE INVENTORY

=23,576

2,995 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=<u>PROIFIT AFTER TAX</u>

EQUITY (SHAREHOLDERS FUND)

=<u>9,578</u>

88,226 =

B. GROSS PROFIT MARGIN

= <u>GROSS PROFIT</u>*100%

SALES

<u>= 0*100</u>

134,560 =

C. NET PROFIT MARGIN

= <u>NET PROFIT</u>*100

SALES

=<u>0*100</u>

134,560 =

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= <u>MARKET PRICE PER SHARE</u>

EARNINGS PER SHARE

=<u>478</u>

485 =0.9856

C. EARNINGS YEILD

= <u>EPS</u>

MPS

= <u>485</u>

478 =1.0146

D. NET ASSETS PER SHARE

=<u>NET ASSETS- PREFERENCE SHARES</u>

NO OF ORDINARY SHARE IN ISSUE

= <u>58,038-0</u>

1,884,269,758 =

E. DIVIDEND PER SHARE

=<u>GROSS DIVIDEND</u>

NO OF ORDINARY SHARES

= <u>0</u>

1,884,269,758 =

F. DIVIDEND PAYOUT RATIO

= <u>DIVIDEND PER SHARE*100</u>

EARNINGS PER SHARE

= <u>325*100</u>

485 =

G. DIVIDEND YEILD

<u>= DPS</u>*100

MPS

= <u>325*100</u>

478 =

H. DIVIDEND COVER

= <u>PROFIT AFTER TAX- PREFERENCE DIVIDEND</u>

GROSS DIVIDEND

=<u>9,578-0</u>

0 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=DEBT

TOTAL CAPITAL

=0

B. TOTAL DEBT TO SHAREHOLDERS FUND

= NON CURRENT LIABILITIES + CURRENT LIABILITIES

EQUITY

=83,811+72,570

88,226 =

h. BETA GLASS PLC (2018)

1. SHORT TERM SOLVENCY AND LIQUIDITY RATIOS

A. CURRENT RATIOS

=CURRENT ASSETS

CURRENT LIABILITIES

= 28,550,830

13,723,312 =

B. QUICK ASSET

=CURRENT ASSETS –INVENTORY

CURRENT LIABILITIES

= 28,550,830-6,239,740

13,723,312 =

C. RECEIVABLES COLLECTION PERIOD

=TRADE RECEIVEABLES*365 DAYS

CREDIT SALES

= 13,438,292*365

26,321,014 =

D. PAYABLE PAYMENT PERIOD

= TRADE PAYABLES*365DAYS

CREDIT PURCHASES

=<u>11,598,037*365</u>

19,940,375 =

E. INVENTORY TURNOVER PERIOD

= <u>AVERAGE INVENTORY*365DAYS</u>

COST OF SALES

= <u>6,239,740*365</u>

19,940,375 =

F. RECEIVEABLES TURNOVER

= <u>CREDIT SALES</u>

RECEIVEABLES

= <u>26,321,014</u>

13,438,292 =

G. PAYABLES TURNOVER

= <u>CREDIT PURCHASES</u>

PAYABLES

= <u>19,940,375</u>

11,598,037 =

H. INVENTORY TURNOVER

= <u>COST OF SALES</u>

AVERAGE INVENTORY

= <u>19,940,375</u>

6,239,740 =

2. EFFICIENCY /PROFITABILITY RATIO

A. RETURNS ON CAPITAL EMPLOYED

=<u>PROIFIT AFRET TAX</u>

EQUITY (SHAREHOLDERS FUND)

= 5,052,805

29,627,573 =

B. GROSS PROFIT MARGIN

= GROSS PROFIT*100%

SALES

= 6,380,639*100%

26,321,014 =

C. NET PROFIT MARGIN

= NET PROFIT*100

SALES

= 5,893,657*100

26,321,014 =

3. INVESTOR/SHAREHOLDERS RATIO

A. EARNINGS PER SHARE (given)

B. PRICE EARNING RATIO

= MARKET PRICE PER SHARE

EARNINGS PER SHARE

= 10.11

10.11 =0

C. EARNINGS YEILD

= EPS

MPS

= 10.11

10.11 =0

D. NET ASSETS PER SHARE

=NET ASSETS- PREFERENCE SHARES

NO OF ORDINARY SHARE IN ISSUE

= 46,079,629-0

249,986 =

E. DIVIDEND PER SHARE

=GROSS DIVIDEND

NO OF ORDINARY SHARES

= 62,554

249,986 =

F. DIVIDEND PAYOUT RATIO

= DIVIDEND PER SHARE*100

EARNINGS PER SHARE

= 1.07*100

10.11 =

G. DIVIDEND YEILD

= DPS*100

MPS

= 1.07*100

10.11 =

H. DIVIDEND COVER

= PROFIT AFTER TAX- PREFERENCE DIVIDEND

GROSS DIVIDEND

=5,052,805-0

62,554 =

4. LONG TERM SOLVENCY AND STABILITY RATIO

A. GEARING RATIO

=DEBT

TOTAL CAPITAL

= 13%

B. TOTAL DEBT TO SHAREHOLDERS FUND

= <u>NON CURRENT LIABILITIES + CURRENT LIABILITIES</u>

EQUITY

= <u>2,728,744+13,723,312</u>

29,627,573 =

<u>JULIUS BERGER</u>

SHORT TERM SOLVENCY /LIQUIDITY RATIOS

- Current Ratio= <u>Current Assets</u>

  Current Liabilities

  =<u>125,039,446</u>

  73,196,234

  = 1.71

  =>1

  <u>Interpretation:</u>

- Quick Assets ratio or Acid Test Ratio = <u>Current Assets-Inventory</u>

  Current Liabilities

  = <u>125,039,446- 11,304,296</u>

  73,196,234

  =1.55

  = >1

  <u>Interpretations:</u>

- Receivables Collection Period = <u>Average Trade Receivables</u> × 365 days

Credit Sales

= <u>91,108,522</u> × 365 days

170,326, 746

=195.2

=195days

<u>Interpretation :</u>

- Payables Payment Period = <u>Average Trade Payables</u> × 365 days

  Credit Purchases

  =<u>8,471,491</u> × 365 days

  132,254,711

  =23.4

  = 23 days

<u>Interpretation</u>:

- Inventory Turnover Period = <u>Average Trade Inventory</u> × 365 days

  Cost of Sales

  = <u>11,304,296</u> × 365 days

  132,254,711

  = 31.2

  =32 days

<u>Interpretation</u>

- Receivables Turnover = <u>Credit Sales</u> × 365 days

  Average Receivables

= $\frac{170,326,746}{91,108,522} \times 365$ days

=682.3

= 682 days

Interpretation:

- Payables Turnover = $\frac{\text{Credit Purchases}}{\text{Average Payables}} \times 365$ days

  = $\frac{132,254,711}{8,471,491} \times 365$ days

  =5698.2

  = 5698 days

  Interpretation:

- Inventory Turnover = $\frac{\text{Cost of Sales}}{\text{Average Inventory}} \times 365$ days

  = $\frac{132,254,711}{11,304,296} \times 365$ days

  = 4270.3

  =4270days

  Interpretation:

EFFICIENCY/PROFITABILITY RATIO

- Return on Capital Employed = $\frac{\text{Profit (Return)}}{\text{Capital Employed}}$

  = $\frac{6,630,667}{194,864,153}$

= 0.03

Capital Employed = Total Assets – Current Liabilities

=268,060,387 – 73,196,234

=194,864,153

- Gross Margin= $\frac{\text{Gross Profit}}{\text{Sales}} \times 100\%$

  $= \frac{38{,}072{,}035}{170{,}326{,}746} \times 100\%$

  = 22.3%

  Interpretation:

- Net Profit Margin = $\frac{\text{Net Profit}}{\text{Sales}} \times 100\%$

  $= \frac{4{,}641{,}627}{132{,}254{,}711} \times 100\%$

  = 3.51%

- Expenses Percentage= $\frac{\text{Individual Expenses}}{\text{Total Expenses}} \times 100\%$

  $= \frac{78{,}012}{20{,}834{,}381} \times 100\%$

  = 3.74

  =4%

- Expenses to Sales = $\frac{\text{Individual Expenses}}{\text{Sales}} \times 100\%$

  $= \frac{78{,}012}{170{,}326{,}746} \times 100\%$

=4.58

=5%

INVESTORS/SHAREHOLDERS RATIOS

- Earnings Per Share= $\frac{\text{Profit after Tax – Preference Dividend}}{\text{Number of Ordinary Shares}}$

$$= \frac{4,641,627 - 1,322,000}{1,320,000}$$

$$=2.51$$

- Price Earnings Ratios = $\frac{\text{Market Per Share}}{\text{Earnings Per Share}}$

$$= \frac{0.50}{2.51}$$

$$= 0.20$$

- Earnings Yield = $\frac{\text{Earnings Per Share}}{\text{Market Per Share}}$

$$= \frac{2.51}{0.50}$$

$$= 5.02$$

- Net Assets Per Share = $\frac{\text{Net Assets-Preference Share Capital}}{\text{No. of Ordinary Shares}}$

$$= \frac{16,710,922}{1,320,000}$$

$$= 12.66$$

Net Assets= (Total Fixed Assets + Total Current Assets) – (Total Current Liabilities + Total Long term Liabilities)

= 268,060,387 - 251,349,465 =16,710,922

=16,710,922

- Dividends Per Share = <u>Gross Dividends</u>

No. of Ordinary Shares

= 1,322,000

1,320,000

=1.00

- Dividend Payout Ratio = Dividend Per Share × 100%

  Earnings Per Share

  = 1.00

  2.51

  = 0.40

- Dividend Yield = Dividends Per Share

  Market Per Share

  = 1.00

  0.50

  = 2

- Dividend Cover = Profit after Tax – Preference Dividend

  Gross Dividend

  = 4,641,627- 1,322,000

  1,322,000

LONG TERM SOLVENCY / STABILITY RATIOS

- Gearing Ratio = Debt

  Total Capital

  = 194,864,153

  660,000

  =295.2

- Fixed Interest Cover = Profit before Interest & Tax

  Fixed Interest

  = 6,630,667

- Total Debt to Shareholders' Fund = $\frac{\text{Non Current Liabilities + Current Liabilities}}{\text{Equity}}$

$$=\frac{178,153,231 + 73,196,234}{16,710,922}$$

$$=\frac{251,349,465}{16,710,922}$$

$$=15.04$$

DANGOTE COMPANY

SHORT TERM SOLVENCY /LIQUIDITY RATIOS

₦'million

- Current Ratio= $\frac{\text{Current Assets}}{\text{Current Liabilities}}$

$$= \frac{441,026}{284,759}$$

$$=1.55$$

$$=>1$$

- Quick Assets ratio or Acid Test Ratio = $\frac{\text{Current Assets-Inventory}}{\text{Current Liabilities}}$

$$= \frac{441,026- 59,820}{284,759}$$

$$=1.34$$

- Receivables Collection Period = $\frac{\text{Average Trade Receivables}}{\text{Credit Sales}} \times 365$ days

$$= \frac{11,046}{618,301} \times 365 \text{ days}$$

= 6.52

= 7 days

- Payables Payment Period = $\frac{\text{Average Trade Payables}}{\text{Credit Purchases}} \times 365$ days

  = $\frac{92{,}879}{170{,}288} \times 365$ days

  = 199 days

- Inventory Turnover Period = $\frac{\text{Average Trade Inventory}}{\text{Cost of Sales}} \times 365$ days

  = $\frac{59{,}820}{170{,}288} \times 365$ days

  = 128 days

- Receivables Turnover = $\frac{\text{Credit Sales}}{\text{Average Receivables}} \times 365$ days

  =$\frac{618{,}301}{11{,}046} \times 365$ days

  =20431 days

- Payables Turnover = $\frac{\text{Credit Purchases}}{\text{Average Payables}} \times 365$ days

  = $\frac{170{,}288}{92{,}879} \times 365$ days

  = 669 days

- Inventory Turnover = $\frac{\text{Cost of Sales}}{\text{Average Inventory}} \times 365$ days

  = $\frac{170{,}288}{59{,}820} \times 365$ days

=1039 days

______________________________ 660,000

=295.2

- Fixed Interest Cover = <u>Profit before Interest & Tax</u>

  Fixed Interest

  = <u>6,630,667</u>

- Total Debt to Shareholders' Fund = <u>Non Current Liabilities + Current Liabilities</u>

  Equity

  =<u>178,153,231 +73,196,234</u>

  16,710,922

  =<u>251,349,465</u>

  16,710,922

  =15.04

<u>DANGOTE COMPANY</u>

SHORT TERM SOLVENCY /LIQUIDITY RATIOS

₦'million

- Current Ratio= <u>Current Assets</u>

  Current Liabilities

  = <u>441,026</u>

  284,759

  =1.55

  =>1

- Quick Assets ratio or Acid Test Ratio = <u>Current Assets-Inventory</u>

  Current Liabilities

  = <u>441,026- 59,820</u>

284,759

=1.34

- Receivables Collection Period = $\frac{\text{Average Trade Receivables}}{\text{Credit Sales}} \times 365$ days

  $= \frac{11,046}{618,301} \times 365$ days

  = 6.52

  = 7 days

- Payables Payment Period = $\frac{\text{Average Trade Payables}}{\text{Credit Purchases}} \times 365$ days

  $= \frac{92,879}{170,288} \times 365$ days

  = 199 days

- Inventory Turnover Period = $\frac{\text{Average Trade Inventory}}{\text{Cost of Sales}} \times 365$ days

  $= \frac{59,820}{170,288} \times 365$ days

  = 128 days

- Receivables Turnover = $\frac{\text{Credit Sales}}{\text{Average Receivables}} \times 365$ days

  $= \frac{618,301}{11,046} \times 365$ days

  =20431 days

- Payables Turnover = $\frac{\text{Credit Purchases}}{\text{Average Payables}} \times 365$ days

  = $\underline{170,288} \times 365$ days

92,879

= 669 days

- Inventory Turnover = Cost of Sales × 365 days

  Average Inventory

  = 170,288 × 365 days

  59,820

  =1039 days

EFFICIENCY/PROFITABILITY RATIO

- Return on Capital Employed = Profit (Return)

  Capital Employed

  = 392,223

  1,437,215

  = 0.27

Capital Employed = Total Assets – Current Liabilities

= 1,721,974 - 284,759

= 1,437,215

- Gross Margin= Gross Profit × 100%

  Sales

  = 448,013 × 365 days

  618,301

  =264 days

- Net Profit Margin = Net Profit × 100%

  Sales

$$= \frac{481{,}456}{618{,}301} \times 100\%$$

$$= 78\%$$

- Expenses Percentage= $\frac{\text{Individual Expenses}}{\text{Total Expenses}} \times 100\%$

$$= \frac{27{,}108}{116{,}386} \times 100\%$$

$$= 23.29\ \%$$

- Expenses to Sales = $\frac{\text{Individual Expenses}}{\text{Sales}} \times 100\%$

$$= \frac{27{,}108}{618{,}301} \times 100\%$$

$$= 4.38\%$$

INVESTORS/SHAREHOLDERS RATIOS

- Earnings Per Share= $\frac{\text{Profit after Tax – Preference Dividend}}{\text{Number of Ordinary Shares}}$

$$= \frac{481{,}456 - 178{,}925}{20{,}000}$$

$$= 15.12$$

- Price Earnings Ratios = $\frac{\text{Market Per Share}}{\text{Earnings per Share}}$

$$= \frac{0.50}{15.12}$$

$$= 0.03$$

- Earnings Yield = <u>Earnings Per Share</u>

Market Per Share

= 15.12

0.50

= 30.24

- Net Assets Per Share = Net Assets-Preference Share Capital

No. of Ordinary Shares

Net Assets= (Total Fixed Assets + Total Current Assets) – (Total Current Liabilities + Total Long term Liabilities)

= (1,280,948 + 441,026) – (284,759 + 143,667)

=1,721,974 – 428,426

= 1293548

- Dividends Per Share = Gross Dividends

No. of Ordinary Shares

= 178,925

20,000

= 8.95

- Dividend Payout Ratio = Dividend Per Share × 100%

Earnings Per Share

= 8.95

30.24

= 0. 30

- Dividend Yield = Dividends Per Share

Market Per Share

= 8.95

0.50

= 17.9

- Dividend Cover = Profit after Tax – Preference Dividend

Gross Dividend

= 481,456 – 178,925

LONG TERM SOLVENCY / STABILITY RATIOS

- Gearing Ratio = Fixed Interest loans+ Preference share capital

  Ordinary shares capital + Reserves

  =

- Fixed Interest Cover = Profit before Interest & Tax

  Fixed Interest

  = 392,223

- Total Debt to Shareholders' Fund = Non Current Liabilities + Current Liabilities

  Equity

  = 143,667 + 284,759

  1,293,548

  =

THE ACCOUNTING RATIOS OF MOBIL OIL NIG PLC 2018

1) SHORT TERM SOLVENCY RATIOS

a) Current ratios

= current assets

Current liabilities

34,183,632

19,327,761 =1.77:1

b) Acid test ratios

Current assets - inventory

Current liabilities

34,183,632-17,918,599

19,327,761 =0.84:1

c) Receivable collection period

$$\frac{\text{Average trade receivable}}{\text{Credit sales}} \times 365\text{days}$$

$$\frac{11{,}513{,}890}{164{,}609{,}535} \times 365 \text{ days}$$

=25days

d) Payables payment period

$$\frac{\text{Average trade payable}}{\text{Credit payables}} \times 365 \text{ days}$$

$$\frac{8{,}212{,}101}{148{,}015{,}916} \times 365\text{days}$$

= 20days

e) Inventory turnover period

$$\frac{\text{Average inventory}}{\text{Cost of sales}} \times 365 \text{ days}$$

$$\frac{8{,}959{,}210}{148{,}015{,}916} \times 365 \text{ days}$$

= 22 days

f) Receivable turn over

$$\frac{\text{Credit sales}}{\text{Average receivables}}$$

$$\frac{164{,}609{,}535}{11{,}513{,}890}$$

= 14times

g) Payables turn over

Credit purchases

Average payables

148,015,916

8,212,101

=18times

h) Inventory turn over

Cost of sales

Average inventory

148,015,916

8,959,210

= 16times

2) PROFITABILITY RATIO

i) Gross profit margin

Gross profit x 100

Sales

16,593,619 x 100

164,609,535

=10%

j) ROCE

PBIT

Capital employed

13,695,459

33,772,775

=0.41

k) Net Profit Margin= Net profit/Sales x100%

9,328,935/164,609,535 x100%=6%

l) Expenses Percentage= Individual Expense/Total Expense X100%

Selling and Distribution expense= 6,924,989/16,385,147 x100%=42%

Administration Expense= 5,024,634/16,385,147 x100%=30%

Other operating Expense= 28,368/16,385,147 x100%=0.17%

Income Tax Expense= 4,366,524/16,385,147 x100%=27%

m) Expenses to Sales= Individual Expense/ Sales X100%

Selling and Distribution expense=6,924,989/164,609,535 x100%=4%

Administration Expense=5,024,634/164,609,535 x100%=3%

Other operating Expense=28,368/164,609,535 x100%=0.017

Income Tax Expense=4,366,524/164,609,535 x100%=2%

3) INVESTORS RATIO

n) Earnings per share= PAT-preference dividend/ No ordinary share in Issue=9,328,935/360, 595,261= 2587kobo

o) Price earnings ratio

MPs

Eps

147.9

25.87

=**6years**

p) Earning yield

Eps

MPs x100%

25.87

147.9x 100

=17%

q) Net Asset Per Share= Net asset –Preference shares/ NO of ordinary shares in issue= 70,660,798/360, 595,261=₦0.2

r) Dividend per share= Gross dividend/ No of ordinary shares in issue=180,297,630/360, 595,261= ₦0.5

s) Dividend pay-out= Dps/Eps x 100%=50/2587 x100%=2%

t) Dividend Yield=Dps/mps x100% = 0.5/147.9 x100%=0.34%

u) Dividend Covered= Eps/Dps=2587/50=52times

4) Long term solvency ratio

v) Gearing ratio= Debt/Equity=36,888,023/33,772,775=1

w) Total Debt To Equity= Noncurrent liabilities+ Current liabilities/ Equity= 19,327,761+17,560,262/ 33,772,775= 1

Fixed interest Covered= PBIT/ Finance cost= 13,695,459/28,368=483time

Ratio ECOBANK PLC

Short term/liquidity ratios

- Current ratio=Current Assets/Current liabilities 8,191,180,711/7,520,990,240

=1.18:1

- Acid test ratio=current assets- inventory/current liabilities

8,191,180,711–2,797,417/7,520,990,240

=1.08:1

Efficiency/profitability ratios

- ROCE= PBIT/capital employed

Capital employed=total asset-current liabilities. 218,360,082/1.840,272

=1.18

22,492,121–20,651,849

=1840272

- Income tax expense 112,831

Investors /Shareholder Ratios

- EPS=PAT- Preference dividend/ No of ordinary shares×100%

1.06kobo

- Price earnings ratio=MPS/EPS 7.05/1.06

=7days

- Earnings yield =EPS/MPS×

100% 1.06/7.05

=0.15%

- Net asset per share=net asset-preference share/No of ordinary share

22,582,196/2,113,957

=₦10

- Dividend per share =gross dividend /No of ordinary share

=61.5kobo

- Dividend payout ratio=DPS/EPS×100% 61.5/1.06×100%

=58%

- Dividend yield=DPS/MPS×100% 61.5/7.05×100

=8%

- Dividend covered=EPS/DPS 1.06/61.5

=0.02times

Long Term Solvency Ratios

- Gearing Ratio=debt/ equity

  702,404/1,812,491

=0.38

- Fixed interest cover=profit before interest& tax/fixed interest 435,977/1,528,410

=0.28

- Total debt to shareholder fund= noncurrent liabilities +current liabilities/equity
275,539+20,651,849/1,812,491

=11.5