



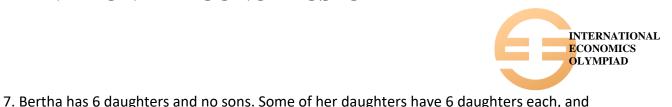
2022-2023 NEO 2022 - PRACTICE TEST

INSTRUCTIONS

- 1. This is a sixty (60) question multiple choice test. Each question is followed by answers marked A, B, C, D and E. Only one of these is correct.
- 2. Mark your answer to each problem on the NEO Answer Form. Only answers properly marked on the answer form will be graded.
 - 3. SCORING: You will receive 2 points for each correct answer, -1 for each incorrect answer and 0 points for each blank answer.
 - 4. No aids are permitted other than scratch paper, graph paper, rulers, compass, protractors, and erasers. No calculators are allowed.
 - 5. Figures are not necessarily drawn to scale.
 - 6. Before beginning the test, your proctor will ask you to record certain information on the answer form.
 - 7. When your proctor gives the signal, begin working on the problems. You will have 180 minutes to complete the test.
 - 8. When you finish the exam, *sign your name* in the space provided on the Answer Form.



	n can produce 40 s s has a comparativ		•	nes can produce 50 shoes or 40 boots per
(a) shoes	(b) boots (c) neith	er shoes nor boo	ts (d) both shoe	s and boots.
population two tent	on consists of inc acles and the re of Martians have	lividuals with th emaining 2% co	ree tentacles, on sists of indiv	its head. Exactly 1% of the martian exactly 97% comprise of Martians with iduals with one tentacle. How many than the average of the whole Martian
A) 1%	B) 3%	C) 97%	D) 98%	
3. Alicia e	shepherds and o What was the n A) 60 B arns N2000 per h licia's wages are u	one third of the umber of legs o 3) 72 C) 8 our, of which 1.4	sheep left, the n the ground a 0 D) 90 5% is deducted axes?	f shepherds. When one half of the re were total of 50 legs on the ground. t the beginning? to pay local taxes. How many Naira per
eaten br broccoli. voters at A 5. All the consecut the seat	occoli. 90 % of the How many percentending the electory and the first the fi	the remaining vent did the Broomer tions had eaten 41% C) 4 st row in a ciner th 1. An extra tickets sold for the street of the control of th	voter who vote ccoli Party get broccoli ? .3% D) 4 ma were sold cket was sold f	ted for the Broccoli Party had already ed for other parties had never eaten in the elections, if precisely 46% of all 45%. The seats are numbered for one seat by mistake. The sum of all to 857. What is the number of the
(A) 4	(B) 16	(C) 25	(D) 37	
6. Edward the N100	I has 2017 notes on notes, he is left w	of the denomination of the	tions N10, N50 y N10 notes as	, and N100. If he puts aside one of N50 notes and twice as many N50
notes as I A 280	N100 notes. How B 572	many N100 does C 289	Edward have: D 1153	,
A 20U	03/2	C 209	ס דדסס	



the rest have none. Bertha has a total of 30 c granddaughters. How many of Bertha's daug A 22 B 23 C 24 D 26	-	
8. A company sells peanut butter in cylindrica	al jars. Marketing	research suggests that using
wider jars would increase sales. If the diamet	-	
altering the volume, by what percent must the	-	-
A) 10%. B) 25%. C) 36%	D) 50%	
71, 1076.	<i>D</i> /3070	
9. The sum of 49 consecutive integers is 7 ⁵ . V	What is thair mag	lian?
A) 7 B) 7 ²	C) 7 ³	D) 7 ⁴ .
,	,	•
10. Brenda and Sally run in opposite direction		
opposite points. They first meet after Brenda		-
has run 150 meters past their first meeting p	oint. Each girl ru	ns at a constant speed. What is
the length of the track in meters?		
A) 250 B) 300	C) 350	D)400 .
11. Jamal wants to save 30 files onto disks, ea	ach with 1.44 MI	3 space. 3 of the files take up
0.8 MB each, 12 of the files take up 0.7 MB e	ach, and the rest	t take up 0.4 MB each. It is not
possible to split a file onto 2 different disks. \	What is the small	lest number of disks needed to
store all 30 files?		
A) 12 B) 13	C) 14	D)15.
12. Mr. Earl E. Bird leaves home every day at	,	•
average speed of 40 miles per hour, he will b	_	
speed of 60 miles per hour, he will be early b	•	w many miles per nour does
Mr. Bird need to drive to get to work exactly		2)50
A) 45 B) 48	C) 50	D)50.
13. Sarah pours 4 ounces of coffee into a cup		
ounces of cream into a second cup that can a		-
contents of the first cup into the second cup,	completely mixe	es the contents of the second
cup, then pours half of the contents of the se	econd cup back in	nto the first cup. What fraction
of the contents in the first cup is cream?		
A) 1/4 B) 1/3	C) 3/8	D)2/5 .
14. Andy's lawn has twice as much area as B	eth's lawn and th	nree times as much as Carlos'
lawn. Carlos' lawn mower cuts half as fast as		
mower. If they all start to mow their lawns at		•
•	AND CARLOS TIE	
15. Members of the NEO-IEO Soccer League		
and each T-shirt costs N1,100 more than a pa		
•		•
socks and a shirt for home games and another	-	
the total cost is N 345,800, how many memb		ague?
A) 77 B) 91 C) 143	D) 182 .	
46 liberaria la contrata de la contrata del contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata del contrata del contrata de la contrata del contrata del contrata del contrata del contrata del contrata del contr	and the second second	
16."Roundabout production" refers to (a) indire	•	
capital goods (b) the least efficient production to		THE TOOL OF BOOMS FOR INCOL MARKATS
(d) production of goods and services in the circul		duction of goods for local markets
17.Which is true:		duction of goods for local markets



b. The price system g	ives more goo	ds to those wi	th more money votes.	
c.The transactions in	the circular flo	w model refe	rs to the market where real goods and resources a	re
exchanged for money	y.			
۸۱ -	D\	C\ -	D) All of the chare	

A) a. B) b. C) c. D) All of the above .

18.Capital goods are (a) goods owned by the wealthy (b) goods produced to be used in the Production of consumer goods (c) financial assets of businesses (d) goods provided by the government

- 19. Depreciation is a process of:
- a) Allocation
- b) Valuation
- c) Both (1) and (2)
- d) None of the above
- 20. Country A uses sterling and has a GDP per head of £30,000. Country B uses another currency. If this is converted to sterling at the current exchange rate, its GDP per head is £5,000. Which of the following statements is false?
- a) To get a better comparison of output per head, it would be better to convert country B's currency into sterling using purchasing power parities (PPPs).
- b) If PPPs were used, it is most likely that B's output per head would seem closer than it does using exchange rates.
- c) Exchange rates generally settle so that the prices of tradable products in each country are similar.
- d) PPPs are the rates which ensure that the prices of all products in each country are similar.
- 21. Suppose that, over time, the share of manufacturing industry in a country's GDP falls. Which of the following statements is true?
- 1. The quantity of the goods and services produced by manufacturing industry must be falling.
- 2. The value of the goods and services produced by manufacturing industry must be falling.
- a) Both 1 and 2 b) 1 only c) 2 only d) Neither 1 nor 2

22.	Under the straight line method of providing depreciation, it:
0	a) Increases every year
0	b) Decreases every year
0	c) Remains constant every year
0	d) None of the above

- 23. Which of the following statements is true?
- 1. Total welfare is affected by many factors including economic welfare.
- 2. Economic welfare refers to living standards.
- a) Both 1 and 2
- b) 1 only
- c) 2 only
- d) Neither 1 nor 2
- 24. Suppose that over the course of a decade an economy had a stable population and real GNDI increased by 20%. However, an economist estimates that economic welfare increased by less than 20%. Which of the following would not be a factor that could help to explain this?



b) O c) Le d) Pr	ousehold production (excluding owner-occupied property) increased by less than 20%. utput by the underground economy increased by less than 20%. eisure time increased by less than 20%. rices increased by more than 20%. Depreciation to machinery is debited to:
_	Profit and loss a/c
\sim	Machinery a/c
_	Depreciation a/c
_	Expenses and loss a/c
26. V a) Ev	Which of the following statements is false? Ven in the worst recorded cases of hyperinflation, the price level always took at last a k to double.
c) So d) So 27. V	ome people lose out if actual inflation turns out to be below the rate they expected. ome people lose out if actual inflation turns out to be above the rate they expected. ome people lose out if actual inflation turns out to be equal the rate they expected. Which of the following statements is false?
b) Th	ne GDP deflator is a price index that covers all goods and services included in GDP. ne RPI is a price index that covers a wide range of goods and services bought by seholds.
c) Th	ne CPI is a price index that covers a wide range of goods and services bought by
	seholds. ne CPI generally rises more quickly than the RPI.
	Suppose there is excess supply in a market and the price decreases. Which of the owing combinations of events will occur?
0 ,	a) There will be a fall in quantity supplied and a rise in quantity demanded.
0 1	b) There will be a fall in quantity supplied and a rise in demand.
0	c) There will be a fall in supply and a rise in quantity demanded.
0 (d) There will be a fall in supply and a rise in demand.
	Suppose there is a decrease in supply in a market where the supply curve slopes upwards the demand curve slopes downwards. Which of the following would not occur?
0 ,	a) An excess supply.
\circ	b) A fall in price.
0 (c) A fall in supply.
0	d) A fall in the equilibrium level of expenditure.

30. Suppose a market is in equilibrium, and then the demand increases. Which of the following would be shown on a graph that illustrated the effects?



0	a) An excess demand at the initial equilibrium price.
0	b) An excess demand at the new equilibrium price.
0	c) An excess supply at the initial equilibrium price.
0	d) An excess supply at the new equilibrium price.
	. In which of the following situations would real GDP increase while the price level stayed same?
b)	The aggregate demand and aggregate supply curves both shifted up by the same amount The aggregate demand and aggregate supply curves both shifted right by the same ount.
c) T	The aggregate demand curve stayed put but aggregate supply shifted right. The aggregate demand curve shifted right but the aggregate supply curve stayed put.
ten cou	Suppose Countries C and D use only labour as an input and produce only tables and ts. In A, a worker in a week could produce 4 tables or 2 tents. In B, a worker in a week ald produce 6 tables. Initially the countries do not trade, and then trade opens up. Under ich circumstances will country C export tables?
0	a) Under no circumstances.
0	b) If a worker in country D could produce fewer than 3 tents a week.
0	c) If a worker in country D could produce 3 tents a week.
0	d) If a worker in country D could produce more than 3 tents a week.
	Suppose two countries E and F use many inputs. Country E exports tractors and imports evisions. Assuming there are no economies of scale, which of the following statements is e?
0	a) If the countries did not trade, then E would have a lower opportunity cost for tractors.
0	b) Even though there is trade, E has a lower opportunity cost for tractors.
0	c) E is sure to produce no televisions while F is sure to produce no tractors.
0	d) Neither country can consume at a point outside its production possibility frontier.
34.	Which of the following statements is false?
o hav	a) Two countries may benefit from trade, even if their production possibility frontiers re identical shapes, if preferences differ in the two countries.
○ hav	b) Two countries may benefit from trade, even if their production possibility frontiers re identical shapes, if industries have substantial economies of scale.
ာ wil	c) When two countries benefit from the opening up of trade, all citizens in each country l benefit.



- d) Differences in the degree of human capital offer one reason why two countries may have production possibility frontiers that differ in shape.
- 35. Which of the following must always be equal?
- a) Actual saving and actual investment in a two-sector economy
- b) Planned saving and planned investment in a two-sector economy
- c) Actual saving and actual investment in a four-sector economy
- d) Planned saving and planned investment in a four-sector economy
- 36. Which of the following statements is correct in the case of a four-sector economy?
- a) G equals all planned government spending.
- b) I equals planned spending on new capital goods.
- c) T equals all planned receipts from taxes.
- d) C is less than disposable income minus planned saving.
- 37. Suppose that one month, injections in a four-sector economy are greater than withdrawals. Which of the following statements is false?
- a) Planned spending will be greater than output.
- b) Actual investment will be less than planned investment.
- c) Planned investment must exceed planned saving.
- d) Output is likely to be increased.
- 38. Suppose we draw the consumption function for a two-sector economy, with disposable income, Y_{DIS} , on the horizontal axis and planned consumption, C, on the vertical axis. Suppose we also add a 45° line through the origin, and find that the consumption function intersects this at a Y_{DIS} equal to £1,000 billion a year. Which of the following statements is false?
- a) The slope of the consumption function at any level of Y_{DIS} shows the value of MPC_{DIS} at that level of Y_{DIS} .
- b) If Y_{DIS} in the economy was £1,000 billion a year, planned consumer spending would also equal £1,000 billion a year.
- c) If Y_{DIS} in the economy was less than £1,000 billion a year, planned saving would be negative.
- d) The consumption function must be a straight line.

39.	Depreciation is necessary to calculate:
0	Net profit
0	Net financial position
0	Tax
0	None of the above
upv	. Which of the following factors might cause a country's consumption function to shift wards? A fall in share prices.

c) Expectations that the economy will soon go into a recession. d) Households deciding to be thriftier.

b) A fall in interest rates.



41. Depreciation of plant is recorded in	n the:
Profit and loss a/c	
Trading a/c	
Assets a/c	
Balance sheet	
desire a ratio of cash to deposits, d, or 1. The bank deposit multiplier is 25. 2. The money multiplier is 17. a) Both 1 and 2. b) 1 only. c) 2 only. 43. Which of the following statements a) Financial intermediaries offer risk to b) The Bank of England may act as a let c) A bank can increase its capital adequations more company shares. d) A bank can increase its capital adequations the proceeds as mortgages. 44. Which of the following would not a) A move which means that all workers.	s is false? ransformation and maturity transformation.
45. Which of the following statements	is true?
right.	e foreign exchange markets must slope upwards to the ne foreign exchange markets must slope downwards to
a) Both 1 and 2 b) 1 only c) 2 only d) Neither 1 nor 2	
46. Which of the following would cauthings being equal?	use sterling to depreciate against the US dollar, other
 a) A fall in incomes in the US. b) News which suggests that prosp c) A rise in interest rates in the UF. 	



	Which of the following exchange rate regimes best describes the situation for both ling and the euro?
0	a) A fixed exchange rate regime.
	b) An adjustable peg exchange rate regime.
O	c) A managed float routine.
0	d) A floating exchange rate regime.
48.	The main aim of providing depreciation is:
	a) To calculate net profitcorrect
	b) To show previous profit
	c) To satisfy the tax department
	d) To reduce tax
49.	Depreciation arises due to:
0	Wear and tear
0	Reduction in the value of assets
0	Increase in the value of liabilities
© 50.	Reduction in capital The total amount of depreciation of an asset cannot exceed its:
0	Scrap value
0	Market value
0	Depreciation value
	None of these Which of the following is a shortcoming of the simple multiplier model that the AS-AD model rcomes?
will	he multiplier model ignores the fact that a rise in planned spending which causes a rise in output also lead to a rise in incomes and the demand for money, and so in turn lead to a rise in the crest rate.
2. T cau	the multiplier model ignores the fact that a rise in injections leads to a rise in prices which will se people to reduce their spending plans. South 1 and 2 b) 1 only c) 2 only d) Neither 1 nor 2
52.	Currency depreciation occurs when:
0	The value of the currency falls
0	The value of the currency rises



O	Inflation falls
0	The balance of payment improves

- 53. Which of the following arguments for a sloping AD curve is unconvincing?
- a) A rise in the price level in a country will tend to lead to a fall in the real value of exports and a rise in the real value of imports.
- b) A rise in the price level in a country will lead to lower real spending because it will lead to lower real wealth.
- c) A rise in the price level in a country will reduce the real value of firms' profits, causing them to reduce planned investment.
- d) A rise in the price level in a country will lead to lower real spending because it will lead to a higher interest rate.
- 54. Which of the following statements about the IS curve is false?
- a) It shows that the lower is the interest rate, the higher is the equilibrium level of output.
- b) The more responsive planned spending is to changes in the interest rate, the more interest elastic is the *IS* curve.
- c) A fall in the interest rate will shift IS to the right.
- d) An increase in exports will shift IS to the right.
- 55. Which of the following statements about the LM curve is false?
- a) An increase in the demand for money will shift LM right.
- b) An increase in the supply of money curve will shift LM right.
- c) It shows that the higher is the level of output, the higher is the equilibrium rate of interest.
- d) The more interest elastic is the demand for money, the more interest elastic is the *LM* curve.
- 56. Suppose that a country is in short-run equilibrium at the point where its aggregate demand curve intersects its aggregate supply curve. Then aggregate demand falls. Which of the following does not help to explain why output may then move to a lower short-run equilibrium level?
- a) Nominal wages may be sticky downwards.
- b) Prices may be sticky upwards.
- c) Individual producers may mistakenly believe that they alone have faced a fall in demand, and so may demand less labour.
- d) Individual workers may mistakenly believe that while nominal wages have fallen, the price level has not.

ne difference between gross investment and net investment is:
) Depreciation
) Acceleration
) Deceleration
). Capital investment



- 58. Which of the following statements about a country's long-run aggregate supply curve, *LAS*, is true?
- a) It is vertical throughout its length at the output which would be produced if there were no unemployment.
- b) It is vertical throughout its length at the output which would be produced if there were only natural unemployment.
- c) It slopes forwards at low price levels and is then vertical.
- d) It slopes forwards at all price levels.
- 59. Suppose an economy is in short-run and long-run equilibrium where its *AD*, *SAS* and *LAS* curves intersect. Then there is an improvement in technology which leads to a higher demand for labour, so increasing the level of natural employment and the level of potential output. Which of the following statements about the new long-run equilibrium position is false?
- a) The new LAS curve will be to the right of the original LAS.
- b) The price level will be lower than it started.
- c) The real wage will be higher than it started.
- d) The new SAS curve will be to the left of the original SAS.
- 60. Mary divides 2015 successively by 1, 2, 3 and so on, up to and including 1000. She writes down the remainder for each division.

What is the largest of these remainders?

(A) 1008

(B) 215

(C) 671

(D) 1007

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