Exported On *	2023/04/03 11:56:05
Title *	Question Paper Answer Key
OES Exam *	GPSC12202223 / Assistant Professors in Government College in Economics/ Completed / 2023-04-01

1

Question Description	In the 2-factor, 2 good Heckscher-Ohlin model, an influx of workers from across the border would:
A	Moves the point of production along the production possibility curve
B	Shifts the production possibility curve outward, and increase the production of both good
C	Shift the production possibility curve outward and decrease the production of the Labor intensive product
D	Shift the production possibility curve outward and decrease the production of the capital intensive product.
E	None of the above
Correct Answer	D
Marks	1

2

| Question Description | An individual will make economic decisions at the margin regarding which course of action should be taken. The table below shows two outcomes associated with each of four courses of action that an individual could take.
Which of the four courses of action would a rational consumer choose? |

	Outcome 1	Outcome 2
A	Marginal benefit 100	Marginal cost 100
B	Marginal benefit 200	Marginal cost 100
C	Marginal benefit 100	Marginal cost 200
D	Marginal benefit 0	Marginal cost 0

A	A
B	B
C	C
D	D
E	None of the above
Correct Answer	B
Marks	1

3

Question Description	The Endogenous growth theories generally use neoclassical model but allow the production function to exhibit:
A	Increasing returns to scale
B	Decreasing returns to scale
C	Diminishing returns to scale
D	Multiplier returns to scale
E	None of the above
Correct Answer	A
Marks	1

4	Question Description	An assembly line machine is supposed to turn out ball bearings with a diameter of 1.25 centimeters. Each morning the first 30 bearings produced are pulled and measured. If their mean diameter is under 1.23 centimeters or over 1.27 centimeters, the machinery is stopped and an engineer is called to make adjustments before production is resumed. The quality control procedure may be viewed as a hypothesis test with the null hypothesis H0: $\mu = 1.25$ and the alternative hypothesis Ha: $\mu \neq 1.25$. The engineer is asked to make adjustments when the null hypothesis is rejected. In test terminology, what would a Type II error result in?
	A	A warranted halt in production to adjust the machinery
	B	An unnecessary stoppage of the production process
	C	Continued production of wrong size ball bearings
	D	Continued production of proper size ball bearings
	E	None of the above
	Correct Answer	C
	Marks	1

5	Question Description	The Cambridge, England camp focussed on:
	A	The capital ratio.
	B	The capital-output ratio.
	C	The savings ratio.
	D	The output ratio.
	E	None of the above
	Correct Answer	C
	Marks	1

6	Question Description	In Irving Fisher's quantity theory of money, velocity was determined by
	A	Interest rates.
	B	Real gdp.
	C	The institutions in an economy that affect individuals' transactions.
	D	The price level.
	E	None of the above
	Correct Answer	C
	Marks	1

7	**Question Description**	According to Milton Friedman, income declines relative to permanent income during a business cycle contraction, causing the demand for money with respect to actual income to increase, thereby causing velocity to
	A	Rise.
	B	Decline.
	C	Remain unchanged, since velocity depends only on interest rates.
	D	Decline, provided that interest rates increase when the economy contracts.
	E	None of the above
	Correct Answer	B
	Marks	1

8	Question Description	Which of the following is not a characteristic of production technologies that can be described by the Cobb-Douglas production function?
	A	The marginal product of an input divided by the average product of that input is constant.
	B	The exponents will sum to one if returns to scale are constant.
	C	Linear regression can be used to estimate the parameters of the function.
	D	All of the above are characteristics of the Cobb-Douglas production function.
	E	None of the above
	Correct Answer	D
	Marks	1

| 9	Question Description	Which of the following statements is false?
	A	The sampling distribution of the mean will have the same standard deviation as the original population from which the samples were drawn
	B	The sampling distribution of the mean will have the same mean as the original population from which the samples were drawn
	C	The sampling distribution of the mean will be normal if the original population from which the samples were drawn is normally distributed
	D	Sample data are used as a basis from which to make probability statements about the true (but unknown) value of the population mean or proportion.
	E	None of the above
	Correct Answer	A
	Marks	1

10	Question Description	Comparing Tobin's model of the speculative demand for money with Keynesian speculative demand
	A	Both models imply that individuals hold only money or only bonds.
	B	The keynesian model implies individuals diversify their asset holdings, while the tobin model predicts that individuals hold only money or only bonds.
	C	The tobin model implies individuals diversify their asset holdings, while the keynesian model predicts that individuals hold only money or only bonds.
	D	Both models imply that individuals diversify their asset holdings.
	E	None of the above
	Correct Answer	C
	Marks	1

11	Question Description	Which of the following actions will lead to immediate increase in money supply in the economy? i. Individuals purchasing government securities in the primary market ii. Banks purchasing government securities in the primary market iii. Banks purchasing government securities from the public in the secondary market iv. Long Term Repo Operation by RBI to commercial banks Select the correct answer using the code given below:
	A	(i) only
	B	(i) & (ii) only
	C	(iii) only
	D	(iii) & (iv) only
	E	None of the above
	Correct Answer	C
	Marks	1

12	Question Description	In the liquidity trap
	A	A small change in interest rates produces a small change in the quantity of money demanded.
	B	A small change in interest rates produces no change in the quantity of money demanded.
	C	Money demand is not affected by interest rates.
	D	A small change in interest rates produces a very large change in the quantity of money demanded.
	E	None of the above
	Correct Answer	D
	Marks	1

13	Question Description	For the market supply and demand graph below, when the demand curve shifts from D to D1 and the supply curve shifts from S to S1, then
	A	The equilibrium price falls and the equilibrium quantity is undermined

B	The equilibrium price falls and the equilibrium quantity is unchanged
C	The equilibrium price is unchanged and the equilibrium quantity rises
D	The equilibrium price is undetermined and the equilibrium quantity falls
E	None of the above
Correct Answer	A
Marks	1

14	Question Description	Which growth model inspired the use of capital-output ratio for development planning?
	A	The harrod-domar model
	B	Solow's model
	C	Kaldor's model
	D	Feldman's model
	E	None of the above
	Correct Answer	A
	Marks	1

15

Question Description	Match the list – 1 with list- 2

List – 1	List - 2
A. Voluntary Unemployment	1. When more workers are engaged in a work than actually required to work.
B. Involuntary Unemployment	2. It is a temporary unemployment which exists during the period of the transfer of labor from one occupation to another.
C. Frictional Unemployment	3. A situation when the workers are willing to work under any conditions and at any wage rate but they fail to get employment.
D. Disguised Unemployment	4. When the economy offers employment opportunities to the workers, but they themselves are not willing to take up jobs.

A	A-4, B-3, C-2, D-1
B	A-3, B-4, C-1, D-2
C	A-1, B-4, C-3, D-2
D	A-2, B-3, C-1, D-4
E	None of the above
Correct Answer	A
Marks	1

16 **Question Description**	A researcher is interested in the age at which adolescents get their first paying job. She surveyed a simple random sample of 150 adolescents who have had at least one paying job before the age of 19. The distribution of the ages was found to be approximately normal with a mean of 15.2 years and a standard deviation of 1.6 years. According to the empirical rule, between which two ages do approximately 95% of the adolescents get their first paying job?
A	13.2 years and 17.2 years
B	15.2 years and 18.4 years
C	12 years and 15.2 years
D	12 years and 18.4 years
E	None of the above
Correct Answer	D
Marks	1

17	Question Description	Which of the following statements is not correct?
	A	When an interval estimate is associated with a degree of confidence that it actually includes the population parameter of interest, it is referred to as a confidence interval
	B	If the population mean and population standard deviation are both known, one can make probability statements about individual x values taken from the population
	C	If the population mean and population standard deviation are both known, one can use the central limit theorem and make probability statements about the means of samples taken from the population
	D	When sample data are used for estimating a population mean, sampling error will not be present since the observed sample statistic will not differ from the actual value of the population parameter.
	E	None of the above
	Correct Answer	D
	Marks	1

18

Question Description	From the following diagram , the total profits for this monopolist are identified
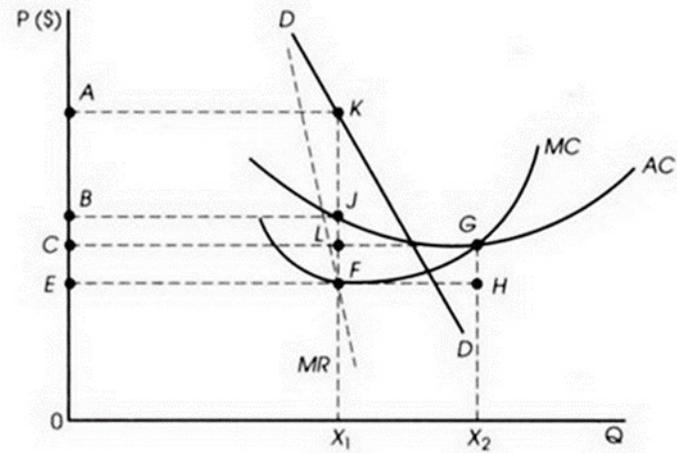
One firm constitutes the market

A	CEFL
B	ABJK
C	BCLF
D	CEHG
E	None of the above
Correct Answer	B
Marks	1

19	Question Description	The Baumol-Tobin analysis suggests that
	A	Velocity is relatively constant.
	B	The transactions component of the demand for money is negatively related to the level of interest rates.
	C	The speculative motive is non-existent.
	D	Both (a) and (b) of the above are true.
	E	None of the above
	Correct Answer	B
	Marks	1

20		
Question Description		The term 'Crowd-out' in economy is related to which of the following: i. Increased public sector spending replaces private sector spending ii. Governments deficit spending through borrowed money leads to hardening of interest rates iii. Government spending uses up financial resources that would otherwise be used by private firms iv. Government providing a service or good that would otherwise be a business opportunity for private industry Select the correct answer using the code given below:
A		(i) only
B		(i) & (ii) only
C		(ii) & (iii) only
D		All of the above
E		None of the above
Correct Answer		D
Marks		1

21	Question Description	In the Baumol-Tobin analysis of transactions demand, scale economies imply that an increase in real income increases the quantity of money demanded _____, while an increase in the price level increases the quantity of money demanded _____.
	A	Proportionately; proportionately
	B	More than proportionately; proportionately
	C	Less than proportionately; proportionately
	D	Proportionately; more than proportionately
	E	None of the above
	Correct Answer	C
	Marks	1

22	Question Description	Consider a profit-maximizing firm in a perfectly competitive market with several sellers and several buyers (i.e., the firm is a "price taker" of the goods it sells and a "price taker" of the hourly wages it pays its workers). If a technological innovation made by someone in this firm were to significantly raise the firm's marginal physical product (but not that of any other firm's), then this innovation would
	A	Reduce the firm's employment level, because fewer workers are now needed
	B	Raise the workers' hourly wage as they now contribute more marginal revenue
	C	Lead the firm to hire more workers but not to raise their wages
	D	Lead the firm to hire more workers and to pay them higher wages
	E	None of the above
	Correct Answer	C
	Marks	1

23	Question Description	The link between changes in the money supply and changes in real macroeconomic variables is best described by
	A	A change in interest rates that induces a change in spending, a change in aggregate demand, and thus a potential change in real GDP
	B	A change in interest rates that induces a change in spending, a change in aggregate demand, and thus an immediate and unavoidable change in real GDP
	C	A change in spending caused directly by the Central Bank's adjusting its own investment portfolio and which translates into a change in aggregate demand and finally a change in nominal GDP
	D	A change in bankers' interest rates by direct intervention that may or may not alter real GDP by altering spending
	E	None of the above
	Correct Answer	A
	Marks	1

24	Question Description	Which of the following illustrates the demand curve facing an oligopolist when rival firms follow a price decrease but not a price increase?
	A	Perfectly horizontal demand curve.
	B	Highly inelastic demand curve.
	C	Highly elastic demand curve.
	D	A demand curve consisting of two discontinuous segments
	E	None of the above
	Correct Answer	D
	Marks	1

25	Question Description	Fisher's quantity theory of money suggests that the demand for money
	A	Is purely a function of income, and interest rates have no effect on the demand for money.
	B	Is purely a function of interest rates, and income has no effect on the demand for money.
	C	Is purely a function of government spending, and interest rates have no effect on the demand for money.
	D	Is purely a function of expectations, and income has no effect on the demand for money.
	E	None of the above
	Correct Answer	A
	Marks	1

26	Question Description	If the production function exhibits decreasing returns to scale in the steady state, an increase in the rate of population would lead to:
	A	Growth in total output and growth in output per worker
	B	Growth in total output but no growth in output per worker
	C	Growth in total output but a decrease in output per worker.
	D	No growth in total output or in output per worker
	E	None of the above
	Correct Answer	C
	Marks	1

27	Question Description	Is there a relationship between education level and sports interest? A study cross-classified 1500 randomly selected adults in three categories of education level (not a high school graduate, high school graduate, and college graduate) and five categories of major sports interest (baseball, basketball, football, hockey, and tennis). The χ^2-value is 13.95. Is there evidence of a relationship between education level and sports interest?
	A	The data prove there is a relationship between education level and sports interest.
	B	The evidence points to a cause-and-effect relationship between education and sports interest.
	C	There is sufficient evidence at the 5% significance level of a relationship between education level and sports interest.
	D	There is sufficient evidence at the 10% significance level, but not at the 5% significance level, of a relationship between education level and sports interest.
	E	None of the above
	Correct Answer	D
	Marks	1

28	**Question Description**	Consider the following statements about the National Cooperative Marketing Federation of India Limited (NAFED).
		1. NAFED promotes the inter-state trade as well as export of certain agricultural commodities to many foreign countries.
		2. NAFED is responsible for the movement of the essential commodities from surplus areas to scarcity areas.
		Which of the statements given above is/are correct?
	A	1 only
	B	2 only
	C	Both 1 and 2
	D	Neither 1 nor 2
	E	None of the above
	Correct Answer	C
	Marks	1

29	Question Description	The demand for money is a demand for real money balances for a given interest rate. If there is an increase in the level of income because of increase in real money supply, which of the following statements holds true?
	A	IS curve shifts to the left.
	B	LM curve shifts to the left.
	C	IS curve shifts to the right.
	D	LM curve shifts to the right.
	E	None of the above
	Correct Answer	D
	Marks	1

| 30	Question Description	Which of the following is not correctly matched?
	A	Big-push strategy: Paul n. Rosenstein- Rodan
	B	Balanced growth theory: R. Nurkse
	C	Development with unlimited supplies of labour: a-0. Hirschman
	D	Critical minimum strategy: Prof. Harvey Leibenstein
	E	None of the above
	Correct Answer	C
	Marks	1

31	Question Description	Rostow's economic stages are
	A	The preconditions for take-off, the take-off, the drive to maturity, and the age of creative destruction.
	B	The traditional society, the preconditions for take-off, the take-off, the drive to maturity, and the age of high mass consumption.
	C	The preconditions for consumption, the replication, the drive to maturity, and the age of high mass consumption.
	D	The learning curve, the age of high mass consumption, post-take-off, and the drive to maturity.
	E	None of the above
	Correct Answer	B
	Marks	1

32	Question Description	Consider the following statements regarding Forex Reserves of India:
	A	If the foreign currencies other than dollars in our forex reserve appreciates then forex reserve will increase
	B	If the foreign currencies other than dollars in our forex reserve appreciates then forex reserve will decrease
	C	Appreciation/depreciation of Foreign currencies other than dollars (in our forex reserve) do not have any impact on our forex reserves
	D	Our forex reserves do not include foreign currencies other than dollars
	E	None of the above
	Correct Answer	A
	Marks	1

33	Question Description	The Philips curve shows that
	A	High unemployment rates are associated with low increases in money wage rates
	B	Low unemployment rates are associated with low rates of inflation
	C	High unemployment rates are associated with low rates of inflation
	D	High inflation rates are associated with higher level of money wage rates
	E	None of the above
	Correct Answer	C
	Marks	1

34		
Question Description		Fiscal Deficit is equal to: i. Total expenditure minus total receipts ii. Total expenditure minus total receipts excluding borrowing iii. Revenue deficit plus capital expenditure minus non debt creating capital receipts iv. Total borrowing Select the correct answer using the code given below:
A		(i) & (iv) only
B		(ii) & (iii) only
C		(ii), (iii) & (iv) only
D		All of the above
E		None of the above
Correct Answer		C
Marks		1

35	

Question Description	Consider the following three scatterplots:
	Which of the following statements, if any, are true?
	I. The intercept for the line of best fit for the data in scatterplot A will be positive.
	II. The slope for the line of best fit for the data in scatterplot B will be negative.
	III. There is no discernible relationship between the variables x and y in scatterplot C.
A	I only
B	II only
C	III only
D	I and II only
E	None of the above
Correct Answer	D
Marks	1
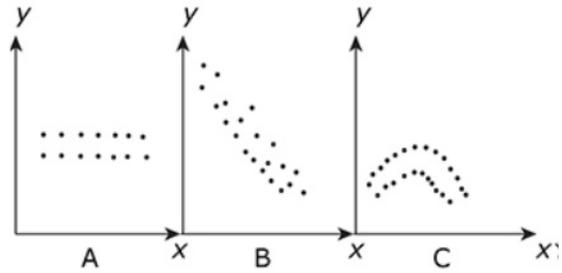
36	Question Description	According to Keynes, the actual expenditure in an economy can differ from the planned expenditure. Which of the following is true if the actual expenditure is less than the planned expenditure in the economy?
	A	There will be positive fixed investment in the economy.
	B	There will be negative fixed investment in the economy.
	C	There will be positive inventory investment in the economy.
	D	There will be negative inventory investment in the economy.
	E	None of the above
	Correct Answer	C
	Marks	1

Question Description	From the following diagram, which of the given options shows, the socially optimal price
A	P3
B	P2
C	P1
D	P4
E	None of the above
Correct Answer	A
Marks	1
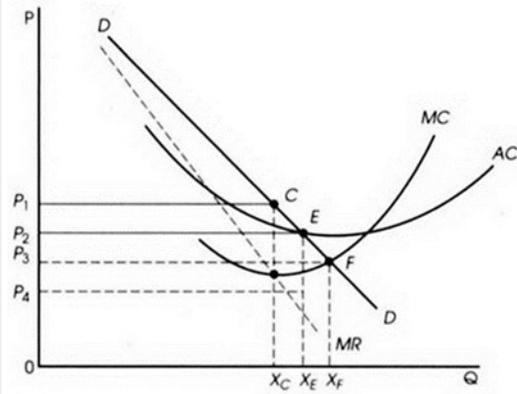
38	
Question Description	Consider the following statements regarding Special Drawing Rights (SDR) of IMF: i. It is allocated to the member countries based on their economic size ii. SDR allocation acts as external debt for the respective country's Govt. iii. SDRs can be held only by Government entities iv. It forms part of Capital Account under Balance of Payment Select the correct answer using the code given below:
A	(i), (ii) & (iii) only
B	(i) & (iii) only
C	(ii) & (iii) only
D	All of the above
E	None of the above
Correct Answer	D
Marks	1

39	Question Description	Which one of the following best describes the main objective of 'Seed Village Concept'?
	A	Encouraging the farmers to use their own farm seeds and discouraging them to buy the seeds from others
	B	Involving the farmers for training in quality seed production and thereby to make available quality seeds to others at appropriate time and affordable cost
	C	Earmarking some villages exclusively for the production of certified seeds
	D	Identifying the entrepreneurs in village and providing them technology and finance to set up seed companies.
	E	None of the above
	Correct Answer	B
	Marks	1

| Question Description	A competitive firm facing the demand and cost curves in the figure should
A	Shut down immediately
B	Produce where marginal cost equals marginal revenue
C	Stay open in the short run but not the long run
D	Stay open in the short run and long run
E	None of the above
Correct Answer	A
Marks	1
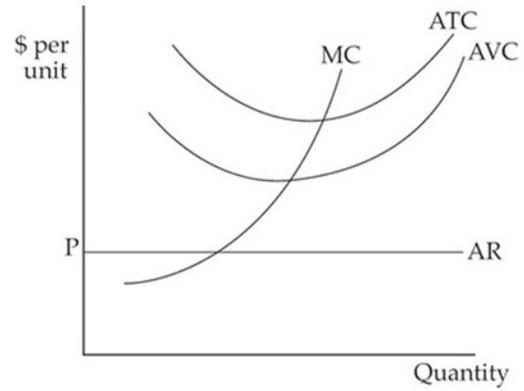
41	Question Description	Which of the following statements about hypothesis testing is true?
	A	If the p-value is greater than the significance level, we fail to reject Ho.
	B	A Type II error is rejecting the null when it is actually true.
	C	If the alternative hypothesis is that the population mean is greater than a specified value, then the test is a two-tailed test.
	D	The significance level equals one minus the probability of a Type I error.
	E	None of the above
	Correct Answer	A
	Marks	1

42	Question Description	If isoquants are plotted on a graph with capital measured on the vertical axis and labor on the horizontal axis, then an increase in the wage rate will cause the isocost line
	A	To become steeper and the optimal quantity of labor will decrease.
	B	To become steeper and the optimal quantity of labor will increase.
	C	To become flatter and the optimal quantity of labor will decrease.
	D	To become flatter and the optimal quantity of labor will increase.
	E	None of the above
	Correct Answer	A
	Marks	1

43

Question Description	Referring to the production possibility diagram below, at which point is there unemployment in the economy?
A	E
B	F
C	G
D	H
E	None of the above
Correct Answer	A
Marks	1
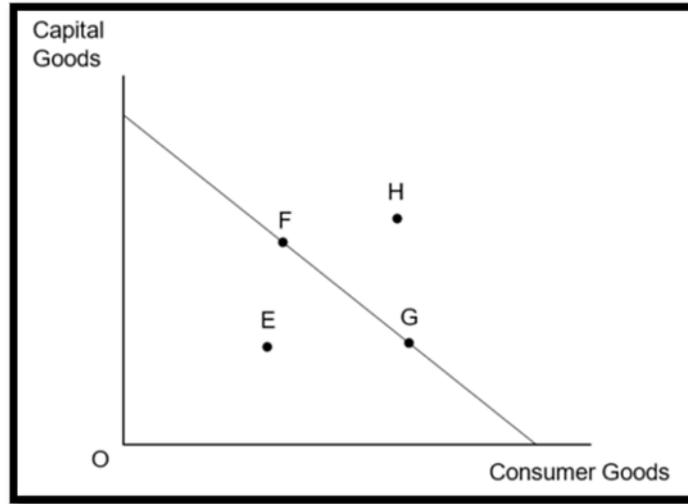
44		
Question Description		Consider the following statements regarding rupee-dollar rate in foreign exchange market: i. Inflation in the domestic economy will lead to rupee depreciation ii. Rupee depreciation will lead to inflation in the domestic goods in the economy Select the correct answer using the code given below:
A		(i) only
B		(ii) only
C		Both (i) & (ii)
D		Neither (i) nor (ii)
E		None of the above
Correct Answer		A
Marks		1

45

Question Description	Consumer surplus in the monopolist market is equal to the
A	abce.
B	abcf.
C	P5cd.
D	0Q1aP1.
E	None of the above
Correct Answer	C
Marks	1
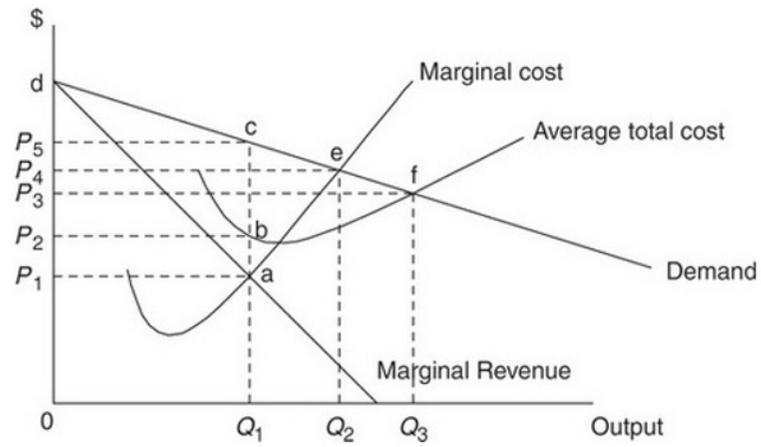
46	Question Description	Which of the following statements is not correct concerning the probability distribution of a continuous random variable?
	A	The vertical coordinate is the probability density function
	B	The range of the random variable is found on the x-axis
	C	The total area represented under the curve will equal 1
	D	The area under the curve between points a and b represents the probability that x = a
	E	None of the above
	Correct Answer	D
	Marks	1

47	Question Description	Suppose the money supply and price level are constant, and the demand for money is a function of income and the rate of interest. When the income level increases, there is
	A	An increase in the quantity of money demanded and an increase in the rate of interest
	B	An increase in the quantity of money demanded and a decrease in the rate of interest
	C	A decrease in the quantity of money demanded and a decrease in the rate of interest
	D	A decrease in the quantity of money demanded and an increase in the rate of interest
	E	None of the above
	Correct Answer	A
	Marks	1

48	Question Description	The simultaneous existence of unemployment and inflation in developing countries, according to Harrod-domar Model:
	A	Is a paradox; it is the outcome of an equality between the natural and warranted growth rates.
	B	Is not a paradox; it is the outcome of an inequality between the natural and warranted growth rates.
	C	Is a paradox; it is the outcome of an inequality between the natural and warranted growth rates.
	D	Is not a paradox; it is the outcome of an equality between the natural and warranted growth rates.
	E	None of the above
	Correct Answer	B
	Marks	1

49	**Question Description**	The following dotplot shows the speeds (in mph) of 100 fastballs thrown by a major league pitcher.
		Which of the following is the best estimate of the standard deviation of these speeds?
A		0.5 mph
B		1.1 mph
C		1.6 mph
D		2.2 mph
E		None of the above
Correct Answer		B
Marks		1
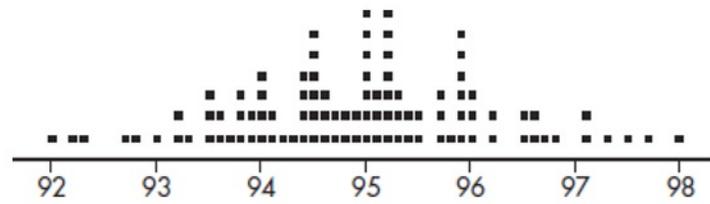
50	Question Description	Since the elimination of interest rates ceilings on deposits, the implicit interest rate on money more closely approaches bond rates. This suggests that changes in interest rates will
	A	Have a larger impact on money demand.
	B	Have a smaller impact on money demand.
	C	No longer affect the speculative demand for money.
	D	No longer affect the transactions demand for money.
	E	None of the above
	Correct Answer	B
	Marks	1

51	Comprehension	Read the passage and answer the questions below:
		We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil- all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.
	Question Description	Identify a word or phrase from the options given below which implies "being overcome with"
	A	reckoning
	B	magnitude
	C	intoxication
	D	luxurious
	E	None of the above
	Correct Answer	C
	Marks	1

52	Comprehension	Read the passage and answer the questions below: We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil-all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.
	Question Description	Identify from the options provided below, the expression used to convey the damage directly caused to nature and environment
	A	devastation
	B	waste heap
	C	beyond all reckoning
	D	junk pile
	E	None of the above
	Correct Answer	A
	Marks	1

53	Comprehension	Read the passage and answer the questions below:
		We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil- all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.
	Question Description	"To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap". This statement is an indictment of
	A	superfast computers
	B	insensitive consumerism
	C	natural resources
	D	junk pile or waste heap
	E	None of the above
	Correct Answer	B
	Marks	1

54	Comprehension	Read the passage and answer the questions below:
		We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil- all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.
	Question Description	From the phrases listed below, select the one which is used in the passage in a non-destructive sense by itself
	A	drain the rivers
	B	break mountains
	C	invent computers
	D	flood the valleys
	E	None of the above
	Correct Answer	C
	Marks	1

55	Comprehension	Read the passage and answer the questions below:
		We can break mountains apart; we can drain the rivers and flood the valleys. We can turn the most luxurious forests into throwaway paper products. We can tear apart the great grass cover of the western plains and pour toxic chemicals into the soil and pesticides onto the fields until the soil is dead and blown away in the wind. We can pollute air with acids, rivers with sewage, the sea with oil- all this with an intoxication with our power for devastation at an order of magnitude beyond all reckoning. We can invent computers capable of processing ten million calculations per second. And why? To increase the volume and speed with which we move natural resources through the consumer economy to the junk pile or waste heap.
	Question Description	Identify from the options given below, the one that indicates "harmful substances, used to protect food crops from destruction"
	A	toxic chemicals
	B	pesticides
	C	sewage
	D	acids
	E	None of the above
	Correct Answer	B
	Marks	1

56	Question Description	Ms. Medha Patkar is closely associated with the
	A	Tehri project
	B	Enron project
	C	Sardar Sarovar project
	D	Dabhol project
	E	None of the above
	Correct Answer	C
	Marks	1

57	Question Description	How many Lok Sabha seats belong to Rajasthan?
	A	32
	B	25
	C	30
	D	17
	E	None of the above
	Correct Answer	B
	Marks	1

58	Question Description	Which state defeated Maharashtra to win the Senior Women's 13th National Hockey Championship 2023?
	A	Uttar Pradesh
	B	Madhya Pradesh
	C	Himachal Pradesh
	D	Arunachal Pradesh
	E	None of the above
	Correct Answer	B
	Marks	1

59	Question Description	With the help of ISRO, in which city of Bhutan was the ground station of the India-Bhutan satellite established?
	A	Paro
	B	Punakha
	C	Thimphu
	D	Jakar
	E	None of the above
	Correct Answer	C
	Marks	1

60	Question Description	On which state highway was the world's first bamboo crash barrier installed?
	A	Rajasthan
	B	Assam
	C	Maharashtra
	D	Gujarat
	E	None of the above
	Correct Answer	C
	Marks	1

61	Question Description	When is World Unani Day observed every year?
	A	February 10
	B	February 11
	C	February 05
	D	February 08
	E	None of the above
	Correct Answer	B
	Marks	1

62	Question Description	Where is India's first Geological Park going to be built?
	A	Bhopal
	B	Shivpuri
	C	Sagar
	D	Jabalpur
	E	None of the above
	Correct Answer	D
	Marks	1

63	Question Description	What is the country of origin for ULTRASAT, the first telescope mission?
	A	Iran
	B	Iraq
	C	Israel
	D	India
	E	None of the above
	Correct Answer	C
	Marks	1

64	Question Description	Which countries lead the International Biofuels Alliance?
	A	India, Brazil, and the United States
	B	India, Germany, and France
	C	Brazil, UAE, Nepal
	D	USA, Bhutan, India
	E	None of the above
	Correct Answer	A
	Marks	1

65	Question Description	On which date is World Anthropology Day observed every year?
	A	February 16
	B	February 12
	C	February 14
	D	February 10
	E	None of the above
	Correct Answer	A
	Marks	1

66

Question Description	**Directions: Read the following information carefully and answer the questions given beside.** Certain number of persons (that does not exceed 15) are standing in a straight linear row facing towards the north. 5 persons stand between B and E, who is third to the left of A. U is to the right of A. Not more than 3 persons stand between U and T. B is third to the left of U. I is fifth to the right of T. 2 persons stand between E and F, who is sitting at the extreme left end of the row.. Three persons stand between A and L, who is towards the right of E. **What is the position of E with respect to L?**
A	4th to the left
B	7th to the left
C	6th to the right
D	5th to the left
E	None of the above
Correct Answer	B
Marks	1

67

Question Description	**Directions: Read the following information carefully and answer the questions given beside.** In a certain code language "hunger and poverty remain" is coded as "ner gup jil mub", "people count poverty records" is coded as "abc gup xyz def" , "count remain unchanged records" is coded as "buf ner def xyz", "people and poverty rate" is coded as "abc mub for gup". **What is the code for "poverty unchanged"?**
A	buf jil
B	buf ner
C	ner gup
D	gup buf
E	None of the above
Correct Answer	D
Marks	1

68 **Question Description**	Directions: Read the following information carefully and answer the questions given beside.

G is the mother of F, who is the spouse of D. M is the daughter of D, who is the only brother of C. E is the son of G, who is married to H. A is the niece of C, who has no sister and is unmarried. T is the father of D and has no daughter. V is the sister-in-law of F. G has only two children. M is the granddaughter of O.

How is F's mother-in-law related to T? |
A	Sister
B	Father
C	Wife
D	Brother
E	None of the above
Correct Answer	C
Marks	1

| 69 | Question Description | Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One word is given on another side of '::' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options.

pongee : Silk : : Shallot : ? |
|---|---|---|
| | A | Boat |
| | B | Building |
| | C | Ship |
| | D | Stream |
| | E | None of the above |
| | Correct Answer | A |
| | Marks | 1 |

| 70 | Question Description | Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One word is given on another side of '::' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options..

SHI : RIJ :: QJK : ? |
|---|---|---|
| | A | TDE |
| | B | PKL |
| | C | UGH |
| | D | VPQ |
| | E | None of the above |
| | Correct Answer | B |
| | Marks | 1 |

71

Question Description

Find missing numbers?

36	6	9	15
88	11	9	?
120	?	6	18

A

54,41

B

17,82

C

17,10

D

96,13

E

None of the above

Correct Answer

C

Marks

1

72	Question Description	Choose the pair that best represents a similar relationship to the one expressed in the original pair of words. DELTOID : MUSCLE
	A	radius : bone
	B	brain : nerve
	C	tissue : organ
	D	blood : vein
	E	None of the above
	Correct Answer	A
	Marks	1

73	Question Description	Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One part is given on another side of '::' while another part is to be found from the given options, having the same relation with this part as the parts of the given pair . Choose the correct part from the following options. 91 : ? : : 64 : 54
	A	63
	B	101
	C	32
	D	70
	E	None of the above
	Correct Answer	A
	Marks	1

Question Description	Directions: Read the following information carefully and answer the questions given beside.

In a city, SRK Mall was to the north-west of Cosmos Mall. Shanti Mall was in the east of SRK Mall which was towards the south of TDI Mall. Saket Mall was towards the south-west of Shanti Mall such that it was situated towards the east of Cosmos Mall. DB Mall was 20 km towards the north of Cosmos Mall, which was 4 times the distance between Cosmos Mall and Saket Mall. Rajan Mall was the mid point between SRK Mall and Shanti Mall and also Cosmos Mall and DB Mall.The distance between TDI Mall and SRK Mall was half of the distance between DB Mall and Rajan Mall.

If the straight distance between the SRK Mall and the Shanti Mall is 14 km, what total distance one needs to cover if one travels from SRK Mall to Saket Mall via Rajan Mall and Cosmos Mall? |
A	16km
B	20km
C	21km
D	22km
E	None of the above
Correct Answer	D
Marks	1

75 **Question Description**	Directions : Each of the following consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

A teacher wrote a meaningful English word on the black-board. Find the exactly middle letter of the 5 letter word?

Statement I : The first and last letter of the word is 'E'. The second and fourth letters of the word are consecutive letters in English alphabet series. R is adjacent to A.

Statement II : The first and last vowel is same. Only one letter is placed between A and E. S is written after R. The vowels are placed at odd numbered positions. |
A	If the data in statement I is sufficient to answer the question
B	If the data in statement II is sufficient to answer the question.
C	If the data in either statement I or statement II is sufficient to answer the question.
D	If the data in both statement I and statement II is necessary to answer the question.
E	None of the above
Correct Answer	C
Marks	1