# 087/2023

Maximum: 100 marks

Time: 1 hour and 30 minutes

- **1.** Of the following which is True?
  - (A) Given any one utility function, any monotonic transformation of it will represent different preferences
  - (B) Given any one utility function, any monotonic transformation of it will represent the same preferences
  - (C) Given any one utility function, any monotonic transformation of it will not represent the same preferences
  - (D) Given an array of utility functions any monotonic transformation will not in any way represent the same preferences
- **2.** Which of the following is True in the case of Bertrand Competition?
  - (A) Firms set their quantities and market determines the price
  - (B) Firms neither set their quantities nor the price
  - (C) Firms set their prices and market determines the quantity
  - (D) Firms either set their prices and or their quantities, but markets do not have any role
- **3.** The demand theory applicable to situations involving measurable risk has been developed by:
  - (A) Neumann-Morgenstern

(B) J R Hicks

(C) W.E. Armstrong

- (D) Prof. Samuelson
- 4. The following statements relate to the P.W.S Andrews' critique of the Chamberlin's model of Monopolistic Competition. Which of the following statements is/are Not True?
  - (i) Chamberlin's demand curve implies irrationality of consumer's preferences in the long run
  - (ii) Chamberlin's demand curve is applicable only for those rare cases where a firm sells directly to the final consumer, and this only in a short-run analysis.
  - (iii) Chamberlin's demand curve ignores the bulk of the final demand transactions carried out by retailers and wholesalers
  - (iv) The part of the demand for a product arising from retailers and wholesalers cannot give rise to a downward-falling demand curve.
    - (A) Only (iii) and (iv)

(B) Only (i), (ii) and (iii)

(C) Only (ii) and (iii)

(D) None of these

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**5**. Match list 1 with list 2 and select the correct answer using the codes given below the lists List 1 List 2 Linear Expenditure system (1) Chamberlin (a) (b) Marginalism B.P. Pashigian Small Group model (3) R. Stone (c) (d) Limit Price (4) F Mearchlup (a) (b) (c) (d) (A) 2 3 4 1 2 (B) 4 3 1 2 (C) 3 4 1 (D) 1 2 4 3 6. Consider the following examples: A case where senior citizens are offered a product at discounts (i) (ii) A case where prices are set by bargaining, as in antique markets (iii) A case where bulk discounts are available for large purchases If we arrange the above examples in the ascending order of Price discrimination say First Degree, Second Degree and Third Degree, which of the following sequences would be correct: (A) Only (iii)-First Degree, (ii)-Second Degree. (i)-Third Degree Only (ii)-First Degree. (i)-Second Degree, (iii)-Third Degree (C) Only (ii)-First Degree, (iii)-Second Degree, (i)-Third Degree Only (i)-First Degree, (ii)-Second Degree, (iii)-Third Degree 7. Which of the following is/are True? The risk-averse consumer has a concave utility function (ii) The risk-loving consumer has a concave utility function The risk-averse consumer has a convex utility function (iii) The risk-loving consumer has a convex utility function (iv) (v) The risk-neutral consumer has a linear utility function (A) Only (i), (iv) and (v) (B) Only (vi), (iii) and (v) Only (ii), (iii) and (v) (C) (D) Only (i),(ii), (iv) and (v) 4 087/2023 A

8.	Of the Duop		llowin	g state	ements	whic	th is/are not true	in the case of Stackelberg's model of	
	(i)			elberg' assum		l is r	not applicable in a	market in which the firms behave on	
	(ii)	If only one firm is sophisticated, market equilibrium will turn out to be unstable.							
	(iii)	If bo	If both firms are sophisticated, the situation may lead to Stackleberg's disequilibrium.						
	(iv)	Coll		agreen	nent ma	ay ta	ke the duopolists t	to a point off the Edgeworth Contract	
		(A)	Only	(i), (iv)	)		(B)	Only (ii), (iv)	
		(C)	Only	(ii), (ii	i)		(D)	Only (i),(iii) (iv)	
9.	Whic	ch of t	the foll	lowing	is/are T	True i	n the case of 'produ	ct exhaustion' theorems?	
	(i)				does r to scale		ld good in the case	es where production functions exhibit	
	(ii)	_	er's Th ogeneo		holds	good	d in cases where	the productions functions are linear	
	(iii)		Clark, Wicksteed and Walras show that for the fulfilment of the postulates of marginal productivity theory the assumption of homogenous production function is necessary.						
	(iv)	Clar		eksteed	and W	alras	argument in the a	bove case is applicable only in the long	
		(A)	Only	(i) and	l (iv)		(B)	Only (ii) and (iii)	
		(C)	Only	(ii) an	d (iv)		(D)	Only (iii) and (iv)	
10.	Mato	ch list		h list 2 ist 1	and se	lect t	he correct answer u List 2	sing the codes given below the lists	
	(a)	Sign	nalling	g Equil	ibrium	(1)	Hidden Informatio	on	
	(b)	Mon	ral Haz	zard		(2)	Separating Equilib	orium	
	(c)	Adv	erse S	electio	n	(3)	Educational Signa	lling	
	(d)	She	epskir	n Effect	t	(4)	Hidden Action Pro	blem	
			(a)	(b)	(c)	(d)			
		(A)	4	2	3	1			
		(B)	3	1	4	2			
		(C)	1	2	3	4			
		(D)	2	4	1	3			
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11.	The	equili	brium is said to be unstable v	when :							
		(A)	The demand function cuts the	ne supply funct	cion from below						
		(B)	B) The demand function cuts the supply function from above								
		(C)	Both (A) and (B)								
		(D)	Neither (A) nor (B)								
12.	Mar	ginal	Conditions of Pareto Optimal	ity or Pareto E	fficiency are :						
	(i)	Effic	cient combination of Products								
	(ii)	Effic	ient allocation of Resources a	mong firms							
	(iii)	Effic	ient distribution of commodit	ies between co	nsumers.						
		(A)	Only (i) and (ii)	(B)	Only (ii) and (iii)						
		(C)	Only (i) and (iii)	(D)	All the above (i), (ii) and (iii)						
13.	Aver	age C	Cost-Pricing models have been	developed by:							
	(i)	P.W.	S Andrews								
	(ii)	R. B	arback								
	(iii)	H.R.	Edwards								
	(iv)	R. H	all and C. Hitch								
		(A)	Only (ii), (iii) and (iv)	(B)	Only (i) and (iv)						
		(C)	Only (i), (iii) and (iv)	(D)	All the above (i), (ii), (iii) and (iv)						
14.	Base	ed on t	the data given below, estimat	e the desired p	rice using 'Mark-Up' Rule:						
	(i)	Tota	l Fixed Cost: \$ 100								
	(ii)	Aver	rage Variable Cost: \$30								
	(iii)	Net	Profit Margin: \$10								
	(iv)	Pani	ned Output: 20								
		(A)	\$ 35	(B)	\$ 45						
		(C)	\$ 25	(D)	\$ 40						
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- **15.** In Sylos's model the determinants of the entry-preventing Price are:
  - (i) The prices of factors of production, which, together with the technology, determine the total average cost of the firms.
  - (ii) The role of government, subsidies and indirect taxes
  - (iii) The elasticity of market demand
  - (iv) The absolute size of the market
    - (A) Only (i), (ii) and (iii)

(B) Only (i), (iii) and (iv)

(C) Only (ii), (iii) and (iv)

- (D) All the above (i), (ii), (iii) and (iv)
- **16.** In Baumol's theory of Sales Revenue Maximization (a single product model without advertising), the imposition of a lump-sum tax will:
  - (A) Shift the total profit curve downwards and given the profit constraint, the firm will be led to cut its output and increase price
  - (B) Shift the total profit curve upwards and, given the profit constraint, the firm will be led to cut its output and increase price
  - (C) Leave the total profit curve unchanged if other things remain unchanged
  - (D) Shill the total profit curve upwards and, given the profit constraint, the fill will be led not to change its output and price
- 17. Which of the following is/are true in the case of Marris's Model of the Managerial Enterprise?
  - (i) Firm grows only by diversification. Growth by merger or take-over is excluded from this model.
  - (ii) The rate of growth of capital is determined by the average rate of profit and the diversification rate.
  - (iii) The rate of growth demand for the products of the firm depends on the diversification rate and the percentage of successful new products.
  - (iv) The managers aim the maximization of their own utility.
    - (A) Only (i), (ii) and (iv)

(B) Only (ii), (iii) and (iv)

(C) Only (i), (iii), (iv)

- (D) All the above (i), (ii), (iii) and (iv)
- 18. In O. Williamson's Model of Managerial Discretion, the managerial indifference curve shows:
  - (A) Various combinations of staff expenditure and discretionary profit which give the same satisfaction to the managers
  - (B) Various combinations revenue and output that yield same level of satisfaction to the managers
  - (C) Various combinations of staff expenditure and output that yield same level of managerial satisfaction
  - (D) Various combinations of capital expenditure and revenue that which given the same level of profit.

19.		The contradictory and inconsistent results of Kaldor-Hicks criterion in welfare economics was firstly pointed out by:									
		(A)	William J Baumol	(B)	J.R. Hicks						
		(C)	K. J. Arrow	(D)	Scitovsky						
20.	Whic	ch are	the features of the Bergson-Sa	amuelson socia	al welfare function?						
	(i)	It is based on explicit value judgement and involves interpersonal comparisons of utility in cardinal terms									
	(ii)		-	-	ution (when used along with Pareto ficiency with distributive justice.						
	(iii)	The maximization technique is used to obtain the maximum social welfare function at which allocation of resources is Pareto optimum.									
	(iv)		based on explicit value judg ty in ordinal terms.	gements and	involves interpersonal comparisons of						
		(A)	Only (i), (ii), (iii)	(B)	Only (i), (ii), (iv)						
		(C)	Only (ii), (iii) and (iv)	(D)	Only (i), (iii), (iv)						
21.	Whic	Which of the following statements is/are true in the case of ISLM Keynesian analysis?									
	(i)		Current Account is equal to zerease in autonomous exports.	ro line (CA = (	line) will shift to right when there is a						
	(ii)	The Current Account is equal to zero line (CA = 0 line) will shift to right when there is an increase in autonomous exports.									
	(iii)	If the Marshall-Lerner condition holds, then a devaluation will shift the CA = 0 line to the right.									
	(iv)										
		(A)	Only (i) and (iv)	(B)	Only (ii) and (iii)						
		(C)	Only (i), (ii) and (iii)	(D)	Only (ii), (iii) and (iv)						
22.	The	terms	'outside' and 'inside' money we	ere introduced	by:						
		(A)	Gurley and Shaw	(B)	A.C. Pigou						
		(C)	Irvin Fischer	(D)	Metzler						
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23.	Whi	ch of t	the following is/are True in th	e case of demar	nd for money?						
	(i)	The demand for money is interest inelastic									
	(ii)	The	The demand for money is Income elastic.								
	(iii)	The	demand for money is interest	elastic.							
	(iv)	The	demand for money varies ind	irectly with inc	ome and directly with interest rate.						
	(v)	The	ne and indirectly with interest rate.								
		(A)	Only (i), (iii) and (iv)	(B)	Only (ii), (iv) and (v)						
		(C)	Only (i), (ii), (iv) and (v)	(D)	Only (ii), (iii) and (v)						
24.			ertemporal choice of consum s' wealth is:	ption that orig	inated in the work of Irvin Fisher, the						
		(A)	Nothing but the current or a	absolute income	that they receive						
		(B) The present value of future income from physical and financial sources									
		(C) The present value of future income from Human resources									
		(D)	The present value of future	income from bo	th human and non-human resources						
<b>25.</b>	Trar	nsitory	y Positive income arises when	ι:							
		(A)	Permanent Income exceeds	Measured Inco	me						
		(B)	Measured Income exceeds P	ermanent Inco	ne						
		(C)	(C) Income from Human resources exceeds Income from Non-human resources								
		(D)	Income from Non-Human re	esources exceeds	s income from Human Resources						
26.	The	size o	f fiscal policy multiplier will l	oe larger if :							
	(i)	(i) Less interest elastic is the demand for money									
	(ii)	More	e interest elastic is the demar	nd for money							
	(iii)	Less	Interest elastic is the deman	d for investmer	nt goods						
	(iv)	More	e interest elastic is the demar	nd for investme	nt goods						
		(A)	Only (ii) and (iii)	(B)	Only (i) and (iv)						
		(C)	Only (ii) and (iv)	(D)	Only (iii) and (iv)						
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- 27. Which of the following statements is/are correct in the case of an Open-economy Keynesian model under a fixed exchange rate system?(i) In this model, the government does not allow money supply to adjust to the demand for money as money supply is exogenously determined.(ii) In this model, the government allows the money supply to adjust to the demand for money.
  - (iii) Any change in exports will shift the IS curve leading to an increase in income only if interest rate remains unchanged.
  - (iv) Any change in exports will cause income to rise if interest rate varies in accordance with the movement in other variables.
    - (A) Only (i) and (iv)(B) Only (iii) and (iv)(C) Only (ii) and (iii)(D) Only (i) and (iii)
- **28.** An increase in net wealth due only to a net increase in the real value of the money supply is known as:
  - (A) Wealth Effect(B) Keynes' Effect(C) Real Balance Effect(D) None of these
- **29.** Which of the following is/are True in the case of Balance of official Financing (BOF) = 0 in an Open Economy Model:
  - (i) For BOF = 0 to prevail Marshall Lerner condition should hold good and domestic prices do adjust completely to a change in the exchange rate.
  - (ii) A depreciation (appreciation) of the domestic currency will shift the BOF = 0 function to the right (left).
  - (iii) For BOF = 0 to prevail, Marshall Lerner condition should hold good and domestic prices do not adjust completely to a change in the exchange rate.
  - (iv) An appreciation (depreciation) of the domestic currency will shift the BOF = 0 function to left (right)
    - (A) Only (iii) and (iv)(B) Only (i) and (ii)(C) Only (ii) and (iii)(D) Only (ii) and (iv)
- **30.** Real interest rate is:
  - (A) Nominal interest rate divided by rate of Inflation
  - (B) Nominal interest rate minus the rate of inflation
  - (C) Nominal interest rate plus the rate of inflation
  - (D) Nominal interest rate multiplied by the rate of inflation

31.	Adaptive	Expectation	concludes	that:
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- (i) There is long-run trade-off between unemployment and a steady rate of inflation
- (ii) A short-run trade-off does not exist as unemployment falls when inflation accelerates
- (iii) There is no long-run trade-off between unemployment and a steady rate of inflation
- (iv) A short-run trade-off exists as unemployment falls when inflation accelerates
  - (A) Only (iii) and (iv)

(B) Only (ii) and (iii)

(C) Only (ii),(iii) and (iv)

(D) Only (i) and (ii)

### **32.** In the explanation of Dual Decision Hypothesis:

- (i) The income is considered as an endogenous variable and the household's notional consumption function is a function of the real wage rate.
- (ii) The optimal choice will occur at the consumption level and labour hours for which the marginal rate of substitution of consumption for leisure equals the nominal wage rate
- (iii) The income is considered as an exogenous variable and the household's notional consumption function is a function of the real wage rate.
- (iv) The optimal choice will occur at the consumption level and labour hours for which the marginal rate of substitution of consumption for leisure equals the real wage rate.
  - (A) Only (ii) and (iv)

(B) Only (i) and (iv)

(C) Only (ii) and (iii)

(D) Only (iii) and (iv)

### **33.** Repressed Inflation in Labour Market is a case where:

- (A) Money wage rate rises in response to excess demand for labour
- (B) Money wage does fall in response to excess demand for labour
- (C) Money wage does not rise in response to excess demand for labour
- (D) None of these

#### **34.** In Lucas Labour supply function, the supply of labour in the current period is a function of:

- (A) The ratio of real wage rate in the long run to normal expected wage rate.
- (B) The ratio of money wage rate in the short run to the supply of labour in the long run.
- (C) The ratio of real wage rate in the current period to the supply of labour in the long run.
- (D) The ratio of real wage rate in the current period to the normal expected real wage rate.

- **35.** Laffer Curve suggests that:
  - (A) Raising tax rate always increases revenue, and hence tax rate has no disincentive effect
  - (B) Raising tax rate up to a limit increases revenue, but beyond a limit it decreases tax revenue.
  - (C) Raising rate always decreases tax revenue.
  - (D) Raising tax rate up to a limit increases revenue, but beyond a limit it leaves tax revenue unchanged.
- **36.** The most distinguishing feature of Kaldor's approach to Modern Trade Cycle theory is:
  - (A) The role of variation in the flows of money in determining trade cycle
  - (B) The role of oscillations in consumption in the determination of trade cycle
  - (C) The use of non-linear investment function in the explanation of trade cycle
  - (D) None of these
- **37.** Of the following, which is/are True in the case both monetary and fiscal policy:
  - (i) Fiscal policy is highly effective under fixed exchange rates with complete capital mobility.
  - (ii) Monetary Policy is highly effective under floating exchange rates.
  - (iii) Fiscal Policy is highly effective under floating exchange rate with complete capital mobility.
  - (iv) Monetary Policy is highly effective under floating exchange rates.
    - (A) Only (i) and (iv)

(B) Only (ii) and (iii)

(C) Only (ii) and (iv)

- (D) Only (i) and (ii)
- **38.** Which of the following is/are True in the case of Behavioural Model of Money Supply Determination?
  - (i) The Banking industry's marginal cost curve rises because of the higher interest rate needed to lower the non-bank public's currency-deposit ratio.
  - (ii) The avenge revenue from bank deposit creation increases for the banking industry as a whole as deposits are expanded.
  - (iii) A competitive banking industry will expand deposits up to the level at which average revenue equal the marginal cost.
  - (iv) A profit-maximising monopoly banking industry will equate marginal revenue with marginal costs and will charge lower loan rate and provide a higher deposit rate than would a competitive banking industry.
    - (A) Only (i) and (iii)

(B) Only (i) and (iv)

(C) Only (ii) and (iii)

(D) Only (iii) and (iv)

39.	The	theor	retical significance of the Pigou effect i	is that:							
		(A)	(A) It ensures that a model in which the price level is fixed and money wage rate is flexible will have a static equilibrium market-clearing solution.								
		(B)	B) It ensures that a model in which both the price level and money wage rate are fixed will have a static equilibrium market-clearing solution.								
		(C) It ensures that a model in which both the price level and money wage rate a flexible will have a static equilibrium market-clearing solution.									
		(D)	It ensures that a model in which the fixed will have a static equilibrium	-	level is flexible and money wage rate is clearing solution						
40.			gh powered money (H) rises at the r is 3, what would be the rate of total i		of 8 percent and the value of money supply growth?						
		(A)	5 percent	(B)	24 percent						
		(C)	10 percent	(D)	15 percent						
41.	Which of the following statement is/are correct about National Education policy 2020?										
	(i)	(i) NEP recommended for setting up National Research Foundation									
	(ii)	(ii) Curricular framework will be 5+3+3+2 system									
	(iii)	It ai	ms to increase GER in higher educati	on to 50	0%						
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)						
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)						
42.	Which of the following statement is/are correct about Special Economic Zones (SEZs)?										
	(i)	It pi	romotes exports of goods and services								
	(ii)										
	(iii)	All l	aws of India are applicable in SEZs								
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)						
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)						
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<ul> <li>(i) The target of FRBM Act is to limit fiscal deficit up to 3.5% of GDP by 31st March</li> <li>(ii) The fiscal deficit fort the year 2022-23 is estimated at 6.4%</li> </ul>												
	(iii)	P by 2025-26										
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)							
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)							
44.	Whi	Which of the following notation is/are correct in regression formula $Y=a+bX$										
	(i)	Y =	Dependent variable									
	(ii)	a = s	slope co-efficient									
	(iii)	b = i	intercept									
	(iv)	X =	Independent variable									
		(A)	Only (i) (ii) and (iv)	(B)	Only (i) (iii) and (iv)							
		(C)	All of the above (i), (ii) (iii) and (iv)	(D)	Only (i) and (iv)							
<b>45.</b>	Whi	Which of the following statement is/are correct about measures of central tendency?										
	(i)	Median is a positional average										
	(ii)	Arit	hmetic mean is affected by extreme va	lues								
	(iii)	Mod	le is used for the measurement of quali	tative	variables							
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)							
		(C)	Only (i)	(D)	All of the above (i), (ii) and (iii)							
46.	Gra	meen	Bhandaran Yojana confined to									
		(A)	Construction, renovation and expans	ion of	rural water bodies							
		(B) Construction, renovation and expansion of rural go downs										
		(C)	Construction, renovation and expans	ion of	rural roads							
		(D)	Construction, renovation and expans	ion of	agricultural co-operatives							

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**43.** Which of the following statement is/are correct about Fiscal deficit of India?

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		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)		
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)		
	(iii)	_	roposed to remove the limits of asse ertakings	ts fixe	d for MRTP companies and dominant		
	(ii)						
	(i)	•	ovides approval for up to 51% foreign	equity	in high priority industries		
50.					•		
50.	Whi	ch of t	the following statement is/are correct :	ahout I	Industrial Policy of 1991?		
		(D)	The value of correlation coefficient ra	anges f	rom −1 to 1		
		(C)	A measure of correlation is Karl Pear				
		(B)	Two independent variables are uncor	relate	d		
		(A)	If the change in one variable affects correlated	a cha	nge in other variable, the variables are		
49.	Fron	n the	following statements about correlation	n, choo	se the statement which is not correct		
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i), (ii)		
		(A)	Only (i)	(B)	Only (iii)		
	(iii)	It is	determined in the foreign exchange m	arket			
	(ii)	An a		ıakes i	ts exports more expensive and imports		
	, ,	expe	nsive				
	(i)				ts imports cheaper and export more		
48.	Whi	ch of t	the following statement is/are not corr	ect abo	out Exchange Rate?		
		(D)	International price movements				
		(C)	Public sector oil marketing companie	es			
		(B)	Private Sector oil marketing compan	ies			
		(A)	Public and Private sector oil marketi	ng con	npanies		
<b>47.</b>	Petr	oleum	product pricing in India is determine	d by			

<b>51.</b>		Which of the following statement is/are not come under the recommendations of $15^{\rm th}$ Finance Commission?									
	(i)	Aggregate share of net proceeds of union taxes to be devolved to states is 42%									
	(ii)	The	weight given to area of states is 15%								
	(iii)	The	weight given to income of states is 4	5%							
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)						
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)						
<b>52</b> .	Which of the following demographic features of Kerala is/are correct?										
	(i)	(i) Among the districts of the state Malappuram has the highest growth of population									
	(ii)	The	most densely populated district is Th	hiruvana	anthapuram						
	(iii)	i) The least densely populated district is Idukki									
		(A)	Only (ii) and (iii)								
		(B)	Only (i) and (ii)								
		(C)	All of the above (i), (ii) and (iii)								
		(D)	Only (i) and (iii)								
53.	Which of the following statement is/are correct about India's energy sector?										
	(i)										
	(ii)	India's power system is shifting to higher shares of renewable energy									
	(iii)	Indi	a is the third largest consumer of oil								
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)						
		(C)	All of the above (i) (ii) and (iii)	(D)	Only (i) and (iii)						
54.			ng practice which uses diversificat d production types	tion at	the farm and landscape level using						
		(A)	Collective farming	(B)	Agroecology						
		(C)	Organic farming	(D)	Green house farming						
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<b>55.</b>		Which of the following statement is a centrally sponsored scheme of Government of India aunched as recommended by National Health Policy, 2017?								
		(A)								
		(C)	Central Government Health Scheme							
		(D)	Pradhan Mantri Swasthya Suraksha	Yojan	a					
<b>56.</b>	Whi	ich of	the following statement is/are correct a	about 1	Minimum Support policy?					
	(i)	In ensures farmers against sharp fall in farm prices								
	(ii)	It improves economic access to food for people								
	(iii)	It is	announced by State governments							
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)					
		(C)	All of the above (i, ii and iii)	(D)	Only (i) and (iii)					
<b>57.</b>	Whi	Which of the following features of Agricultural sector of Kerala is/are correct?								
	(i)	Coconut occupied the major area followed by rice								
	(ii)	Agricultural sector is the primary source of livelihood for a majority of population								
	(iii)	Grov	wth rate of Agriculture is greater than	all Ind	lia average					
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)					
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)					
<b>58.</b>	Self-	Relia	nt India (SRI) is a scheme relating to							
		(A)	Farmer support programme							
		(B)	Credit guarantee scheme for self help	group	98					
		(C)	Investment support of start-ups							
		(D)	Credit support scheme of MSMEs							

(ii) Export (iii) Krishi  (A) O  (C) A  60. Which of the  (i) India h  (ii) TRIPS admini  (iii) Bajend  (A) O	st Equalization Scheme Credit Guarantee									
(iii) Krishi  (A) O  (C) A  60. Which of the  (i) India h  (ii) TRIPS  admini  (iii) Bajend  (A) O										
(A) O (C) A  60. Which of the (i) India h (ii) TRIPS admini (iii) Bajend (A) O	III 0 1									
(C) A  60. Which of the  (i) India h  (ii) TRIPS  admini  (iii) Bajend  (A) O	Udan Scheme									
60. Which of the  (i) India h  (ii) TRIPS  admini  (iii) Bajend  (A) O	Only (i)	(B)	Only (i) and (ii)							
(i) India h (ii) TRIPS admini (iii) Bajend (A) O	all of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)							
(ii) TRIPS admini (iii) Bajend (A) O	e following statement is/are corre	ect about V	World Trade Organization?							
admini (iii) Bajend (A) O	nas been a WTO member since 1	January 1	1995							
(A) O	TRIPS (Trade-Related Aspects of Intellectual Property Rights) agreement is administered by WTO									
• •	ii) Bajendra Navnit is India's permanent representative to WTO									
• •	Only (i)	(B)	Only (i) and (ii)							
	all of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)							
<b>61.</b> Two matrice	Two matrices A and B are multiplied to get AB if									
(A) B	Soth are rectangular									
(B) B	oth have same order									
(C) N	Number of columns of A is equal	to column	of B							
(D) N	(D) Number of rows of A is equal to number of columns of B									
<b>62.</b> Which of the	Which of the following statement about Linear Programming Problem is/are correct?									
	In a LPP the limitation under which the objective function is to be optimized are called constraints									
	The linear relation of the variables which are either to be maximized or minimized called the objective function									
(iii) The va	riables used in the objective fund	ction are c	ealled decision variables							
(A) O	Only (ii) and (iii)	(B)	Only (i) and (ii)							
(C) A	all of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)							

- **63.** Which of the following statement about ANOVA is/are correct?
  - (i) ANOVA is a statistical method of comparing means of several populations
  - (ii) One-way ANOVA is used to determine the significant difference between means of three or more independent groups
  - (iii) Two-way ANOVA examines the influence of two different categorical variables
    - (A) Only (ii) and (iii)
    - (B) Only (i) and (ii)
    - (C) All of the above (i), (ii) and (iii)
    - (D) Only (i) and (iii)
- **64.** Which of the following statements is/are correct about Crypto currencies in India?
  - (i) Crypto assets are new forms of digital assets implemented using cryptographic techniques
  - (ii) Monitoring and regulating crypto currencies have been tricky
  - (iii) There is no crypto exchange in India
    - (A) Only (ii) and (iii)
    - (B) Only (i) and (ii)
    - (C) All of the above (i), (ii) and (iii)
    - (D) Only (i) and (iii)
- **65.** Which of the following statement is/are correct about GST in India?
  - (i) Liability to pay tax arises only when the taxable person crosses the exemption threshold
  - (ii) 51% equity of GSTN is undertaken by government owned financial institutions
  - (iii) The chairman of GST council is Union Finance Minister
    - (A) Only (ii) and (iii)
    - (B) Only (i) and (ii)
    - (C) All of the above (i), (ii) and (iii)
    - (D) Only (i) and (iii)

	(i)	FIIs	are allowed to invest in primary and	second	ary capital markets in India				
	(ii)	The ceiling on investment for FIIs is 24% of the paid-up capital of the Indian company							
	(iii)	FIIs	invest through portfolio investment s	cheme					
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)				
		(C)	All of the above (i), (ii) and (iii)	(D)	Only (i) and (iii)				
67.	Cho	ose th	e correct answer about Standard Erro	r					
		(A)	It is the standard deviation of the po	pulatio	on				
		(B)	It is the standard deviation of the sa	mpling	distribution				
		(C)	Mean of the sampling error						
		(D)	Mean error of the population						
68.	Whi	ch of	the following statement about Chi-squ	are Te	st is/are correct?				
	(i)	It is	a non-parametric test						
	(ii)	The	sample observations should not be In-	depend	ent				
	(iii)	It is	applicable for large values of n						
		(A)	Only (ii) and (iii)						
		(B)	Only (i) and (ii)						
		(C)	All of the above (i), (ii) and (iii)						
		(D)	Only (i) and (iii)						
69.	In p	robab	ility theory, two events are said to be	mutual	lly exclusive				
		(A)	If the probability of occurrence of a another event B	n even	t A is not affected by the occurrence of				
		(B)	If they cannot occur at the same tim	e or sin	nultaneously				
		(C)	If events that have the same likeliho	od of o	ccurring				
		(D)	If one of the events will definitely oc	cur wh	enever the experiment is performed				

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 $\mathbf{A}$ 

Which of the following statement about Foreign Institutional Investors is/are correct?

**66.** 

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- **70.** Which of the following statement about normal distribution is not correct?
  - (A) It is applied for discrete and random variables
  - (B) The normal curve is bell shaped
  - (C) It is symmetric about its mean
  - (D) For a standard normal variat the value of mean is zero
- 71. The main purpose of student Centric teaching is
  - (A) To develop the learner's skills and abilities independently
  - (B) To acquaint the teacher with different modes of teaching
  - (C) To make teaching more flexible
  - (D) To impart factual information related to different topics
- **72.** Choose the correct statement/statements
  - (i) Formative evaluation is done with the purpose of monitor student's learning in regular basis
  - (ii) Summative evaluation helps to identify and overcome learning deficiencies in knowledge, skills and abilities of the learner
  - (iii) Terminal examinations are examples of summative evaluation
  - (iv) Cumulative assessments done for the purpose of selection and promotion are examples of formative evaluation
    - (A) Only (i) and (ii)

(B) Only (ii) and (iv)

(C) Only (i) and (iii)

- (D) Only (iii) and (iv)
- **73.** Audio visual aids helps to achieve desired learning objectives, the main barriers of using them effectively in the classroom are
  - (A) Lack of proper training and knowledge of teachers in using Audio visual aids
  - (B) Lack of time and facilities in classrooms
  - (C) Failure of electricity
  - (D) All of the above

74.	Iden	tify tl	factors affecting teaching in a democratic classroom							
	(i)	i) Subject competency of the teacher in presenting the content								
	(ii)	Immediate feedback and reinforcement								
	(iii) Provision for Open discussions and opportunities for expressing views indepet the learner									
	(iv) Creatively engage students in activities that are of the students' choice									
		(A)	Only (i) and (ii)							
		(B)	3) Only (iii) and (iv)							
		(C)	C) Only (ii) and (iv)							
		(D) Only (i) and (iii)								
<b>75.</b>	Whi	Which statement is correct with regard to the emotional characteristics of the learner?								
		(A) Learner work with peer members as a group or team with increased enthu								
		(B) Learner respect individual differences that are reflected in peer group								
		(C) Direct their own learning based on their learning objectives								
	(D) Learner acquires the ability to transfer or apply knowledge or skills le one context to a new different context.									
76.	Phile	osoph	ical principles of researches i	n science includ	e					
	(i)	Findings of the research to be generalized								
	(ii)	Findings of the research to be replicable								
	(iii)	Research findings contribute to knowledge level								
	(iv)	All	of these							
		(A)	Only (i)	(B)	Only (ii) and (iii)					
		(C)	Only (iv)	(D)	Only (iii)					
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		(C)	Median	(D)	Correlation			
		(A)	Standard deviation	(B)	T score			
80.			igator can analyse data to find wo or more variables using	out the str	ength and direction of the association			
		(C)	Workshop	(D)	Seminar			
		(A)	Symposium	(B)	Brainstorming			
79.			mic meeting in which the particip ion about the relevant topics is ca		so expected to participate and engaging			
		(D)	Ethnographic research					
		(C)	Action research					
		(B)	Applied research					
		(A)	Fundamental research					
78.			to conduct research on 'enhan or can adopt	cing motive	ation of undergraduate students', the			
		(D)	Only (iv)					
		(C)	Only (i)					
		(A) (B)	Only (iii) and (iv)					
	` ,	(A)	Only (i) and (ii)	·				
	(iv)							
	(iii)		empirical observation					
	(ii)	Ensure Validity of the data						
	(1)	LICO	annronriate and friigt worthy do	ra				

77. Identify the statement which negatively affect while interpreting research data

81.	In Iı	In India, both houses of Parliament collectively enjoy privileges such as								
	(i) (ii)	Right of publication and prohibition of publication of proceedings.  Right to exclude strangers to ensure privacy								
	(iii)	Righ	nt to punish for contempt							
	(iv)									
		(A)	(i) and (iv) only	(B)		(i), (iii) and (iv) only				
		(C)	(iii) and (iv) only	(D)		All the Above				
82.			ional Commission to Revi sion of the following fundar	_	of	the Constitution (2000) recommended				
	(i)	Free	edom of the Press and free	dom of Informatio	n					
	(ii)	Righ	nt against torture and crue	el, in human or de	gı	rading treatment or punishment				
	(iii)	Right to work								
	(iv)	Right to privacy								
		(A)	All the Above							
		(B)	(i), (ii) and (iii) only							
		(C)	(ii), (iii) and (iv) only							
		(D)	(iii) and (iv) only							
83.	Iden	tify t	he non-federal features of	Indian Constitutio	or	n from the following.				
	(i)	Dual Polity, Integrated Judiciary, Rigidity, Separation of powers								
	(ii)	Written Constitution, Independent Judiciary, Division of Powers, Bicameralism								
	(iii)	Single Citizenship, Integrated Judiciary, A Strong Central Government, Single Constitution for Union and States								
	(iv)	v) Supremacy of the Constitution, Single Citizenship, Division of Powers, inc Judiciary.								
		(A)	(i) only	(B)		(i) and (ii) only				
		(C)	(iii) only	(D)		(iii) and (iv) only				

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		(D)	Gyan Ganga					
		(C)	Nirmal Ganga					
		(B)	National Mission for Clean Ganga					
		(A)	The Namami Ganga Mission					
87.			l agency and Authority established in under Environment Protection Act	•	ct, conserve and rejuvenate the Ganga			
		(C)	(i), (ii) and (iii)	(D)	None of the Above			
		(A)	(i) and (ii) only	(B)	(ii) and (iii) only			
	(iii)	Rece	vived in confidence from foreign gover	rnments				
	(ii)		disclosure of which would cause a	a breac	h of privilege of parliament or state			
	(i)	Disc	losure of which prejudicially affect th	e sovere	eignty and integrity of the country			
86.	The	Publi	c Information Officer can deny inform	nation:				
		(C)	Article 46	(D)	Article 47			
		(A)	Article 44	(B)	Article 45			
85.	$86^{ m th}$	Const	citutional Amendment (2002) change	d the co	ntent and scope of			
		(C)	(ii), (iii) and (iv) only	(D)	All the above			
		(A)	(i) and (ii) only	(B)	(i), (ii) and (iv) only			
	(iv)	ment Universities						
	(iii)	Elec	ted representatives, Judges, Judicial	officers	, Bureaucrats			
	(ii)	ii) Government and Legislature of states						
	(i)	Gove	Government and Parliament of India					

84. Article 12 of the Constitution of India define state as

88.	Which of the following statement(s) is/are correct with regard to the Open Market Sales Scheme (Domestic) of Food Corporation of India?					
	(i)	Retail sale of excess stocks of food grains in open market at reserved price				
	Special supply of food grains to charitable and non-governmental organisations					
(iii) Supply of food grains for running community kitchens						
		(A) (i) and (ii) only				

(B) (i) and (iii) only(C) (ii) and (iii) only

(D) All the Above

**89.** A child enrolled in health insurance under Ayushman Bharat Scheme get a coverage of Rs.

(A) 3.5 Lakhs

(B) 4 Lakhs

(C) 5 Lakhs

(D) 6 Lakhs

**90.** The Syama Prasad Mukherji Urban Mission (SPMRM) of Ministry of Rural Development aims at

(i) Development of cluster of villages that preserve and nurture community life with equity and inclusiveness

(ii) Bridging the rural-urban divide

(iii) Stimulating local economic development

(iv) Attracting investments in rural areas

(A) (i) and (ii) only

(B) (i), (ii) and (iii) only

(C) (ii), (iii) and (iv) only

(D) All the Above

## **91.** Considering the table:

List 1 List 2

- (a) Benjamin Bailey (1) Salvation Army
- (b) Rev.Mead (2) B E M
- (c) Ringeltaube (3) L M S
- (d) Herman Gundertt (4) CMS

Identify and match the above

- (a) (b) (c) (d)
- (A) 4 1 3 2
- (B) 2 3 4 1
- (C) 3 2 1 4
- (D) 1 4 2 3

### 92. Select the statement(s) suited for Yogakshema Sabha

- (i) The Yogakshema Sabha was started among the Namboothiris in 1908
- (ii) The Sabha tried to abolish purdha system among the Namboothiri females
- (iii) The slogan of the Yogakshema Sabha was "Make Namboothiri a human being"
- (iv) In 1944, the annual meeting of the sabha held at Edakkunni a resolution for widow marriage was introduced
  - (A) All of the above
  - (B) (i), (ii) and (iii) only
  - (C) (ii), (iii) and (iv) only
  - (D) (i) and (iii) only

93.	Which o	of the	following	statement	regarding	Swadeshabhimani	Ramakrishna	Pillai	is/are
	correct?								

(i) Ramakrishna Pillai adopted journalism as his profession on 14<sup>th</sup> September, 1899, assuming charge as Editor of the *Kerala Darpanam*.

(ii) On 22<sup>nd</sup> April, 1901, he became the Editor of *Kerala Panchika* and in August 1903, of the *Malayali* 

(iii) In 1904, he started a new publication named *Swadheshabhimani* to criticise the Government's policy

(iv) On 26<sup>th</sup> September 1910, by a Royal Proclamation, the *Swadheshabhimani* Ramakrishna Pillai was suppressed, its Editor banished from the state and the press confiscated to the Government

(A) All of the above

(B) (ii) and (iii) only

(C) (i), (ii) and (iv) only

(D) (i), (iii) and (iv) only

**94.** What is correct chronological order of the following events?

(i) Vaikom Satyagraha

(ii) Malayali Memorial

(iii) Channar Agitation

(iv) Temple Entry Proclamation

(A) (i), (ii), (iii), (iv)

(B) (iii), (ii), (i), (iv)

(C) (ii), (iv), (iii), (i)

(D) (i), (iii), (iv), (ii)

95. Which of the following statement is/are correct about Library movement in kerala?

(i) The library movement in Kerala began in the early part of the 19<sup>th</sup> century.

(ii) The library movement in Travancore came to be organised as a popular and democratic movement.

(iii) The Ernakulam public library was formally opened by the then Diwan T. Sankunny Menon.

(iv) The Kerala Library Council set up under the provisions of Kerala Public Libraries Act, 1969 exercises control over the affairs.

(A) (i), (ii) and (iii) only

(B) (i), (iii) and (iv) only

(C) (iii) and (iv) only

(D) All of the above

96.	Whic	ch of the following novels are	not	written by C.V. F	Raman Pillai?				
	(i)	$The\ Marthandavarma$							
	(ii)	Keralaputran							
	(iii)	(iii) Ramaraja bahadur							
	(iv)	Premamrutham							
		(A) (ii) only		(B)	(ii) and (iv) only				
		(C) (iv) only		(D)	(iii) only				
97.		following table shows some		ks and authors.	Which of the following is the correct				
		Book		A	Author				
	(a)	Kazhinja Kalam	(1)	C. Kesavan					
	(b)	b) Ente Nadukadathal		2) B. Kalyani Amma					
	(c)	(c) Vyzhavatta Smaranakal		(3) Swadeshabimani Ramakrishnapillai					
	(d)	Jivitha Samaram	(4)	K.P. Kesava Me	enon				
		(A) a-(4), b-(3), c-(2), d-(1)		(B)	a-(2), b-(3), c-(4),d-(1)				
		(C) a-(3),b-(4),c-(1),d-(2)		(D)	a-(1),b-(2),c-(3),d-(4)				
98.	Whic	ch of the following statement	is/a	re incorrect about	. Vaikunda Swami?				
	(i)	His original name was Mudichudan perumal							
	(ii)	Rev. Fr. Mead taught him the fundamentals of the Bible							
	(iii)	ii) He tried to materialise his dream of social equality through the socialisa concept of Samatva Samajam.							
	(iv)	He was also known as Sada	nano	da swami					
		(A) Only (i) and (iv) is inc	orrec	et (B)	Only (iii) is incorrect				
		(C) Only (i) and (ii) is inco	rrec	t (D)	Only (iv) is incorrect				
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- 99. Consider the following statements regarding Arya Pallam
  - (i) Vathilpurappadu is the book written by Arya Pallam
  - (ii) Arya inaugurated the annual meeting of yuvajana movement at Thalipparambu in 1932.
  - (iii) A Namboothiri women's organisation was formed with the name Antharjana Samajam under the leadership of Arya pallam.
  - (iv) Arya Pallam actively participated in the Paliyam satyagraha.

Which of the statements given above is/are correct?

- (A) (i) and (ii) only
- (B) (ii), (iii) and (iv) only
- (C) (iii) and (iv) only
- (D) All of the above
- **100.** Considering the following table:
  - (a) Kerala Panini (1) A.R. RajaRaja Varma
  - (b) Kerala Kalidasa (2) Kodungallur Kunhikuttan Thampuran
  - (c) Kerala Vyasa (3) Kerala Varma Valiya Koyil Thampuran

Identify the correct pair(s)

- (A) All of the above
- (B) a-(1), b-(3), c-(2)
- (C) a-(2),b-(1),c-(3)
- (D) a-(3),b-(2),c-(1)

# SPACE FOR ROUGH WORK

# SPACE FOR ROUGH WORK