Test Booklet No. _____
This booklet consists of 150 questions and 22 printed pages.

RGUPET/2024/__/_

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RGUPET 2024
Common Entrance Test, 2024

DOCTOR OF PHILOSOPHY IN ECONOMICS

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Full Marks: 150   **Time: 3 Hours**

Roll No. ☐☐☐☐☐☐☐☐

Day and Date of Examination: _____

Signature of Invigilator(s) _____

Signature of Candidate _____
_____

General Instructions:

PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 150 Multiple Choice Questions (MCQs) from the concerned subject. Each question carries 1 mark.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall after the commencement of the entrance test or leave the examination hall within two hour.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy.

1	Which is not synonyms of *meticulously*				
	a) Carefully	b) Punctiliously	c) Scrupulously	d)Haphazardly	d
2	Find out the missing alphabetical term of *ak, eo,....,mw, qa, ue*				
	a)is	b)jt	c)kl	d)hr	a
3	If 45X52=97, 25X35=….				
	a) 78	b) 87	c) 125	d)175	a
4	Find the sum of the series 2, 4, 8, 16, 32, 64, 128………. extending up to 10th term.				c
	a) 1023	b) 1280	(c) 2046	d) 3046	2046
5	I shall call ……. our vice chancellor sir on next Monday.				d
	a) in	b) over	c) to	d) on	On
6	Which of the given four sentences are true? A. When Sonam was sleeping, Tashi reached home. B. When Sonam slept, Tashi reaches home. C. When Sonam slept, Tashi reached home. D. When Sonam would sleep, Tashi reached home.				a
	a) Only A is true	b) Only B is true	c) All are true	d) Both C and D are true	Only A is true
7	Which of the following is a conjunction?				a
	a) Because	b) With	c) To	d) therefore	Because
8	Change the voice of the sentence: **Rome was not built in a day**. A. People did not build Rome in a day. B. Roman did not build Rome in a day. C. Many people worked for many years to build Rome. D. Rome was not built by the Roman in a day. Which of the given four options are true?				c
	a) A	b) B	c) Both A and B	d) Both C and D	Both A and B
9	Arijit ………… till evening if no one wakes him up.				a
	a) Will sleep	b) Will be slept	c) Will sleeping	d) Would be sleeping	Will sleep
10	Which one of the following Indian rivers is different from the others?				d
	a) Brahmaputra	b) Ganga	c) Indus	d) Kaveri	Kaveri
11	Who is the present secretary general of United Nations?				a
	a) Antonio Guterres	b) Ban Ki Moon	c) Kofi Annan	d) Mario Soares	Antonio Guterres
12	The FIFA world cup 2026 will held in ……………				d
	a) The United States	b) Canada	c) Mexico	d) All the above	All the above
13	Which state of north east India has the lowest per capita income?				d
	a) Arunachal Pradesh	b) Assam	c) Meghalaya	d) Manipur	Manipur
14	As per Census 2011, Arunachal Pradesh is the largest state of north east India in terms of ……				
	a)Area only	b) Population only	c) Both area and population	d)none of these	a
15	Find the true statement(s): A. The 2022 FIFA world cup was 22nd FIFA world cup				

	B. Argentina was the champion of the 2022 FIFA world cup. C. The 2022 FIFA world cup was 23rd FIFA world cup D. France was the champion of the 2022 FIFA world cup.				
	a) All are true	b) A and B only true	c)A and C only true	d) B and C only true	b
16	Pradhan Mantri Kaushal Vikas Yojana is directly related to				
	a) Promotion of skill development	b) Reduction of wage gap between male and female	c) Reduction of pollution	d) conservation of bio-diversity	a
17	Find the missing number in the series 2,9,28,…..,126				
	a)39	b)55	c)65	d)98	c
18	Find the matching pairs:				

Find the matching pairs:

A.	World environment day	i.	7 April
B.	World health day	ii.	28 July
C.	International Women's Day	iii.	5 June
D.	World Hepatitis Day	iv.	8 March

	a) A-ii; B-i;C-iv;D-iii	b)A-iii; B-i;C-iv;D-ii	c) A-i; B-iii;C-iv;D-ii	d) A-iii; B-ii;C-iv;D-i	b
19	Which of the following statements is/are true? A. Arunachal Pradesh is the second largest state of north east India in terms of area. B. Manipur has the lowest per capita income among the states of north east India. C. Mizoram has the highest forest cover as percentage of the geographical area among the states of north east India. D. Assam is the largest state of north east India in terms of area.				b
	a) A and B are true	b) B and C aretrue	c) B, C and D are true	d)) All are true	B and C are true
20	Given below are the two statements, one is levelled as Assertion (A) and another is levelled as Justification (B). A: Assertion: Jal Jeevan Mission aims to provide safe drinking water through individual household tap connection to all rural households by 2024. B: Justification: Safe drinking water is essential for living a healthy life and it is the responsibility of the government to ensure supply of adequate safe drinking water.				c
	a) Only A is true	b) Only B is true	c) Both A and B are true and B is the correct justification for A	d) Both A and B are true and B is not the correct justification for A	Both A and B are true and B is the correct justification for A
21	Which of the following is not a part of research proposal preparation?				

	a)Identifying the research gap	b) Review of literature	c) Setting of research objective	d) Findings and conclusion	d
22	Normal distribution is				
	a) Not symmetric	b) Symmetric	c)positively skewed	d)negatively skewed	b
23	If there are n_1 values in a distribution whose arithmetic mean is $\bar{x}_1$ and similarly arithmetic mean of n_2 values of another distribution is $\bar{x}_2$, arithmetic mean $\bar{x}$ of the combined distribution is				
	a)$\frac{n_1\bar{x}_1+n_2\bar{x}_2}{n_1+n_2}$	b)$\frac{n_1\bar{x}_1-n_2\bar{x}_2}{n_1+n_2}$	c)$\frac{n_1\bar{x}_1+n_2\bar{x}_2}{n_1-n_2}$	d)$\frac{n_1\bar{x}_1+n_2\bar{x}_2}{n_1 n_2}$	a
24	Which of the following is a unitless measure of dispersion?				
	a)coefficient of variation	b)standard deviation	c)mean deviation	d)range	a
25	Which is not a social media platform for scientists and researchers				
	a)Google Scholar	b) Research Gate	c) LinkedIn	d) Cisco webex	d
26	Field study is related to				
	a)Only real life situation	b)Only laboratory situations	c)Only experimental situations	d)All of these	a
27	A. Simple random sample — i. Survey method B. The error arising due to drawing inferences about the population on the basis of few observations — ii. Secondary data source C. Census survey — iii. Sampling error D. NSSO report — iv. Sampling type				
	a)A-iv;B-iii;C-i;D-ii	b) A-iv;B-ii;C-i;D-iii	c) A-iv;B-i;C-iii;D-ii	d) A-i;B-iii;C-iv;D-ii	a
28	Find the true statements A. Under census survey method, each and every unit of population are surveyed B. Lottery method is a popular method of collecting data under stratified sampling C. NSSO reports are example of secondary data source D. Economic Survey of India is published by Reserve Bank of India				
	a)A and B	b) B and C	c) C and D	d) A and C	d
29	Match the following A. Mendeley — i. Statistical software B. Urkund — ii. Reference management C. Stata — iii. Digital library D. Jstor — iv. Plagiarism check				
	a)A-ii;B-iv;C-i:D-iii	b) A-iii;B-iv;C-i:D-i	c) A-ii;B-iv;C-iii:D-i	d) A-ii;B-i;C-iv:D-iii	a
30	In statistics, parameter means ………………..				a
	a) Population characteristics	b) Sample characteristics	c) Efficiency of the estimator.	d) Consistency of the estimator	Population characteristics
31	The value of correlation coefficient lies between ………..				b

	a) 0 and 1	b) -1 and 1	c) 0 and $\propto$	d) 1 and 100	-1 and 1
32	Which of the following sampling technique is used when the population to be studied consists of heterogenous group of people?				b
	a) Simple random sampling	b) stratified random sampling	c) purposive sampling	d) proportional sampling	stratified random sampling
33	Which of the following sampling technique is used when the population is large and widely geographically dispersed?				b
	a) stratified sampling	b) cluster sampling	c) systematic sampling	d) convenience sampling	cluster sampling
34	Which of the following technique is used to measure inequality in distribution of income?				d
	a) liquidity ratio	b) Income gap ratio	(c) head count ratio	(d) Gini ratio	Gini ratio
35	Match the following:				b

A. Chi-square test	i Small sample test
B. F-test	ii Large sample test
C. t-test	iii Non-parametric test
D. Z-test	iv Variance test

	a) A-iv B-i C-ii D-i	b) A-iii B-iv C-i D-ii	c) A-ii B-iv C-i D-iii	d) A-iii B-i C-iv D-ii	A-iii B-iv C-i D-ii
36	Which of the following statements is/are true? A. Universe is the total population. B. Sample is a part of the total population taken for the study. C. Statistical inference is used to draw inference about population based on study of sample of population. D. Random sampling technique is used to make the sample representative of population.				d
	a)A and B only	b)B and C only	c)B, C and D only	d) All are true	All are true
37	Which of the following statements is/are true? A Arithmetic mean≤Geometric mean≤Harmonic mean B Arithmetic mean≤Geometric mean≥Harmonic mean C Arithmetic mean≥Geometric mean≥Harmonic mean D Arithmetic mean≥Geometric mean≤Harmonic mean				c
	a) A is true	b) B is true	c) C is true	d) D is true	C is true
38	The relation between price and demand for a normal good is an example of …				b
	a) Positive correlation	b) negative correlation	c) Zero correlation	d) Multiple correlation	Negative correlation
39	Which of the following is not a method of primary data collection?				d
	a) Direct personal interviews	b) Indirect oral interview	(c) Mailed questionnaire method	d) Data collected from	Data collected from

					published sources	published sources
40	If the data is collected through interview of the whole population, it is a….					a
	a) Census method	b) Random sampling method	c) Non-Random sampling method	d) Simple random sampling method		Census method
41	Match the following: A. Line graph / i. Show one aspect of different variables. B. Pie chart / ii. Show two or more aspects of variables C. Bar diagram / iii. Show percentage share of different variables D. Multiple bar diagram / iv. Growth trend of variables					b

A. Line graph	i. Show one aspect of different variables.
B. Pie chart	ii. Show two or more aspects of variables
C. Bar diagram	iii. Show percentage share of different variables
D. Multiple bar diagram	iv. Growth trend of variables

	a) A-iii B-ii C-iv D-i	b) A-iv B-iii C-i D-ii	c) A-ii B-iv C-i D-iii	d) A-iv B-iii C-ii D-i	A-iv B-iii C-i D-ii
42	Which of the following statements is/are true about the classical linear regression model? A. The regression model is linear in the parameters B. Zero mean value of disturbance term C. There is a serial autocorrelation between the disturbance term D. The variance of disturbance term is not constant				a
	a) A and B only	b) A, B and C only	c) C and D only	d)) B and D only	A and B only
43	Given below are the two statements, one is levelled as Assertion (A) and another is levelled as Justification (B). A: Assertion: When the population to be studied is unidentifiable, the researcher applies snow ball sampling technique. B: Justification: In snow ball sampling, information given by one respondent leads to identification of other respondents.				c
	a) Only A is true	b) Only B is true	c) Both A and B are true and B is the correct justification for A	d) Both A and B are true and B is not the correct justification for A	Both A and B are true and B is the correct justification for A
44	Given below are the two statements, one is levelled as Assertion (A) and another is levelled as Justification (B). A: Assertion: In statistical testing, type-I error occurs when the null hypothesis is true but it is rejected.				c

	B: Justification:t-test is used to test a hypothesis.					
	a) Only A is true	b) Only B is true	c) Both A and B are true but B is not the correct justification of A	d) Both A and B are true and B is the correct justification of A	Both A and B are true but B is not the correct justification of A	
45	Match the following:					b

A. Breusch-Pegan test	i Stationarity of time series
B. Augmented-Dickey-Fuller test	ii Heteroscedasticity
C. Variance inflation factor (VIF)	iii autocorrelation
D. Durbin-Watson test	iv Multicollinearity

	b) A-iv B-iii C-ii D-i	b) A-ii B-i C-iv D-iii	c) A-iii B-i C-ii D-iv	d) A-ii B-iii C-iv D-i	A-ii B-i C-i D-iii	
46	Consistency is the characteristics of a good estimator in case of …………..					c
	a) Small sample	b) Medium sample	c) Large sample	d) Infinite sample	Large Sample	
47	Find the uncommon one					
	a)APA 7th Edition	b) Chicago style of referencing	c) Oxford referencing style	d) End Note	d	
48	Under simple random sampling, ……..					
	a) each and every unit of the population has an different opportunity of being selected	b) units are selected purposively	c) each and every unit of the population has an equal opportunity of being selected	d)None of these	c	
49	JEL classification is a…….					
	a) Referencing style	b) Standard method of classifying scholarly literature in the field of economics	c) Standard method of classifying scholarly literature in the field of social science	d) Standard technique of assessing the quality of research	b	
50	Which of the following graphical methods is suitable to represent the data related to growth trend?					c
	a) Bar diagram	b) Multiple bar diagram	c) Line graph	d) Pie diagram	Line graph	
51	Two or more events associated with a random experiment are called…………if neither of them occurs in preference to other.					b

	a)mutually exclusive events	b)equally likely events	c)favorable events	d)independent events	equally likely events
52	There are 20 marbles in an urn which are numbered from 1 to 20. If a marble is drawn at random, the probability that the marble is multiple of either 2 or 5 is				a
	a)$\frac{3}{5}$	b)$\frac{1}{10}$	c)$\frac{4}{20}$	d)$\frac{1}{20}$	$\frac{3}{5}$
53	Which one of the following is not true? A. median is a measure of central tendency B. mean deviation is an absolute measure of dispersion C. coefficient of variation is not a measure of dispersion D. the positive square root of arithmetic mean of the squares of the deviations of the values of a distribution from arithmetic mean is called standard deviation				c
	a) A and B are not true	b)D is not true	c) C is not true	d)A and D are not true	C is not true
54	Time reversal test is satisfied by				d
	a)Laspeyre's index	b)paasche's index	c)Fisher's index only not by Marshall-Edgeworth index	d) both Fisher's index and Marshall-Edgeworth index	both Fisher's index and Marshall-Edgeworth index
55	The correct matching pairs of the following is				a

A. SE($\bar{x}$)	i $\sqrt{\frac{PQ}{n}}$
B. SE(p)	ii $\frac{\sigma}{\sqrt{2n}}$
C.SE (s)	iii $\frac{1-p^2}{\sqrt{n}}$
D. SE(r)	iv $\frac{\sigma}{\sqrt{n}}$

	a)A,iv; B,i; C,ii; D,iii	b) A,iii; B,i; C,ii; D,iv	c) A,ii; B,i; C,iii; D,iv	d) A,iv; B,ii; C,i; D,iii	A,iv; B,i; C,ii; D,iii
56	Given the objective function u=u(x,y) and constraint as B=xp$_x$+yp$_y$, the lagrange function (L) is given by				a
	a)L=u(x,y)+ λ(B- xp$_x$-yp$_y$)	b) L=u(x,y)+B(λ- xp$_x$-yp$_y$)	c) L=u(x,y)- λ(B- xp$_x$-yp$_y$)	d) L=u(x,y)- λ(B- xp$_x$+yp$_y$)	L=u(x,y)+ λ(B- xp$_x$-yp$_y$)
57	If the production function of a producer is Q=f(K,L) and cost function is C= P$_L$.L+P$_k$K, the convexity of isoquant requires that $\frac{d^2K}{dL^2}$				c
	a)$\frac{d^2K}{dL^2} < 0$	b) $\frac{dK}{dL} < 0$	c)$\frac{d^2K}{dL^2} > 0$	d)$\frac{d^2K}{dL^2} = 0$	$\frac{d^2K}{dL^2} > 0$
58	Find the False statement. A. In static input output model, investment is autonomous B. In open input output model, final demand sector is regarded as exogenous. C. In dynamic input output model, investment is autonomous D. In closed input output model, all commodities become intermediate products				d

	a) A	b) D	c) both C and D	d) only C	only C
59	In a linear programming problem, area where all the structural constraints are satisfied is known as				a
	a) feasible area	b)basic feasible solution point	c)basic solution area	d)none of these	feasible area
60	Match the following pairs:				

A. First order differential equation	i. $Y_{t+1} + 3y_t = 2$	
B. Second order differential equation	ii. $\frac{dy}{dx} + uy = v$	a
C. Improper integral	iii. $\frac{d^2y}{dt^2} = cy$	
D. First order difference equation	iv. $\int_1^\infty \frac{1}{x}\, dx$	

	a)A,ii; B,iii; C.iv; D,i	b) A,iii; B,ii; C.iv; D,i	c) A,iv; B,iii; C.ii; D,i	d) A,ii; B,iii; C.i; D,iv	A,ii; B,iii; C.iv; D,i
61	Keynesian economics is a …………. analysis.				a
	a) Short term	b) Medium term	c) Long term	d) End term	Short term
62	Which theory states that consumption income relationship is reversible?				a
	a) Absolute income hypothesis	b) Relative income hypothesis	c) Permanent income hypothesis	d) Life cycle hypothesis	Absolute income hypothesis
63	At the point of effective demand: A. Aggregate Demand = Aggregate Supply B. Saving = Investment C. Inflation = Rate of interest D. Export = Import Choose the correct answers from the given option.				b
	a) Only A is true	b) Both A and B are true	c) Both C and D are true	d) Only D is true	Both A and B are true
64	According to classical economics, A: Assertion: There is neither over production nor inflation. B: Justification: Because, supply creates its own demand.				a
	a) Both A and B are true, and B is the correct justification for A.	b) Both A and B are true, but B is not the correct justification for A.	c) Only B is true, A is false	d) Neither A nor B is true	Both A and B are true, and B is the correct justification for A.
65	Match list 1 with list 2:				

List 1	List 2	
A. Real Business Cycle	i. Unexpected change in monetary policy is effective in the short run.	a
B. Monetarists	ii. Effective Fiscal policy is necessary to increase the level of employment.	
C. New Classical	iii. Supply side factors may change even in the short run	

	D.	Keynesian		iv.	Monetary policy is effective in the short run	

	a) A- iii B- iv C- i D- ii	b) A- iv B- i C- iii D- ii	c) A- ii B- iv C- i D- iii	d) A- ii B- i C- iv D- iii	A- iii B- iv C- i D- ii
66	…………….. effect states that it is easier to move from a lower standard of living to a higher standard of living, but it is difficult to move from a higher standard of living to a lower standard of living.				c
	a) demons tration	b) optimis m	c) ratchet	d) illusion	ratchet
67	The problem of autocorrelation is more common in……….				a
	a) Time series data	b) Cross section data	c) Panel data	d) Annual data	Time series data
68	The problem of heteroscedasticity is more common in …………..				d
	a) Time series data	b) National income data	c) Industrial data	d) Cross section data	Cross section data
69	Among the following statements about coefficient of determinants (R^2), which are true: A. R^2lies between 0 and 1 B. As the sample size increases R^2 increases at an increasing rate. C. In the presence of multicollinearity , the value of R^2 cannot be more than 0.1 D. Adjusted $R^2 \le R^2$				c
	a) Only A is true	b) Only B is true	c) Both A and D are true	d) Both A and C are true.	Both A and D are true
70	In case of multicollinearity: A: **Assertion**: A particular explanatory variable is perfectly related to another one or a combination of other explanatory variables B: **Justification**: It is impossible to estimate such model.				a
	a) Only A is true	b) Only B is true	c) Both A and B are true, and B gives correct justification for A	d) Both A and B are true, but B does not give correct justification for A	Only A is true
71	A random disturbance term is……….				a
	a) Unobservable.	b) Always Observable	c) Sometimes observable	d) Rarely observable	Unobservable
72	What is stagflation?				d
	a) Inverse relationship between inflation and unemployment	b) Inflation at the full employment level.	c) Neither inflation nor unemployment exist	d) High inflation along with higher rate of unemployment	High inflation along with higher rate of unemployment
73	What is the shape of the long run Phillip's curve?				d
	a) Slopes downward from left to right	b) Slopes upward from left to right	c) Horizontal Straight line at natural rate of unemployment	d) Vertical Straight line at natural rate of unemployment	Vertical Straight line at natural rate of

					unemployment
					a

74	Match list 1 with list 2:				a

List 1		List 2
A. According to Baumol		i. Demand for money is determined by different of assets available in the economy and return from su assets.
B. According to Tobin		ii. the individual allow short term money balance fluctuate within a band which has upper and lower lir also known as threshold
C. According to Friedman		iii. Economic agents hold money in cash and inve bonds simultaneously
D. According to Laidler's Buffer stock theory		iv. Transaction demand for money is also affecte rate of interest

a) A= iv B= iii C= i D= ii	b) A= ii B= iii C= iv D= i	c) A= i B= ii C= iii D= iv	d) A= ii B= iv C= i D= iii	A= iv B= iii C= i D= ii

75	Real Business Cycle theory has its root in……				b
	a) Keynesian Economics	b) Classical economics	c) Schumpeter's theory of business Cycle	d) Innovation theory of trade cycle	Classical economics

76	Regarding Non-Banking Financial Institutions, which of the following statements are true: A. Non-Banking Financial Institutions may create credit. B. Non-Banking Financial Institutions provide loans C. Some of the Non-Banking Financial Institutions are engaged in insurance business D. It is not necessary to regulate the Non-Banking Financial Institutions				d
	a) Only A is true	b) only B is true	c) Both A and D are true	d) Both B and C are true	Both B and C are true

77	The Buffer stock theory of demand for money was given by………				b
	a) Baumol	b) Laidler	c) Tobin	d) Friedman	Laidler

78	"Money does matters" as stated by ………				c
	a) Classical economics	b) Keynesian economics	c) Monetarists	d) Real Business Cycle theory	Monetarists

79	In order to influence spending on goods and services in the short run, monetary policy is directed at influencing……..				c
	a) GDP growth rate	b) Unemployment rate	c) Interest rate.	d) Inflation rate.	Interest rate

80	Regarding supply of Money, which of the following statements are true? A. According to Friedman, the monetary authority has full control over money supply B. According to Kaldor, supply of money is determined by demand for money	c

	C. Money multiplier is constant across the period D. Inside money is also known as the reserve money				
	a) Only A	b) Only D	c) Both A and B	d) Both C and D	Both A and B
81	In the beginning of the 1950s, Indian Gross Domestic Savings as percentage of GDP was ……				d
	a) More than 20	b) Between 15 – 20	c) Between 10 – 15	d) Less than 10	Less than 10
82	Match the following: A. Chairman of 16th Finance Commission — i. Kishor Makwana B. Chairman of NITI Aayog — ii. Rekha Sharma C. Chairman National Commission for ST/SC — iii. Prime Minister of India D. Chairman National Commission for Women — iv. Arvind Panagariya				b
	a) A-iv B-ii C-i D-iii	b) A-iv B-iii C-i D-ii	c) A-iii B-iv C-i D-ii	d) A-ii B-iii C-iv D-i	A-iv B-iii C-i D-ii
83	Which of the following statements is/are true about green revolution in India? A. It was propelled by tractors and power tillers. B. It was propelled by HYV seeds only. C. It was propelled by irrigation only. D. It was propelled by HYV seeds, irrigation and fertilizers.				D
	a) A and B	b) B and C	c) A, B and C	d) D only	D only
84	In 2021-22 Indian GDP growth rate was 7.6 % and the Gross capital formation was 33.3 % of GDP. The incremental capital-output ratio was approximately…..				b
	a) 5.7	b) 4.4	c) 3.8	d) 3.0	4.4
85	Indian Gross Domestic Savings as percentage of her GDP has been in recent years…				d
	a) Less than 25	b) Between 25-27	c) Between 27-29	d) More than 30	More than 30
86	Which of the following statements is/are true about India's balance of payments? A. Excess of imports over exports. B. Excess of exports over imports. C. Growth of exports higher than that of imports. D. Imports are equal to exports.				a
	a) A only	b) A and C only	c) B Only	d) D only	A only
87	Given below are assertion (A) and Justification (B). Choose the correct answer.				c

	A: Assertion: Among all countries of the world, rank of India in HDI in recent years has been between 100-150. B: Justification: One of the reasons for the low rank of India in HDI is due to low per capita income.				
	a) Only A is true	b) Only B is True	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true but B is not the correct justification of A	Both A and B are true and B is the correct justification of A
88	The rate of capital formation of a country is 20% of the National income. If the incremental capital-output ratio is 4, what will the GDP growth rate?				c
	a) 4.5	b) 4.7	c) 5.0	d) 3.0	5.0
89	Among the eight Northeastern States, the one having the highest per capita NSDP is…				d
	a) Arunachal Pradesh	b) Assam	c) Meghalaya	d) Sikkim	Sikkim
90	Match the following: A. Current weekly status — i. Based on the activity one has spent the most time in the last year. B. Current daily status — ii. Based on some additional activity for a shorter time not less than 30 days. C. Usual principle status — iii. Based on reference period of last 7 days D. Usual subsidiary status — iv. Based on each day in a reference week				c
	a) A-iv B-iii C-ii D-i	b)A-ii B-i C-iii D-ii	c)A-iii B-iv C-i D-ii	d) A-iv B-ii C-iii D-i	A-iii B-iv C-i D-ii
91	Which of the following statements is/are about Jhum cultivation? A. High total factor productivity B. High productivity of only land C. High productivity of labour D. Low productivity of land				d
	a)A only	b)A and B only	c) C and D only	d) D only	Low productivity of land
92	Given below are assertion (A) and Justification (B). Choose the correct answer. A: The level of modern manufacturing industry in North east India is lower than the rest of the country.				d

	B: This is because the north east region has low population density.				
	a) Only A is true	b) Only B is True	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true but B is not the correct justification of A	Both A and B are true but B is not the correct justification of A
93	Which of the following results from the low degree of property rights in land under shifting cultivation?				c
	a) facilitates induction of new technology	b) encourages investment in permanent improvement of the soil	c) Stands in the way of permanent improvement of the land	d) None of the above	Stands in the way of permanent improvement of the land
94	The rural Female work participation Rate (FWPR) of Arunachal Pradesh is….				a
	a) Higher than the rural FWPR of India	b) Lower than the rural FWPR of India	c) Same as the rural FWPR of India	d) None of the above	Higher than the rural FWPR of India
95	Which of the following statements is/are true about high natural growth of population in northeast India? A. Only in-migration and immigration. B. More in-migration than out-migration. C. High birth rate only D. High birth rate and falling death rate.				d
	a) A only	b) B only	c) B and C only	d) D only	D only
96	Given below are assertion (A) and Justification (B). Choose the correct answer. A: There has been high growth of urban population in the hilly parts of the Northeast India. B: This is mainly due to expansion of education and administrative services.				c
	a) Only A is true	b) Only B is True	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true but B is not the correct justification of A	Both A and B are true and B is the correct justification of A
97	The most important sources of demographic data is/are….				d
	a) Census only	b) Vital Statistics only	c) Sample Survey only	d) all the above three	all the above three
98	The number of infant deaths during the first four weeks of birth is termed as …				d
	a) Child mortality	b) under five Mortality	c) Infant mortality	d) Neonatal Mortality	Neonatal Mortality

99	When there is excess demand in the economy, the government should…				d
	a) Increase its expenditure	b) Promotes exports	c) Enhance its work programmes	d) Reduce its expenditure	Reduce its expenditure
100	The NABARD was set up in the year…				c
	a) 1975	b) 1980	c) 1982	d) 1985	1982
101	In national income accounting, the most dependable information comes from…				b
	a) Small scale traders	b) Organised manufacturing sector	c) Agriculture	d) Informal sector	Organised manufacturing sector
102	The microfinance movement was first started in which of the following country?				b
	a) India	b) Bangladesh	c) Australia	d) Canada	Bangladesh
103	A variable defined at each point in time is called…				b
	a) A flow variable	b) A stock variable	c) neither a stock nor a flow variable	d) All of the above	A stock variable
104	When there is excess production in a monopoly, it will lead to..				c
	a) a fall in price	b) a rise in price	c) a cut in production	d) None of the above	A cut in production
105	The concept of selling cost was introduced by….				c
	a) Marshall	b) Paul Sweezy	c) Chamberlin	d) Baumol	Chamberlin
106	Collusive oligopoly refers to…				b
	a) Two or more firms compete each other to maximize profit	b) Two or more firm coordinates each other to maximize joint profit	c) Two or more firm coordinates each other to maximize output	d) Two or more firm coordinates each other to minimize joint profit	Two or more firm coordinates each other to maximize joint profit
107	$\frac{dy}{dx} + ay = b$ will be homogeneous one, if the value of b is				d
	a) equal to 1	b) greater than 1	c) less than 0	d) equal to 0	equal to 0
108	Which one of the following is not an assumption of linear programming?				d
	a) It assumes linear relations among the different variables which imply constant proportionality between inputs and outputs	b) Input-output prices and coefficients are given and constant.	c) The decision making body is faced with certain constraints or resource restrictions	d) It assumes unlimited number of alternative production processes.	It assumes unlimited number of alternative production processes.

	within a process.				
109	Artificial variable is used in linear programming to address the problem of				a
	a) Negative value of surplus variables	b) Negative value of slack variables	c) Negative value of choice variables	d) None of the above	Negative value of surplus variables
110	In linear programming analysis, dummy variable refers to				d
	a) Slack variable but not to surplus variable	b) Surplus variable but not to slack variable	c) Neither slack variable nor surplus variable	d) Both slack variable and surplus variable	
111	Which of the following statement is true? A. In static input output model, all the components of final demand vector are assumed to be autonomous B. In static input output model, investment demand is assumed to be endogenous C. It is concerned with production and consumption D. It was developed by G Dantzig				a
	a) A only	b) B only	c) A and C only	d) D only	A only
112	Which of the following is not an element of Economic development?				c
	a) Increase in per capital income	b) Reduction in infant mortality rate	c) Increase in inequality	d) Increase in gross enrollment ratio	Increase in inequality
113	Which of the following is a rationale for big push in Rodan's theory? A. Indivisibility of production function B. Complementarity of demand C. Indivisibility of technology D. Indivisibility in supply of savings				d
	a) A and B only	b) B and D only	c) B, C and D only	d) A, B and D only	A, B and D only
114	Which of the following economists suggested that deliberate unbalancing of the economy according to pre-designed strategy is the best way to promote development?				c
	a) Ragnar Nurkse	b) Arthur Lewis	c) Albert O. Hirschman	d) Rosenstein Rodan	Albert O. Hirschman
115	Which of the following is not a part of Rostow's stages of economic growth?				d
	a) traditional society	b) pre-conditions to take-off	c) drive to maturity	d) dynamic society	dynamic society
116	Which of the following is not an indicator used in computation of physical quality of life index (PQLI)?				a
	a) Per capital income	b) life expectancy	(c) Literacy rate	(d) Infant mortality rate	Per capital income

117	Which of the following is the third goal of the sustainable development goals?				d
	a) No poverty	b) Quality education	(c) clean water and Sanitation	(d) good health and well-being	good health and well-being
118	What will happen if actual growth exceeds warranted growth in Harrod's model?				b
	a) Depression	b) Secular inflation	(c) Recession	(d) Boom	Secular inflation
119	Which of the following Statements are true? *Statements:* A. The theory of vicious circles of poverty was propounded by Hans Singer. B. The theory of vicious circles of poverty states that the circles can be broken by improving productivity of labour. Choose the correct answer from the given options.				c
	a) Both A and B are true	b) A is true only	(c) B is true only	(d) Both A and B are false	B is true only
120	While criticizing the doctrine of balanced growth, which of the following economists stated that 'think big is a sound advice to underdeveloped countries but act big is an unwise counsel'?				b
	a) Raul Prebisch	b) Hans Singer	(c) John Fei	(d)Simon Kuznets	Hans Singer
121	Given symbolic meaning of C, V and S as the constant capital, variable capital and surplus value respectively, Marxian organic composition capital is given as				b
	a) C/V+S	b) C/V	c) C/C+V	d) C+V/V	C/V
122	Which of the following is a characteristics of merit goods?				d
	a) Non-rivalrous	b) non-excludable	c) free riding	d) positive externality	positive externality
123	Match list I with list II: List I List II A Direct tax — i Interest receipts B Indirect tax — ii Inheritance tax C Non-tax revenue — iiiDisinvestment receipts D Capital receipt — iv Excise duty				d
	a) A-(iv) B-(ii) C-(i) D-(iii)	b) A-(ii) C-(iii) D-(i)	c) A-(iii) B-(ii) C-(iv) D-(i)	d) A-(ii) B-(iv) C-(i) D-(iii)	A-(ii) B-(iv) C-(i) D-(iii)
124	Which of the following Statements is/are true? A. The value of balanced budget multiplier is unity when marginal propensity to consume of both tax payers and benefit receivers are same. B. The value of Balanced budget multiplier can be greater than unity or less than unity. C. Spending under balanced budget multiplier is always expansionary. D. When the value of balanced budget multiplier is unity, there is no net increase in income.				c

		a) A and C only	b) A and D only	c) A and B only	d) A, B and D only	A and B only
125	Given below are the two statements, one is levelled as Assertion (A) and another is levelled as Justification (B). *A: Assertion:* During the period of depression government is likely to increase public expenditure by borrowing fund. *B: Justification:* The government can get fund from the central bank.					d
		a) Only A is true	b) Only B is True	c) Both A and B are true and B is the correct justification of A	d) Both A and B are true but B is not the correct justification of A	Both A and B are true but B is not the correct justification of A
126	How much weightage was assigned to population by the 15th Finance commission of India for horizontal distribution?					b
		a) 10%	b) 15%	c) 17.5%	d) 25%	15%
127	Which of the following is not a cause of market failure?					d
		a) Asymmetric information	b) Externalities	c) Non-excludability	d) Property rights	Property rights
128	Match List I with List II. List I List II <table><tr><td>A. Adam Smith</td><td>i Principle of maximum social advantage</td></tr><tr><td>B. Hugh Dalton</td><td>ii Externalities</td></tr><tr><td>C. A. C Pigou</td><td>iii Functional finance</td></tr><tr><td>D. Abba Lerner</td><td>iv Cannon of taxation</td></tr></table>					d
		a) A-iii B-i C-iv D-ii	b) A-iv B-i C-iii D-ii	c) A-ii B-iii C-iv D-i	d) A-iv B-i C-ii D-iii	A-iv B-i C-ii D-iii
129	Which of the following Statements is/are true? A. Income tax is regressive in nature. B. Corporation tax is a direct tax. C. Taxable capacity depends on volume of national income. D. Revenue deficit occurs when revenue expenditure is more than revenue receipts.					c
		a) A and B are true only	b) B and C are true only	c) B, C and D are true	d) All are true	B, C and D are true
130	Match the following: <table><tr><td>A Embedding bias</td><td>i weak sustainability</td></tr><tr><td>B Truncation bias</td><td>ii strong sustainability</td></tr><tr><td>C Genuine savings</td><td>iii Travel cost method</td></tr><tr><td>D Resilience</td><td>iv Contingent valuation method</td></tr></table>					a
		a) A-(iv)	b) A-(iii)	c) A-(ii)	d) A-(i)	A-(iv)

	B-(iii) C-(i) D-(ii)	B-(iv) C-(i) D-(ii)	B-(iii) C-(i) D-(iv)	B-(iii) C-(iv) D-(ii)	B-(iii) C-(i) D-(ii)
131	Which of the following statements is/are true? A. Environmental goods are non-excludable in nature. B. Environmental goods are reversible. C. Environmental goods are unique. D. Environmental goods and uncertain in nature.				c
	a) A and B only	b) A and C only	c) A, C and D only	d) All are true	A, C and D only
132	Given below are the two statements, one is levelled as Assertion (A) and another is levelled as Justification (B). A: Assertion: Tragedy of commons refers to severe degradation of an environmental asset. B: Justification: It occurs due to non-excludable and rivalrous nature of the asset.				d
	a) Only A is true	b) Only B is true	c) Both A and B are true but B is not the correct justification of A	d) Both A and B are true and B is the correct justification of A	Both A and B are true but B is the correct justification of A
133	Net present value criterion of cost-benefit analysis evaluates a project by taking the difference between ……				b
	a) Benefits and costs	b) discounted benefits and discounted costs	c) Present benefit and present costs	d) Expected benefits and expected costs	discounted benefits and discounted costs
134	Which of the following is an indirect use value of environmental goods?				c
	a) Recreational value	b) Existence value	c) Nutrient recycling	d) Option value	Nutrient recycling
135	Given below are the two statements, one is levelled as Assertion (A) and another is levelled as Justification (B). A: Assertion: In common property resources, all the members of the group have equal user rights and non-members are excluded from having access to the resources. B: Justification: Common property resources can be subjected to degradation if there is no strict restriction on outsiders.				d
	a) Only A is true	b) Only B is true	c) Both A and B are true but B is not the correct justification of A	d) Both A and B are true and B is the correct justification of A	Both A and B are true and B is the correct justification of A

136	The willingness to pay of 5 individuals are given as; Rs. 100, Rs. 80, Rs. 120, Rs. 60, Rs. 200. The mean and median willingness to pay are…..				d
	a) 110 and 90	b) 112 and 90	c) 110 and 100	d) 112 and 100	112 and 100
137	When the commodity consumed by the consumer is inferior, the Income effect of price chance will be				c
	a) 0	b)positive	c)Negative	d)infinity	Negative
138	Assertion: Indifference curve is downward sloping Justification: Marginal rate of substitution decreases				c
	a) Both Assertion and Justification are correct.	b) Both Assertion and Justification are correct and justification is not the reason of assertion	c) Both Assertion and Justification are correct and justification is the reason of assertion	d) Both Assertion and Justification are wrong and justification is the reason of assertion	Both Assertion and Justification are correct and justification is the reason of assertion
139	Given the production function q= $10L^{0.5}K^{0.5}$ and budget constraint 100= 5L+10K, match the following <table><tr><td>A.</td><td>Elasticity of factor substitution</td><td>i.70</td></tr><tr><td>B.</td><td>Equilibrium labour use</td><td>ii. 1</td></tr><tr><td>C.</td><td>Equilibrium capital use</td><td>iii. 5</td></tr><tr><td>D.</td><td>Equilibrium output (approximate)</td><td>iv. 10</td></tr></table>				c
	a) (A,iii); (B,iv);(c,ii), (D,i)	b) (A,iii); (B,ii);(c,iv), (D,i)	c)(A,ii); (B,iv);(c,iii), (D,i)	d) (A,ii); (B,iii);(c,i), (D,iv)	c)(A,ii); (B,iv);(c,iii), (D,i)
140	A CES type production function is right angle in shape, because of A. Factors of production are perfect substitutes B. Factors of production are not substitutable. C. Elasticity of factor substitution is infinity D. Elasticity of factor substitution is zero				d
	a) A and C are correct	b) A,B,D are correct	c) all are correct	d) B and D are correct	d) B and D are correct
141	Which of the following is a measure of domestic protection?				d
	a) Import Tax	b) Import Quota	c) Patent Rights	d) Production subsidy	Production subsidy
142	Given below two statements, A is assertion and R is reason. A. India is producing MIG aircraft for its air force. R. It is following import substitution policy. In light of the statements choose the most appropriate answer				d
	a) A is correct R is false	b) A is false, R is correct	c) A and R are correct	d) A is correct and R is the policy for A	A is correct and R is the policy for A
143	Atmanirbhar Yoyana is a				a

	a) Import substitution policy	b) Export promotion policy	c) Domestic subsidy Policy for Industries	d) Domestic policy for foreign firms	Import substitution policy
144	Which of the following is correct in Matrix Algebra? (a) An identity Matrix is a square matrix (b) Transpose of an identity matrix is an identity matrix (c) $(A.B)^T = A^T B^T$ (d) $(A^{-1} B^{-1})^T = (A^T B^T)^{-1}$ Choose the correct answer					a
	a) a and b are correct	b) C and d are correct	c) B and d are correct	C and a are correct	a and b are correct
145	Following is the table giving the production possibility table of India and USA. 		India	USA
Wheat (Unit per year)	60	160
Cloth (Unit per year)	30	80 | Which of the following is correct? a) India will export cloth to USA b) India will import cloth from USA c) India will import wheat from USA d) No trade is possible					d
	a) A and C are correct	b) A is correct	c) B is correct	d) D is correct	D is correct
146	Following is the table giving the production possibility table of India and USA. 		India	USA
Wheat (Unit per year)	50	120
Cloth (Unit per year)	150	80 | What is the P_c/P_w in India					b
	a) 3/1	b) 1/3	c) 1/1	None	1/3
147	For problem 11, if international price is stabilised at $(P_c/P_w)=1$, what is the gain to India if it exports 150 unit of cloth to USA?					b
	a) 150 units of wheat	b) 100 units of wheat	c) 80 units of wheat	d) 120 units of wheat	100 units of wheat
148	Optimum tariff...					c
	a) occurs in the range of elasticity 0 to 1 of tariff imposing country	b) Must occur in the inelastic range of the offer curve of tariff imposing country	c) Must occur in the elastic range of the offer curve of tariff imposing country	d) occurs in the range of elasticity 0 to -1 of tariff imposing country	Must occur in the elastic range of the offer curve of tariff imposing country
149	Monopolist faces a linear demand function given as P=100-4q and Total Cost function as C=50+20q, Profit maximising output, price and profit is given as.					C
	a) 20,30,80	b) 20,60,250	c)10,60,350	d) 15,60,350	10,60,350
150	A discriminating monopolist faces two demand functions in two markets given as $p_1=80-5q_1$ and $p_2=180-20q_2$ and Cost function is given as $50+20(q_1+q_2)$. What is the price and quantity sold in first market?					a

	a) 6,50	b)10,60	c) 4,50	d) 6,60	6,50