

## MODEL QUESTION – 4

Economics

Mark: 90

Time: 3hrs

## PART-I

Choose the correct answer

20 x 1 = 20

1. The world biotic means environment

A. living B. non-living C. physical D. None of the above

2. Who developed Material balance models?

A. Thomas and Picardy B. Alenkneese and R.V.Ayres C. Johan robinson and J.M Keynes D. Joseph Stiglitz and Edward chamberlin

3. The major contributor of carbon monoxide is

A. Automobiles B. Industrial process C. Stationary fuel combustion D. None of the above

4. Acid rain is one of the consequences of

A. Air pollution B. Water pollution C. Land pollution D. Noise pollution

5. Alkali soils are predomination located in the ..... Plains?

A. indus-Ganga B. North –Indian C. Gangetic plains D. All the above

6. Which is not the feature of economic growth?

A. Concerned with developed nations B. Gradual change C. Concerned with quantitative aspects D. Wider concept

7. The supply side vicious circle of poverty suggest that poor nation remain poor because

A. Saving remains low B. Investment remains low C. There is a lack of effective government D. A and B above

8. Which of the following plan has focused on the agriculture and rural economy?

A. People's plan B. Bombay Plan C. Gandhian plan D. Vishveshwarya plan

9. M.N Roy was associated with

A. Congress plan B. People's plan C. Bombay plan D. None of the above

10. Long-term plan is also known as

A. Progressive plans B. Non-progressive plans C. Perspective plans D. Non- perspective plans

11. Who wrote the book "The Road to serfdom"?

A. Friedrich Hayek B. H.R.Hicks C. David Ricardo D. Thomas Robert Malthus

12. The word statistics is used as

A. Singular B. Plural C. Singular and plural D. None of the above

13. Source of secondary data are

A. Published source B. Unpublished sources C. Neither published nor unpublished source D. Both (a) and (b)

14. If both variables X and Y increase or decrease simultaneously then the coefficient of correlation will be

A. Positive B. Negative C. Zero D. One

15. The term regression was used by

A. Newton B. Pearson C. Spearman D. Galton

16. Econometric is the word coined by

A. Francis Galton B. Ragnar Frish C. Karl person D. Spearsman

17. Which is not Non – Conventional fuels

A. LPG B. CNG C. HEP D. Bio-gas

18. Vicious circle of poverty to break demand who said this?

A. Nurkse B. Robbins C. Dalton D. Marshall

19. Short-term plans are .....plans

A. Controlling B. One year C. Annual D. All the above

20. Who is father of statistics in India ?

A. M.N. Roy B. S.N. Agarwal C. P.C. Mahalonobis D. Horrod Domar

## PART-II

**Note:** Answer any seven question (q.no 30 is compulsory)

7 x 2 = 14

21. What do you mean eco system?

22. Define global warming
23. Specify the meaning of seed ball
24. Define economic development
25. Distinguish between economic growth and economic development
26. Write a short note on NITI Aayog
27. What is statistics?
28. What are the kinds of statistics?
29. Define regression
30. Define statistics

### PART-III

**Note:** Answer any seven question (q.no 40 is compulsory)      7 x 3 = 21

31. Explain different types of air pollution
32. What are the causes of water pollution?
33. Write a note on  
(a) Climate change (b) Acid rain
34. Draw diagram vicious circle of poverty and major causes
35. What are the non-economic factors determining development?
36. What are the function of NITI Aayog?
37. What are the function of statistics?
38. Find the standard of the following deviation of

14, 22, 9, 15, 20, 17, 12, 11

39. Specify objectives of econometrics

40. Write any three remedial measures of control Air pollution

PART-IV

Answer all the question

7 x 5 = 35

41. (a) Briefly explain the relationship between GDP growth and the quality environment

(or)

(b) What is land pollution? Causes of land pollution

42. (a) Explain the importance of sustainable development and its goals

(or)

(b) Definition of water pollution. Write remedial measure control water pollution

43. (a) Discuss the economic determinants of economic development

(or)

(b) What is NITI Aayog? Write the Functions

44. (a) Bring out the argument against planning

(or)

(b) Describe different type of planning

45. (a) Elucidate the nature and scope of statistics

(b) Calculate the Karl Pearson correlation co-efficient for the following data

Demand of for product X: 23 27 28 29 30 31 33 35 36 39

Sales of product Y: 18 22 23 24 25 26 28 29 30 32

46. (a) Describe the application of econometrics in economics

(or)

(b) Different between correlation and regression any five

47. (a) Trace the evolution of economic planning in India

(or)

(b) Find the regression equation  $y$  on  $x$  and  $x$  on  $y$  for the following data

Y: 45 48 50 55 65 70 75 72 80 85

X: 25 30 35 30 40 50 45 55 60 65

**DISCIPLINE IN PROGRESS**

**DETERMINATION ON PERSISTENCE**

**DEDICATION IN PUNCTUALITY**