

**VIDYA VIKAS MANDAL'S
RAMACRISNA MADEVA SALGAOCAR HIGHER SECONDARY SCHOOL
MARGAO-GOA**

Second Term Examination March 2024

STD: XI **Duration: 3 hours**
Date: 20/3/2024 **Sub: Economics** **Marks: 80**

INSTRUCTION's:-

- I. All questions in both sections are compulsory.
- II. Marks for each question are indicated against each to the right.
- III. Question Nos. 1-8 and 19-26 are objective type questions carrying 1 marks each
- IV. Question Nos. 9-12 and 27-30 are short answer type questions carrying 2 marks each.
(answer should be around 40 words)
- V. Question Nos. 13-15 and 31-33 are also short answer type questions carrying 3 marks each.(answer should be around 60 words)
- VI. Question Nos. 16-18 and 34-36 are long answer type questions carrying 5 marks each.
(answer should be around 100 words)
- VII. Internal choice to be exercised in question 15, 18, 33, and 36.
- IX. Word limit is not applicable to answers on differentiation, diagrams and those of numerical nature.
- X. Use of Non scientific calculators may be allowed.
- XI. All diagrams should be drawn in black lead pencil only.

**SECTION –A
(Indian economy)**

1. Which of the following are institutional sources of rural credit?
 - a. Regional rural banks
 - b. Landlords
 - c. Traders
 - d. Moneylenders

2. Raghu owns and operates an enterprise to earn his livelihood. These type of workers are known as
 - a) casual workers
 - b) hired workers
 - c) regular workers
 - d) self employed workers

3. When does disguised unemployment occur?
 - a . workers do not want to work
 - b. workers are not skilled
 - c . workers are not paid for their work
 - d. More workers are engaged in work than actually required .

4. Education is an example of

- a. sustainable development
- b. economic development
- c. economic infrastructure
- d. social infrastructure

5. Energy generated by sun is known as

- a. wind energy
- b. solar energy
- c. hydro energy
- d. bio energy

6. Frequent tropical storms and melting of Polar ice are effects of .

- a. Air pollution
- b. global warming
- c. sustainable development
- d. ozone layer depletion

7. Which of the following statements gives the correct meaning of absorptive capacity?

- a. Absorptive capacity is defined as the ability of our environment to absorb degradation
- b. Absorptive capacity is defined as the method of resource generation that is within the assimilating capacity of our environment
- c. Absorptive capacity is defined as the average number of organisms that are living within a given environment
- d. Absorptive capacity is defined as the minimum population that is currently surviving in the world.

8. Name the system in Goa where there is collective ownership of land.

- a. Khazan
- b. comunidade
- c. Morod
- d. Kher

9. Explain any two points of difference between conventional sources of energy and non conventional sources of energy.

10. State any two major sources of air pollution.

11. What is kumeri cultivation?

12. State any two reasons for the decline of agriculture in Goa .

13. Discuss any three measures initiated by the Government to improve agricultural marketing system.

14. Infrastructure contributes to the economic development of a country. Explain.

15. Explain any three of functions of environment.

OR

Explain any three strategies for sustainable development.

16. Define organic farming. Explain the benefits of organic farming.

17. The government has been playing an important role in generating employment. Discuss the various schemes in promoting employment.

18. Explain the factors that have caused a decline in fishing in Goa.

OR

Explain the problems related to Tourism industry in Goa.

SECTION -B (Statistics)

19. Age of 8 students of class XI is given. Find the modal age.
14, 15, 16, 14, 17, 14, 17

- a. 14
- b. 15
- c. 16
- d. 17

20. Which one of these divides a series into four equal parts.

- a. mean
- b. quartile
- c. mode
- d. median

21. Inter quartile range is the difference between

- a. $Q_2 - Q_1$
- b. $Q_1 - Q_1$
- c. $Q_3 - Q_1$
- d. $Q_2 - Q_3$

22. Calculate range from the following data.
85, 94, 60, 75, 100

- a. 35
- b. 40
- c. 23
- d. 60

23. There is perfect positive correlation between marks in economics and marks in English. Identify the correct type of coefficient of correlation.

- a. Zero
- b. +1
- c. -1
- d. 0 to 1

24. Identify the Graphical method of measuring correlation.

- a. Bar diagram
- b. Scatter diagram
- c. Pie diagram
- d. Multiple bar diagram

25. Consumer price index is also known as

- a. sensitivity index
- b. Whole sale price index
- c. Cost of living index
- d. Industrial production index

26. Statistical tool for measuring changes in the magnitude of group of related variables over a period of time is known as.

- a. Dispersion
- b. Correlation
- c. Standard deviation
- d. Index number

27. The monthly expenditure of 5 households are Rs. 1550, Rs. 1715, Rs. 1690, Rs. 820 and Rs. 1150. Calculate Arithmetic Mean.

28. Given below is the age of 8 students. Find out the Median age.

21, 18, 19, 14, 10, 22, 12, 8

29. Plot the following data and mention the degree of Correlation.

X	10	12	45	75	420
Y	120	150	18	200	25

30. Calculate coefficient of rank Correlation from the ranks assigned by two judges in an essay writing competition.

Ranks by judge 1	1	2	3	4	5
Ranks by judge 2	4	2	1	3	5

31. Calculate Q3 from the following data.

Marks of 8 students: 67, 40, 50, 44, 58, 62, 72, 47

32. Find Inter quartile range, quartile deviation and coefficient of quartile deviation from the following data.

80, 100, 120, 140, 160, 180, 200

33. Construct index number for 2019 taking 2015 as the base year from the following data by using simple aggregative method.

Commodities	P	Q	R	S	T
Price in 2015	40	28	12.5	10	30
Price in 2019	50	35	15	20	90

OR

Construct index number by Simple Average of Price Relatives Method .

Commodities	A	B	C	D	E
Price in 2018	16	40	35	9	2
Price in 2020	20	60	70	18	1.50

34. Calculate Standard Deviation and its coefficient from the following set of data.

Marks	0-4	4-8	8-12	12-16
No. of students	2	3	6	7

35. Calculate Karl Pearson's coefficient of correlation from the following data.

Marks in English	4	6	8	10	12
Marks in Hindi	6	8	10	12	14

36. From the following data calculate price index number for the year 2020 taking 2015 as base year by using Laspeyre's Method.

Commodities		A	B		D
2015	Price	20	50	40	20
	Quantity	4	3	5	10
2020	Price	40	60	50	40
	Quantity	6	5	10	20

OR

From the following data calculate price Index number by using Paasche's Method

Commodities		M	N	O	P
Base year	Price	5	4	3	2
	Quantity	30	15	20	10
Current year	Price	6	8	4	4
	Quantity	50	25	30	20

*****ALL THE BEST*****