(1)

ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2026

PART-~~I~~/II/III

SUBJECT: ECONOMICS

CODE NO: F.Y.135 VERSION: ...

80 SCORES 2 1/2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1		(a) The average of the upper class limit and Lower class limit	1	1
2		(a) First	1	1
3		(c) Land Reforms	1	1
4		(d) Trained Labourers	1	1
5		(b) Commune System	1	1
6		(b) Secondary data	1	1
7		(b) Arithmetic Mean	1	1
8		(d) Histogram	1	1
9		(a) Histogram	1	1
10		(b) Consumer Price Index	1	1

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		ANSWER ANY 4 QUESTIONS FROM 11 – 15. EACH CARRIES 2 SCORE (4×2=8)		
11.		Inadequate infrastructure Less awareness Reluctance among farmers. Products have shorter life Yield is comparatively low	1×2	2
12.		• To understand economic problem • To present economic facts in a precise and definite form • To formulate plans and policies • To find relationship between different economic variable • To condense mass data in to few numerical measures.	1×2	2
13.		• r has no Unit • A negative value of r indicates an inverse relation • If r is positive the two variables move in the same direction	1×2	2

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		The value of the correlation coefficient lies between -1 and +1 · If $r=0$, the two variables are uncorrelated · If $r=1$ or $r=-1$, the correlation is perfect		
14		Q_1 = Size of $\left(\frac{N+1}{4}\right)^{th}$ item · Arranging the data in an ascending order :- 11, 12, 14, 18, 22, 26, 30. Q_1 = Size of $\left(\frac{7+1}{4}\right)^{th}$ item = Size of 2nd item = 12.	2	2
15.		Steps towards making a project Identifying a problem choice of Target group Collection of Data Organisation and presentation of Data Analysis and interpretation Conclusion Bibliography.	4 × $\frac{1}{2}$	2

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		ANSWER ANY 4 QUESTIONS FROM 16-20. EACH CARRIES 3 SCORES (4X3=12)		
16		· Exploitative land settlement system - Zamindari System · Low level of technology · Less use of fertilizers · Lack of irrigation facilities · Commercialisation of agriculture · Partition of India in 1947.	1X3	3
17.	a)	Outsourcing - Sourcing from outside · Developed countries like America are outsourcing many services like software from developing countries like India	1	
	b)	· India is an important destination for outsourcing because of · availability of skilled manpower · Low labour cost · Advanced technology and infrastructure · Time zone advantage	1X2	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
18.		Formal sector - Employees have job security and fixed wage, follows labour laws and government rules, Employees get benefits like PF, paid leave Pension etc.	1½	3
		Informal sector - No job security or fixed income, Do not follow official labour laws No Benefits like PF, pension etc	1½	
19		Introduction of Structural reforms in 1978, Commune System, The Great Leap Forward, Special Economic Zone, Great Proletarian Cultural Revolution (Any 3 points - give 3 marks)	1 x 3	3
20		Providing preliminary idea about the Survey helps in pre-testing of the questionnaire, so as to know the shortcomings of the questions. Helps in assessing suitability of questions, clarity of instructions Performance of enumerators, the cost and time involved in actual Survey.	1 x 3	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		ANSWER ANY 4 QUESTIONS FROM 21 – 25. EACH CARRIES 4 SCORES	(4×4=16)	
21.		(a) Green Revolution refers to large increase in production of food grains resulting from the use of High Yielding Variety (HYV) seeds, irrigation, fertilizers etc.	2	
		(b) Increase in crop production, especially in wheat and rice, Higher income for farmers, Employment opportunities, Self sufficiency in food grains, improved standard of living.	2	4
22		Sources of Human Capital – Education, Health, on-the job Training, migration and information – explanation	1×4	4
23.		Item / Amount / Percentage / Angle Food 6000 44.44 159.98 ≈ 160° Rent 3000 22.22 79.99 ≈ 80° Education 2000 14.81 53.31 ≈ 53° Clothing 1500 11.11 39.99 ≈ 40° Miscellaneous 1000 7.4 26.64 ≈ 27° 13500		3 4

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
24		Diagram	1	

Students	R_1	R_2	D	D^2
A	1	4	-3	9
B	2	3	-1	1
C	3	2	1	1
D	4	1	3	9
E	5	6	-1	1
F	6	10	-4	16
G	7	5	2	4
H	8	7	1	1
I	9	8	1	1
J	10	9	1	1
				$\Sigma D^2 = 44$

$$r = 1 - \frac{6\Sigma D^2}{n^3 - n}$$

$$= 1 - \frac{6 \times 44}{1000 - 10}$$

$$= 1 - \frac{264}{990}$$

$$= 1 - .27$$

$$= .73$$

Eqn-1
Process-2
Answer-1

4

25 Laspeyre's Price Index

$$P_{01} = \frac{\Sigma P_1 q_0}{\Sigma P_0 q_0} \times 100$$

$$= \frac{257}{190} \times 100$$

$$= 135.3$$

Eqn-1
Process-2
Ans 1

4

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		ANSWER ANY 4 QUESTIONS FROM 26-30. EACH CARRIES 5		
26.		Financial Sector Reforms — Bank Branch Licensing liberalised, New generation Private banks allowed. Insurance Companies were allowed in private sector Foreign Banks were allowed to open branches in India, Foreign investors were allowed to invest in India	2½	5
		Tax Reforms — Direct and Indirect tax rates were reduced. Reduction in personal income Tax, Reduction in Corporation Tax, Reduction in excise duties, Reduction in customs duties	2½	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
27		Animal Husbandry — farming community uses mixed crop - livestock farming system. Live stock production provides increased stability income, food security, transport fuel and nutrition for the society. Milk production in the country has increased more than 8 times between 1951-2014, Operation flood. etc.	2½	
		Horticulture. India adopted growing of diverse horticultural crops such as fruits, vegetables, tuber crops, flowers, medicinal and aromatic plants and plantation crops; providing food and nutrition and helps in reducing unemployment, Horticulture contributes ⅓rd of value of agricultural output and 6% of GDP of India. created employment opportunities for women in rural areas; Horticulture has emerged as successful sustainable livelihood option.	2½	5

(10)

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
28.		Methods of primary Data collection · Personal Interviews · Mailing questionnaires · Telephone Interview	3	
	*	Personal Interview Advantage - Heghest Response Rate Allows use of all types of questions Better for using open ended questions, Allows classification	½ × 2 = 1	
		Disadvantage - Most expensive, Possibility of influencing respondents, more time taking.	½ × 2 = 1	
	*	Mailed Interview Advantage - Least expensive only method to reach remote areas No influence on respondents, Best for sensitive questions		
		Disadvantage - can not be used by illiterates, Long response time, Reactions can not be watched		
	*	Telephone Interview Advantage - Relatively low Cost. Relatively less influence on respondents and relatively high response Rate		
		Disadvantage - Limited use Reactions can not be watched. Possibility of influencing respondents.		

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score

29

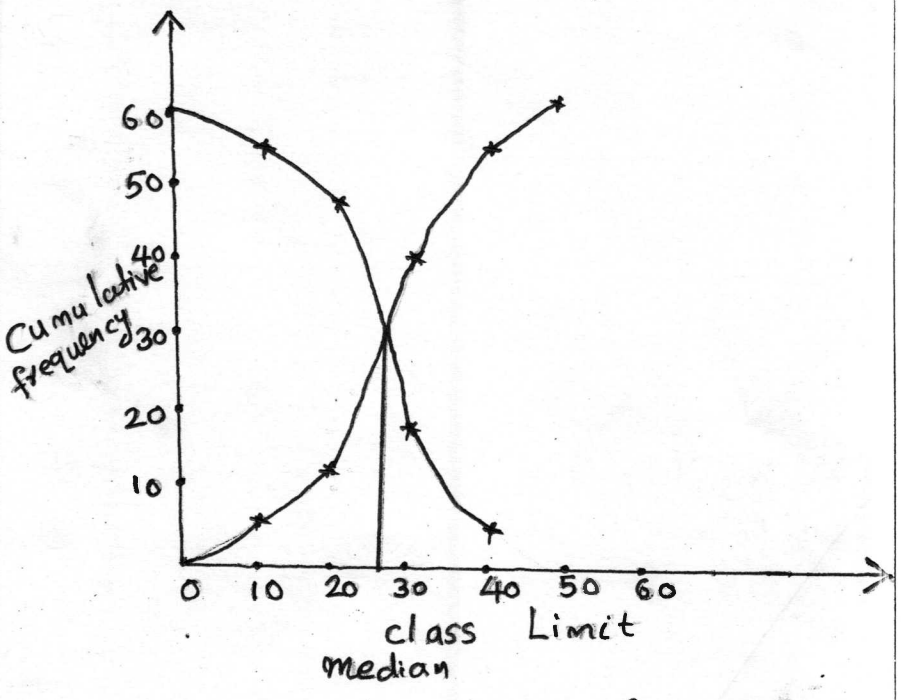
Class	Tallymarks	Frequency
0-5	///	3
5-10	⧸⧸⧸⧸ ///	8
10-15	//	2
15-20	⧸⧸⧸⧸	5
20-25	//	2
25-30	///	3
30-35	/	1
35-40	/	1
	TOTAL	25

5

Class - 2 score, Tally mark - 2 Score
Frequency - 1 score

30

Marks	No of Student	Upper Limit	Less than CF	Lower Limit	more than CF
0-10	5	10	5	0	60
10-20	6	20	11	10	55
20-30	30	30	41	20	49
30-40	14	40	55	30	19
40-50	5	50	60	40	5

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		 Table - 2 score Graph - 2 score Locating median = 1 score ANSWER ANY 2 QUESTIONS FROM 31-33. EACH CARRIES 8 SCORES		5
31		(a) Low Income, Lack of assets, Unemployment, High growth of population, Backward agriculture, Inadequate industrialisation, widespread ignorance and illiteracy, Isolation and powerlessness (b) Poverty alleviation Programmes Three approaches – Growth Oriented approach, generation of employment and income through creation of assets, provision of minimum basic needs	4	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		Poverty alleviation programmes like DDU-AY, PMEGP, MGNREGP, PMKVY, NSAP, NFSA, Antyodaya Anna Yojana, PMJDY, PMGSY PMAY-R, PMAY-U, VAMBAY etc (Explain Any Four Programmes)	4	8
32.				

class	f	x	fx
0-10	4	5	20
10-20	5	15	75
20-30	10	25	250
30-40	15	35	525
40-50	10	45	450
50-60	6	55	330
	N = 50		$\Sigma fx = 1650$

3

$$\bar{X} = \frac{\Sigma fx}{N} = \frac{1650}{50} = \underline{\underline{33}}$$

class	f	CF
0-10	4	4
10-20	5	9
20-30	10	19
30-40	15	34
40-50	10	44
50-60	6	50

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		Median class 30-40		
		$\text{Median} = L + \frac{N/2 - c.f}{f} \times h$	3	
		$= 30 + \frac{25-19}{15} \times 10$		
		$= 30 + \frac{60}{15}$		
		$= 34$		8
		$\text{Mode} = L + \frac{D_1}{D_1 + D_2} \times c$	2	
		$= 30 + \frac{50}{10}$		
		$= \underline{\underline{35}}$		
33	a)	Sustainable Development that meets the need of the present generation without compromising the ability of the future generation to meet their own needs	2	
	b)	Strategies for Sustainable Devt.		
		· Use of Non-Conventional sources of Energy		
		· LPG, Gobar Gas in Rural areas		8
		· CNG in Urban Areas		
		· Wind power		
		· Solar power through photovoltaic Cells	6	
		· Mini-hydel power plants		
		· Traditional knowledge and Practices		
		· Bio composting		
		· Biopest Control		
		(Explain Any 6 points)		

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