FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2017

SUBJECT : ECONOMICS **CODE. NO: 626**

Qn No	Sub Qns	Answer Key/Value Points	Score	Total
1.		(d) Worker / Population x 100	1	1
2.		(1) Enable India to attain sufficiency in food grains (2) Increased market surplus (3) Large scale increase in production (4) Price of food grains declined (5) Government Procured Surplus Products for future use (Any two relevant points may be given full score)	1x2	2
3.		(a) 218/1000 (b) 32 years (c) Less than 16% (Comparison without data give ½ each)	1 1 1	3
4.		(a) RGI (also give marks for NSSO)	1	1
5.		Bar Diagram: (1) Widths are same; (2) Space is left between adjacent bars; (3) Draws for Discrete and continuous variable; (4) Not help to determine any average Histogram: (1) Widths may be different; (2) No space is left; (3) Draws for continuous variable only; (4) Help to determine mode (Any other relevant points also may be considered)	4x1	4
6.		$r = -0.2$ Low negative correlation equation Process Answer	1 1 1 1	4

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Qn No	Sub Qns	Answer Key/Value Points	Score	Total
7.	(a)	Adoption of green revolution	1	1
8.	(a)	Organic farming	1	
	(b)	Any three merits - Substitute with locally produced and organic inputs — More nutritional value — Pesticide free — Environment friendly — Highly international demand	1x3	4
9.		(1) Introduction	1	
		(2) Growth oriented approach	1	
		3. Self-employment and wage Employment Programmes REGP, PMRY, SJSRY, SGSY, NFWP, ~~SGSY~~ SGRY, NREGP	2	
		4. Provision of minimum amenities to the People (PDS, ICDS, MMS, PMGSY, PMGY, VAAY	2	
		(5) Faults like less resource allocation, ill motivation, non-training and Corruption of officials, non-participation of local level institutions.	2	8
		(Demerits, short Comings or faults also may be Considered)		
10.	(d)	Error in calculation	1	1
11.	(b)	Analysis or interpretation	1	2
	(c)	Organisation or Presentation of data	1	
12.		Singular sense — body of technique for the Collection, Presentation, analysis and interpretation of data	1	1

Qn No	Sub Qns	Answer Key/Value Points	Score	Total
		Plural sense numerical facts systematically collected – quantitative information of data	1	*2
13.		(d) All of these	1	1
14.	(a)	(a) Globalisation	1	
	(b)	Yes (1) Public investment in agricultural sector like irrigation, roads, power, market linkage etc, reduced much (2) Removal of fertilise subsidy increased the cost of Production (3) Indian farmers are compelled to face international competition (4) Export oriented policy resulted in the shift of producers from for domestic market to Production for exports which increased price of food grains. (Any three points)	1 1×3	5
15.	(a) (b) (c) (d)	Pakistan China India Pakistan	½×4	2
16.		(b) Bimodal data	1	1
17.		$R = P_1/P_0 \times 100$ | WR 150 | 7500 120 | 1800 175 | 4375 120 | 1200 14875 $CPI = \frac{\Sigma WR}{\Sigma W} = \frac{14875}{100} = 148.75$	2½ ½	

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Qn No	Sub Qns	Answer Key/Value Points	Score	Total
		- OR - (also Consider weighted aggregative Price index) $\frac{\Sigma P_1 q_0}{\Sigma P_0 q_0} \times 100$ $\frac{\Sigma P_0 q_0}{\Sigma P_1 q_0} \times 100$ (Answ. $47.\frac{3}{8}$) Computation with equation - 2½ Final value - ½		3
18.		1. A sample can give reasonable, reliable and accurate informations 2. Lower cost 3. Shorter time 4. More detailed information can be collected as sample is lesser than population 5. Need smaller team of enumerators 6. Easier to train and supervise the enumerators (Any three points)	1×3	3
19.		(C) Karve Committee – Agriculture	1	1
20.	(a) (b) (c)	Co-efficient of variation Positive Square root of the mean of squared deviations from mean / Any equation of S.D Calculation with all steps and equations S.D = 20.9	1 1 6	8
21.		Yes, Any three valid points one score each No score for Yes (1) Installed capacity to generate electricity is not sufficient to feed the annual demand of 7%.		

	(2) State electricity boards are running in losses of Rs. 500 billion due to transmission and distribution loss, wrong prices, inefficiency etc. 3) Challenge from the part of private sector and foreign power generators 4) General Public unrest due to high tariff and long power cut 5) Thermal sector faces the shortage of raw-materials like naptha etc.	1×3	3
22.	(c) Random Sampling	1	1
23.	1. How many classes should we have - find range with equation, classes between 5 and 15 2. What should be the size of each class - class-interval = Range / No. of classes 3. How should we determine the class limits? Lower limit - inclusive classes - Exclusive classes 4. How should we get the frequency of each class. ? - giving vertical strokes - tally marks (Any four relevant points on the construction of frequency distribution may be given marks)	1×4	4
24.	(a) Mode = 10 (b) Mean ; $\Sigma x/n = 124/11 = 11.27$ (c) Median Size of $\left(\frac{n+1}{2}\right)^{th}$ item = 10	1 2 2	5
25.	(d) During 1972 - 2010 there was a movement of workers from casual labour to self-employment	1	1
26.			

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Qn. No.	Scoring Indicators	Split Score	Total Score
26.	Sustainable development – definition Strategies (1) Use of non-Conventional sources of energy (2) Use of LPG, Gober gas etc in rural areas (3) Use of CNG in urban areas (4) Wind Power (5) Solar Power (6) Construction mini hydel Power (7) Use of traditional knowledge and Practice (8) Bio-composting (9) Bio-Pest Control (Any 4 points with explanation	1 4×1	5
27.	(a) It is still a dream (b) Better than before (c) A few Tatas e (Other explanation supporting the above point may also be considered)	1 1 1	3
28.	(d) None of the above (also give credit to c.)	1	1
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