

DIRECTORATE OF HIGHER SECONDARY EDUCATION
FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2020
ANSWER KEY

SUBJECT ECONOMICS

SCORES 80

QN NO	SUB QNS	ANSWER KEY/ VALUE POINTS	SCORE	TOTAL SCORE
1		A First Stage	1	1
2		B Population	1	1
3		D Abolished industrial licensing	1	1
4		D Any answer	1	1
5		C Organic Farming	1	1
6		A Total No. Of workers/ population X 100	1	1
7		C Standard Deviation	1	1
8		B Thermal Source	1	1
9		C Schools	1	1
10		A China	1	1
11		C Scatter diagram	1	1
12		A Laspeyre's price index	1	1
13		Exploitative land revenue system, high taxation, lack of irrigation, lack of fertilisers, low fertility, lack of technology etc (any two relevant point)	1+1	2
14		Infant mortality, life expectancy, maternal mortality, incidence of communicable or non communicable diseases, no. of hospitals or other health infrastructures	1/2 x 4	2
15		Gets preliminary idea about the actual survey, short comings and draw backs of questions, suitability of questions, cost and time for the actual survey, can evaluate the performance of the enumerators etc (any two points)	1+1	2
16		Range = 50 coefficient of range = .55	1+1	2
17		Started towards developmental path at the same time, five year plans started at the same time, have similar growth rate and per capita income till 1980s, new economic policy started almost the same year (any two points)	1+1	2
18		Collection of data organisation and presentation of data, analysis of data, interpretation, conclusion, bibliography	2	2
19		<u>Arguments in favour</u> Self-sufficiency in food grains, marketed surplus, export of food grains, buffer stock increase, reduce dependency on import of food grains <u>Arguments against</u> increased the disparity between the rich and the poor farmers, the burden of subsidy, attack of pests on HYV seeds, increased use of fertilisers etc	1 1/2 + 1 1/2	3
20		Without statistics economics cannot function, It analyses NI, poverty, unemployment, price change, economic activities are studied with the help of statistics. Many statistical tools like mean, median, mode, standard deviation etc used in economics for analysis, statistical analysis and results help economists in policy making etc (any 3 points)	1+1+1	3

21		Deregulation of industrial sector ,Delicensing, dereservation, (any three points with explanation)	3	3
22		Low cost,low time, need less number of enumerators,better results(explanation with any three points)	3	3
23		Resources for various programmes are insufficient,corruption,not addressedthe interest of the majority of the poor,some programmes are not productive etc (any three points with explanation) or Any three proverty alleviation programmes with explanation	3	3
24		Self employed lawyer,goldsmith etc.... Regular salaried workers teachers, govt.employees,doctors etc... Casual labourers farmers,construction workers etc.....	1+1+1	3
25		For drawing Correctdiagram format only(1 mark)	3	3
26		Education, health, on the job training, migration and information (any four points with explanation- points only give 2 marks)	4	4
27	a	Helps in comparison,identifying the main features of data makes decision making easier,easy to understand the data (any twopoints with explanation)	2	
	b	Geographical classification,spacial classification,chronological classification,Quantitative and qualitative classification	1/2x4=2	4
28		Gave short term medium term and long term loans,nationalisation of commercial banks RRBs,NABARD, Land development banks self help groups ,Support price (explanation with four pionts)	4	4
29	a	.7(formula, calculation process answer)	1+1+1=3	
	b	Karl Pearson'scoefficient of correlation	1	4
30	a	WPI,CPI,Index number for industrial production,Index number for agricultural production,HDI, SENSEX ,NIFTY	1X 1/2=2	
	b	For each use give 1/2 mark (!liberal valuation)	1X 1/2=2	4
31	a	For preparing notes on out sourcing,incorporating the meaning of outsourcing, methods of outsourcing,kinds of services which are outsourcing (Sourcing from outside,use of computers of firms,it enabled service,accountingediting music,record keeping,more responsibly low cost time saving etc)	3	
	b	Proficiency in Englishlanguage,development of IT services or any relevantpoints	1	4
32	a	Definition of poverty	1	
	b	Backwardness of agriculture,low income of farmers inadequate use of natural resources ,lack of asset,unequal distribution of wealth ,unemployment,indebtedness,low performance of industry exploitative rule by the British etc (any four points with explanation)	4	5
33		Constructing less than and more thancumulativefrequencydistribution for drawing less than and more than ogives locating median	1+1 1+1 1	5

34	Any relevant definition of sustainable development use of non conventional sources of energy, use of lpg, biogas, CNG use in urban areas, wind energy solar energy, tidal power,, use of photo voltaic cells, mini hydel power plants, eco friendly pest control measures, use of traditional knowledge, bio pest control, mixed cropping, reducing the use of chemical fertilisers Etc..	1 7	8
35	Mean formula process and answer mean =32.6 Median formula process and answer median =32.85 Mode formula process and answer mode= 34	1+1+1 1+1+1 1+1+	8
36	Q1 formula process and answer Q1 =20 Q3 formula process and answer Q3 =38.33 Qd formula and answer QD= 9.16 Co efficient .31 or 31% any one merit and defect of quartile deviation (if the problem is correct give full marks)	1+1+1/2 1+1+1/2 1+1 1/2 +1/2	8

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