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SUBJECT = BIOSTATISTIC

PROGRAMME = BS DENTAL TECHNOLOGY (6TH SEMESTER)

Answer no. 2:

A

PURPOSE OF CENSUS:

Census is a survey conducted on the whole set of the observation object which is belonging to population. The purpose of census is to count the entire population or every object in given observation.

B

DIFFER FROM SAMPLE SURVEY:

In a sample survey we go through some selected part from the population. Our concern about information is totally based upon the selected data. The procedure is done by government agencies they get the data by picking some selected part of population but in census it is compulsory to go through from every object of population that is why census differs from sample survey.

C

From the given information 2011 UK census attached a response rate of 94% is good. It can rise any of an error. Or may increase error further.

D

In the census about asking a specific religion or group may cause of harsh behavior or many mishaps. It is possible that some one do not like to answer of these kind of question.

E

There is a lot of potential problem in conducting the 2021 UK census, online the first and main issue is that the availability of online connection and internet to every person of the country is almost impossible. The second thing also can increase in the personal behavior of person they may give the response or not according to their own task or behavior.

F

census itself mean the study of every object under the observation and is difficult task to perform . also it is quit difficult to government agencies to go to every single person and collect the whole a lot of things that have been done by these agencies not any to

ANSWER NO. 1:

A)

For men

Overall mean consumption of fresh vegetable

$$\text{Mean} = 204+259+266+217/4 = 236.5$$

Mean of fruits

$$\text{Mean} = 31+45+69+105/4 = 62.5$$

Mean of rice

$$\text{Mean} = 367+337+269+246/4 = 304.75$$

Mean of fish

$$\text{Mean} = 23+28+31+44/4 = 31.5$$

Mean of meat

$$\text{Mean} = 70+61+69+77/4 = 69.25$$

For women

Mean of fresh vegetable

$$\text{Mean} = 178+235+266+304$$

Mean of fruits

$$\text{Mean} = 28+46+70+121/4 = 66.25$$

Mean Of rice

$$\text{Mean} = 315+276+243+220/4 = 263.5$$

Mean of meat

$$\text{Mean} = 48+43+54+63/4 = 52$$

Mean of fish

$$\text{Mean} = 39+21+28+46/4 = 28.5$$

Combined mean

Combined mean for men

c.m of fresh vegetable

$$\text{mean comb} = \frac{x_1n_1 + x_2n_2 + \dots + x_n n_n}{n_1+n_2 + \dots + n_n}$$

$$[(236.5)(204)+(236.5)(259)+(236.5)(266)$$

$$(236.5)(47)] / 204+259+266+217 = 236.5$$

Cm mean of rice

$$\text{Mean} = (367)(304.75)+(337)(304.75)+(269)(304.75)+(246)(304.75)$$

Cm mean of fish

$$\text{Mean} = (23)(31.5) + (31.5)(28) + (31)(31.5) + (31.5)(44)$$

$$\text{Mean} = 31.5$$

Cm mean of meat

$$\text{Mean} = (69.25)(70)+(69.25)(61)+(69.25)(69)+(69.25)(70)/70+61+69+70$$

$$\text{Mean} = 69.26$$

Combined mean of women

$$\text{Mean} = [(245.75)(178)+(245.75)(235)+(245.75)(266)+(245.75)(304)]/178+235+266+304$$

$$\text{Mean} = 245.75$$

Cm mean of meat

$$\text{Mean} = (52)(48) + (52)(43) + (52)(54) + (52)(63)/48+43+54+63$$

$$\text{Mean} = 52$$

G.M Antollogy

Class	F	X	Flogx
20-24	1	22	1.342
25-29	3	27	4.294
30-34	5	32	7.526
35-39	8	37	12.546
40-44	5	42	8.116
45-49	2	47	3.344
50-54	0	52	0
55-59	1	57	1.756/38.924

G.M= antiles [1/25(38.9240)]

G.M= 36.05

H. M

Class	F	X	F/X
20-24	1	22	0.455
25-29	3	27	0.111
30-34	5	32	0.156
35-39	8	37	0.216
40-44	5	42	0.119
45-49	2	47	0.042
50-54	8	52	0