

الساعة 1-12

الخميس 6 / 2 / 1439 هـ

اسم الطالبة :
رقم الطالبة :
رقم الشعبة :
رقم التسلسل :
أستاذة المقرر :

تعليمات

- 1-نقل جميع الاجابات الى ورقه التصحيح الالكتروني
- 2-التأكد من عدد الصفحات 4 صفحات و 25 سؤال

نموذج (A)

Best Wishes

Answer the following questions

Question 1:[A]

[1] Which one of the following is an example of parameter

- (A) median of age for all patients (B) mood of marks for 100 students from KSU.
(C) mean of weights of sample of children (D) all these

[2] The discrete variable is a

- (A) Variable with a specific number of values (Can have countable numbers of values)
(B) Variable which can't be measured
(C) Variable takes on values within intervals
(D) Qualitative variable

[3] One of the following is affected by extreme values:

- (A) Median (B) Mean (C) Mode

[4] One of the following is take into account all values of the sample:

- (A) Variance (B) Range (C) Median (D) Mode

[5] For the following data : red , green , black , green , red , green.
Then the best measure of central tendency is

- (A) Mean (B) variance (C) mode (D) median

[6] Which of the following is an example of ordinal variable:

- (A) Age (B) hair color (C) number of books (D) level of education

[B]For the sample of mothers at delivery ,we measure the quantity of sugar

Quantity of sugar	Frequency
80 – 89	15
90 – 99	25
100 – 109	10
110 –119
.....	20
Total	80

[7] The variable is

- (A) Mothers at delivery (B) Numbers of mothers.
(C) Quantity of sugar (D) Time with doctor.

[8] Type of variable is

- (A) ordinal (B) discrete (C) continuous (D) nominal

[9] The number of mothers with quantity of sugar from 110 to 119 is:

- (A) 20 (B) 15 (C) 0 (D) 10

[10] The last interval is

- (A) 119-129 (B) 120-129 (C) 120-130 (D) 119-120

[11] The relative frequency of mothers with quantity of sugar from 80 to 109 is:

- (A) 62.5% (B) 0.625 (C) 50 (D) 0.5

[12] The best graph for this data is:

- (A) bar chart (B) histogram (C) a and b (D) none of these

[13] The width of the interval is:

- (A) 5 (B) 1 (C) 9 (D) 10

[C] We measured the numbers of hours spent in exercising each week for a sample of 9 persons as follows

3 2 4 5 5 2 1 5 2

[14] The sample mode is

- (A) 3 (B) 2 (C) 2 and 5 (D) 3.2

[15] The sample range is

- (A) 1 (B) 3 (C) 5 (D) 4

[16] The sample median is

- (A) 2 (B) 3 (C) 5 (D) 4

[17] The sample mean is

- (A) 3.2 (B) 3 (C) 2 and 5 (D) 2

Question2:

[A] The following table gives the results of a survey to study the weights and high of students

	Mean	Standard deviation
weights	60	3
High	166	8.3

[18] The variance of weights is:

- A) 3 (B) 9 C) 1.73 D) 5%

[19] **Weights has:**

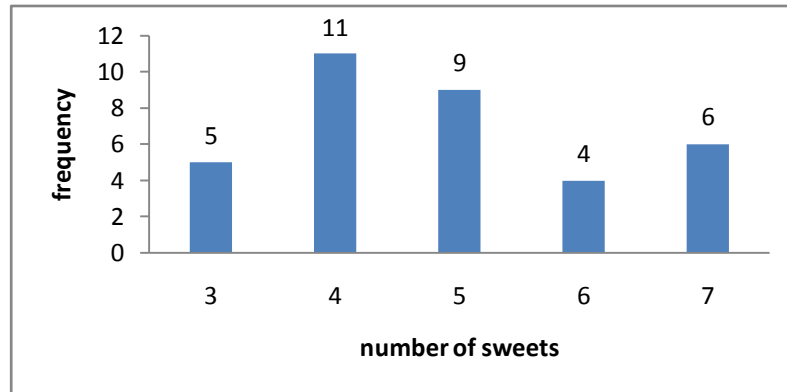
(A) More variation

(B) Less variation

(C) The same variation of high

(D) we cannot decide

[B] The following graph represents the number of eating sweets for a sample of children



[20] **The variable is:**

A) number of children

B) eating habit

(C) number of sweets

D) children eating sweets.

[21] **Sample size :**

A) 30

B) 11

(C) 35

D) 6

[22] **The mode is:**

(A) 4

B) 11

C) 7

D) 6

[23] **The number of children who ate the least number of sweets:**

A) 3

(B) 5

C) 4

D) 6

[24] **The percentage of the children who ate at most 5 sweets**

(A) 71.4%

B) 28.6%

C) 45.7%

D) 54.3%

[25] **The frequency for the children who ate 8 sweets:**

A) 35

(B) 0

C) 7

D) 6