

نماذج استرشادية الصف الخامس ابتدائي الترم الأول

..... Governorate	A pilot model for exam Mathematics First Term	Grade : 5 th primary
.... Educational Zone	For the fifth grade primary	Subject : Math
Midyear Exam 2020	According to the specifications of the examination paper	Time: 1.5 hours
	For the academic year 2019/2020	

Number questions	Type of question	score	Degree of student	
14	Choose	14	
8	Complete	8	
4	Solve problems	8	
Total		30		

Total score

30

School name.....

Name of pupil

sitting number

Subject/ Mathematics

Fifth grade primary

..... Governorate
..... Educational Zone
Midyear Exam 201 \ 201

Grade : 5th primary
Subject : Math
Model exam (1)

[A] Choose the correct answer from those between brackets:

(1) If $a \in X$, then $\{a\}$ X^{\setminus}

- (A) \in (B) \notin (C) \subset (D) $\not\subset$

(2) If $[2, a + 2] \not\subset \{2, 4, 6, 8\}$, then $a =$

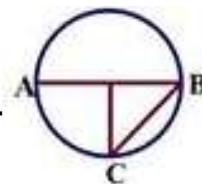
- (A) 2 (B) 4 (C) 6 (D) 8

(3) $X \cup X^{\setminus} =$

- (A) X (B) X^{\setminus} (C) U (D) \emptyset

(4) The chord of the circle M is

- (A) \overline{MC} (B) \overline{BC} (C) \overline{AM} (D) \overline{MB}



(5) if the probability of success pupils is $\frac{8}{10}$ then the probability of the failure is

- (A) $\frac{1}{8}$ (B) $\frac{3}{10}$ (C) $\frac{1}{5}$ (D) 1

(6) $4,2 \times \dots = 4200$

- (A) 10 (B) 100 (C) 1000 (D) 10000

(7) The set of digits of the number 5533 is

- (A) $\{5533\}$ (B) $\{55,33\}$ (C) $\{5,3\}$ (D) $\{53\}$

(8) If $X \cap Y = \emptyset$ then X, Y are sets

- (A) Equal (B) Intersecting (C) Disjoint (D) Contains

(9) A Square its side length 8,4cm , then its area = cm²

- (A) 4,2 (B) 16,8 (C) 70,56 (D) 33,6

(10) $3\frac{1}{8} \simeq$ To the nearest hundredth

- (A) 3,15 (B) 3,13 (C) 3 (D) 3,1

(11) The decimal which is included between 0,6 and 0,7 is

- (A) 0,71 (B) 0,59 (C) 0,61 (D) 0,72

(12) $19,45 \times 100$

- (A) 0,1945 (B) 1945 (C) 1,945 (D) 194,5

(13) If $X \subset Y$ and $Y \subset X$, then

- (A) $X = Y$ (B) $X - Y = X$ (C) $Y - X = Y$ (D) $X \cap Y = \emptyset$

(14) If $\frac{x}{8} = \frac{15}{24}$ then $x =$...

- (A) 3 (B) 4 (C) 5 (D) 12

[B] Complete:

(15) If $\frac{X}{7} = 1$ then $X =$

(16) The triangle in which there are two equal sides in length is called

(17) $7,81 \times 1000 = 78,1 \times$

(18) $\{2, 5, 7\} \cap \{3, 7, 1\} =$

(19) The diameter length of the circle whose radius 4cm is.....

(20) $8,43 \times 0,9 =$ \approx (to the nearest $\frac{1}{100}$)

(21) The probability of the impossible event is

(22) 7 hour + 44 minute + 60 second = hours

[c] Solve the following problems

(23) If $U = \{1,2,3,4,5,6\}$, $X = \{2,3,5\}$ and $Y = \{3,4,5\}$ Represent The sets by Venn diagram. Then write each the following by listing method

$$X \cap Y , X \cup Y , X - Y$$

(24) Find the product of $58,62 \times 35,2$ and approximate it to the nearest hundredth

(25) A bag contains 5 white balls , 9 red balls , 6 black balls All the ball are identical and equal in size. If a ball is drawn randomly. What is the probability that the drawn ball is (a) white (b) not red .

(26) Draw the isosceles triangle ABC in which $BC = 4$ cm and $AB = AC = 6$ cm Then. draw perpendicular segments from Their vertices to their three sides

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Grade : 5th primary
Subject :Math
Model exam (2)

[A] Choose the correct answer from those between brackets:

(1) $3 \dots\dots\dots \{2,3\} \cap \{2,4\}$

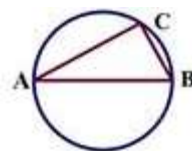
- (A) \in (B) \notin (C) \subset (D) $\not\subset$ (2)

(2) If $U = \{1,2,3,4\}$ and $A^c = \{1,4\}$ then $A = \dots\dots\dots$

- (A) $\{2\}$ (B) $\{3\}$ (C) $\{2,3\}$ (D) \emptyset

(3) In the opposite figure: \overline{AB} is a

- (A) Radius (B) Diameter (C) Chord (D) Circle



(4) If $\frac{2}{5} < \frac{x}{10} < \frac{3}{5}$ then $x = \dots\dots\dots$

- (A) 4 (B) 5 (C) 6 (D) 10

(5) The length of radius of the circle whose diameter of length 8cm. is cm

- (A) 4 (B) 8 (C) 16 (D) 2

(6) $(X^c)^c = \dots\dots\dots$

- (A) X (B) Y (C) U (D) X^c

(7) The probability of the sure event =

- (A) 0 (B) 1 (C) $\frac{1}{2}$ (D) \emptyset

(8) 67 months = years

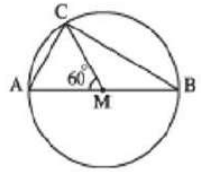
- (A) 5 (B) 6 (C) 7 (D) 8

(9) $23,4359 \approx \dots\dots\dots$ (to the nearest thousandth)

- (A) 23,44 (B) 23,436 (C) 23,4 (D) 23,43

(10) In opposite figure: $AC \dots\dots\dots AM$

- (A) $<$ (B) $>$ (C) $=$ (D) Other wise



(11) The probability of any event may equal.....

- (A) $\frac{5}{4}$ (B) $\frac{7}{8}$ (C) $\frac{3}{2}$ (D) 1,2

(12) 254 hours $\approx \dots\dots\dots$ day

- (A) 11 (B) 10 (C) 9 (D) 8

(13) The smallest fraction in the following is.....

- (A) $\frac{1}{3}$ (B) $\frac{5}{8}$ (C) $\frac{2}{9}$ (D) $\frac{2}{5}$

(14) If $U = \{2, 3, 4, 5, 6, 7\}$ then $\emptyset \dots\dots U$

- (A) \in (B) \notin (C) \subset (D) $\not\subset$

[B] Complete:

(15) $3 \frac{3}{8} = \dots\dots\dots \approx \dots\dots\dots$ (to the nearest hundredth)

(16) If the probability that a pupil passes an exam $\frac{8}{10}$, then the probability that this pupil fails is

(17) If $7 \in \{2, 5, x + 3\}$ then $x = \dots\dots\dots$

(18) $\frac{2}{7} < \frac{A}{14} < \frac{3}{7}$, then $A = \dots\dots\dots$

(19) If $\{a, 5\} = \{b, 3\}$, then $a + b = \dots\dots\dots$

(20) 1,9 , 2,8 , 3,7 , ,

(21) 5 hour + 29 minute + 60 second = hours

(22) The diameter of the circle of radius 2cm equalscm

[c] Solve the following problems

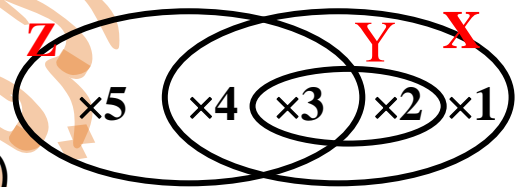
(23) Rearrange the following fractions descending:

$$\frac{1}{2}, 0,8, \frac{1}{4}, 0,3$$

(24) Use the opposite Venn diagram

To write the following sets

$$X \cap Y, X \cup Y, Z - (X \cap Y)$$



(25) The side length of a square is 5,06 meters. Find its area approximating it to the nearest hundredth.

(26) The following table lists the number of 120 volunteers in 3 groups

Group	Distributing	Printing	Design
Number of volunteers	60	30	30

A volunteer has been randomly selected what is the probability to be one of the printing groups?

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Model exam (3)

[A] Choose the correct answer from those between brackets:

(1) If $M = \{5,2,3\} \cap \{1,5\}$, then M $\{2\}$

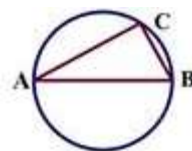
- (A) \in (B) \notin (C) \subset (D) $\not\subset$

(2) $345,6\text{cm} \simeq$ meter

- (A) 346 (B) 3,456 (C) 3 (D) 4

(3) In the opposite figure: \overline{AC} is a

- (A) Radius (B) Diameter (C) Chord (D) Circle



(4) If $\frac{2}{3} < \frac{x}{12} < \frac{5}{6}$ then $x =$

- (A) 3 (B) 5 (C) 9 (D) 11

(5) The probability of getting the number zero when tossing Die once is

- (A) 0 (B) 1 (C) $\frac{1}{2}$ (D) $\frac{1}{6}$

(6) $X^c \cap X =$

- (A) X (B) \emptyset (C) U (D) X^c

(7) $172 \times 0,003$ $0,172 \times 0,3$

- (A) $<$ (B) $=$ (C) $>$ (D) Other wise

(8) A die is tossed ones. The probability of getting a prime number is =

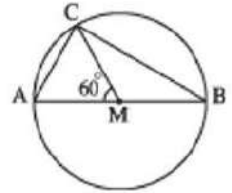
- (A) 0,25 (B) 1 (C) \emptyset (D) 0,5

(9) number of altitudes of an obtuse angled triangle is

- (A) 0 (B) 1 (C) 2 (D) 3

(10) In opposite figure: AC CM

- (A) < (B) > (C) = (D) Other wise



(11) The probability of any event may equal

- (A) $\frac{5}{4}$ (B) $\frac{7}{8}$ (C) $\frac{3}{2}$ (D) 1,2

(12) {2,11} set of odd numbers

- (A) \in (B) \notin (C) \subset (D) $\not\subset$

(13) The smallest fraction in the following is.....

- (A) $\frac{1}{3}$ (B) $\frac{5}{8}$ (C) $\frac{2}{9}$ (D) $\frac{2}{5}$

(14) $\{2, 3, 5\} \cup \emptyset = \dots\dots$

- (A) \emptyset (B) $\{2, 3, 5\}$ (C) $\{2\}$ (D) $\{3,5\}$

[B] Complete:

(15) $4 \frac{1}{3}$ minutes = Seconds

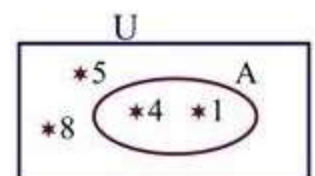
(16) If the probability that a pupil passes an exam $\frac{8}{10}$, then the probability that this pupil fails is

(17) If $5 \in \{3, 2, x\}$ then $x = \dots\dots$

(18) $42,5 + 6,148 = \dots\dots\dots \simeq \dots\dots\dots$ To the nearest $\frac{1}{10}$

(19) If $Y \subset X$ then $Y \cap X = \dots\dots\dots$

(20) In the opposite Venn diagram: $A^c = \dots\dots\dots$



(21) $\div 1000 = 8,31$

(22) The longest chord of the circles is

[c] Solve the following problems

(23) As throwing a fair die once, calculate the probability of:

(a) appearing a number greater than 6

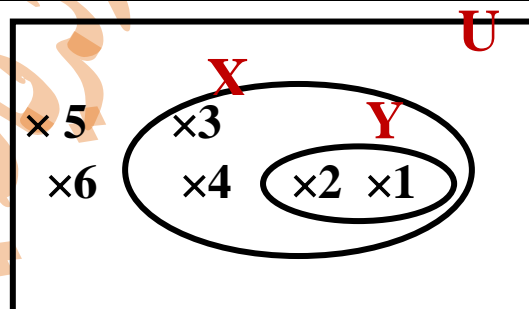
(b) an appearing even prime number

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.....

(24) Use the opposite Venn diagram

To write the following sets

$X \cap Y$, $X \cup Y$, $X - Y$



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.....

(25) A truck can hold 125 boxes of oranges at a time .How many times are needed to deliver 4375 boxes by that truck?

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.....

(26) Draw the triangle XYZ in which XY = 3 cm, YZ =5cm, XZ =7cm determine the types of the triangle according to the measures of his angles, draw the perpendicular segments from X to YZ and measure his length

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