



ACADEMIA
Sample Question

Class: VII

Time: I hour

Full Marks: 60

Name: _____ Mobile: _____ Date: _____

English-20

1. Identify nouns, verbs, adverbs and adjectives from the following words: (02)

N-noun	V-verb	adv-adverb	Adj-adjective
--------	--------	------------	---------------

Proof () prove () respectful () proudly ()
 assist () dangerous () angrily () courage ()

2. Write appropriate verbs in the following sentences: (03)

- a. My aunt always _____ (care) for me as her own daughter.
- b. My mother and sister _____ (shop) at the mall every Sunday.
- c. I _____ (watch) television when someone _____ (knock) at the door.

3. Change the following sentences from active to passive: (2)

a. Someone stole my car.

b. She sells milk and butter here.

4. Use appropriate articles in the following sentences: (2)

My sister goes to _____ university in America.

My friend is _____ waiter in _____ old restaurant who is the owner of _____ restaurant.

5. Re-write the sentences with appropriate punctuations: (2)

a. susan what are you doing.

b. she said hurry up or we will miss the bus

6. Form the plurals of the following words: 1

- a. cry _____
- b. journey _____
- c. tomato _____
- d. half _____

7. Write a paragraph of about 100 words on "The journey you enjoyed" 8

Mathematics-20

1. Which point shows the location of $\frac{3}{2}$ on the number line?

$20 \times 1 = 20$



- a. Point A b. Point B c. Point C d. Point D
2. Which list of numbers is ordered from least to greatest?
- a. $\frac{1}{2}$, $2\frac{1}{2}$, 0.2, 0.02 b. 0.02, 0.2, $2\frac{1}{2}$, $\frac{1}{2}$
- c. 0.02, 0.2, $\frac{1}{2}$, $2\frac{1}{2}$ d. 0.02, $2\frac{1}{2}$, 0.2, $\frac{1}{2}$
3. Which of the following fractions is closest to 0?

- a. $-\frac{5}{12}$ b. $-\frac{2}{3}$ c. $\frac{5}{6}$ d. $\frac{3}{4}$

4. What is the order of the following set of numbers from greatest to least?

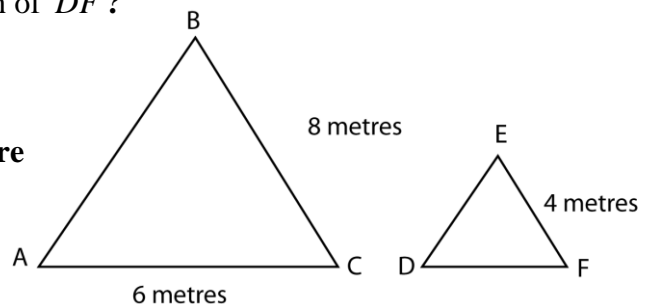
- a. $-\frac{1}{3}$, $\frac{2}{3}$, $\frac{9}{5}$, $1\frac{1}{3}$ b. $-\frac{1}{3}$, $1\frac{1}{3}$, $\frac{2}{3}$, $\frac{9}{5}$
- c. $\frac{9}{5}$, $\frac{2}{3}$, $1\frac{1}{3}$, $-\frac{1}{3}$ d. $\frac{9}{5}$, $1\frac{1}{3}$, $\frac{2}{3}$, $-\frac{1}{3}$

5. The weekly milk order for the Tranquility Inn includes 40 gallons of low-fat milk and 15 gallons of chocolate milk. What is the ratio of the number of low-fat gallons to chocolate gallons in the Tranquility Inn's weekly milk order?

- a. 3:1 b. 5:1 c. 5:3 d. 8:3

6. $\triangle ABC$ is similar to $\triangle DEF$. What is the length of \overline{DF} ?

- a. 2 metre b. 3 metre c. 5 metre d. 10 metre



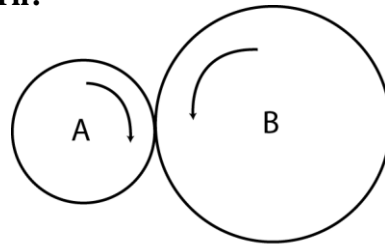
7. A farmer harvested 14,000 pounds of almonds from an 8 acre orchard. Which proportion could be solved to find x , the expected harvest from a 30 acre orchard?

- a. $\frac{8}{14,000} = \frac{x}{30}$ b. $\frac{8}{14,000} = \frac{30}{x}$ c. $\frac{8}{14,000} = \frac{x}{8}$ d. $\frac{8}{14,000} = \frac{8}{x}$

8. A certain map uses a scale of 1 inch equals 25 miles. How many miles are represented by 5 inches on this map?

- a. 5 b. 25 c. 50 d. 125

9. When wheel B turns 2 revolutions, wheel A turns 5 revolutions. When wheel A turns 40 revolutions, how many revolutions does wheel B turn?



- a. 4 b. 16 c. 80 d. 100

10. A company makes 5 blue cars for every 3 white cars it makes. If the company makes 15 white cars in one day, how many blue cars will it make?

- a. 9 b. 13 c. 17 d. 25

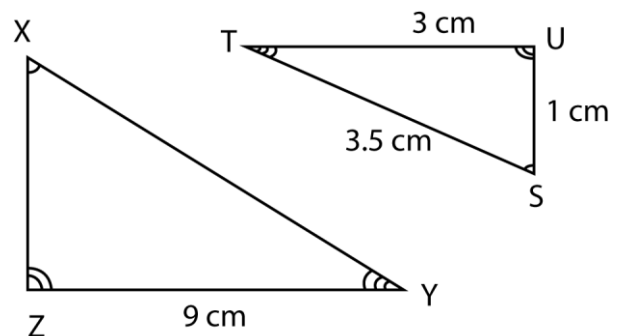
11. In a scale drawing, $\frac{1}{2}$ inch represents 3 feet. If the same scale is used, how many inches will be needed to represent 24 feet?

- a. 2 inches b. 4 inches c. 8 inches d. 12 inches

12. A survey of 1000 registered voters revealed that 450 people would vote for candidate A in an upcoming election. If 220,000 people vote in the election, how many votes would the survey takers predict candidate A should receive?

- a. 44,500 b. 48,880 c. 95,000 d. 99,000

13. $\triangle XYZ$ is similar to $\triangle STU$. What is the length of \overline{XY} ?



- a. 9 b. 10.5 c. 12 d. 12.5

14. The vice president of sales took a client out to lunch. If the lunch was \$44 and she gave a 20% tip, how much money did she spend on lunch?

- a. \$8.80 b. \$35.20 c. \$52.80 d. \$53.80

15. If 50% of a number is 20, what is 75% of the number?

- a. 8 b. 15 c. 30 d. 45

16. What is 60% of 30?

- a. 1.8 b. 18 c. 180 d. 1800

17. The original price of a new bicycle is \$138.00. If the bicycle is marked down 15%, what is the new price?

a. \$20.70 b. \$117.30 c. \$123.00 d. \$158.70

18. What is $\frac{10}{11} \times \frac{11}{12}$?

a. $\frac{5}{6}$ b. $\frac{21}{23}$ c. $1\frac{1}{120}$ d. 2

19. If k=6, what is the value of 7k-2?

a. 30 b. 40 c. 54 d. 65

20. What is the product of $\frac{2}{5}$ and $\frac{4}{5}$?

a. $\frac{1}{5}$ b. $\frac{8}{25}$ c. $\frac{1}{2}$ d. $\frac{6}{5}$

General Knowledge: 10

- How many years make a millennium?
i) 100 ii) 1000 iii) 10000
- Which one is the biggest Island in the world-
i) Greenland ii) Antactica iii) Masadascar
- What is the name of our galaxy?
i) The solar system ii) The Milky Way.
- The world's largest selling book is the-
i) Holy Bible ii) Harry Potter Series iii) Adventure of Tom Sawyer
- The world largest natural lake is the-
i) Caspian Sea ii) Lake Baikal iii) Chilka lake
- How many times Germany won FIFA world cup-
i) 2 ii) 3 iii) 4
- Is the bat a-
i) Mammal ii) Bird iii)
- Is the tomato a fruit?
i) Yes ii) No
- Who is known as the Great Mughal?
i) Emperor Jahangir ii) Emperor Akbar iii)
- The largest bird in the world is the-
i) Ostrich ii) Penguin iii) Vulture

Science-Marks: 10

- The substance which is dissolved is called the –
i) solvent ii) solute
- Whwn there is more than one current path round a circuit it is called a _____
i) series circuit ii) parallel circuit
- Each plant or animal cell contains a-
i) Nucleus ii) chlorophy II
- The main organs in respiratory system are-
i) kidney, ureter and bladder ii) windpipe, Lung and heart
- Colds and flu are caused by-
i) Bacteria ii) Virus
- Substances with a sour taste contain an-
i) Alkhali ii) Acid
- DNA stand for-

i) Deoxyribonucleic Acid ii) Deoxy nucleic Acid

8. Vinegar is a _____ acid.

i) strong ii) weak

9. What name is given to a change which is easily reversed?

i) physical changes ii) chemical changes

10. _____ are the factors that control our inheritance.

i) genes ii) species.