



ACADEMIA

Sample Question

Class: VI

Time: 1 hour

Totals Marks: 60

Name: _____ Mobile: _____ Date: _____

English: 20 Marks

1. Insert the correct form of each of the words in brackets into the space provided: (0.25×8=2)

- a. At no stage was Grimble _____ (ability) to _____ (relaxation).
- b. The risk of _____ (accident) injury is great.
- c. After the smash, the driver of the car lost _____ (conscious).
- d. The _____ (different) between the two statements was soon apparent.
- e. The _____ (assistance) helped him along the doctor.
- f. Excuse me, but I can _____ (compelled) you to attend my detention class if I so desire.
- g. A rat on the loose can cause a lot of _____ (miserable)

2. Form the plurals of the following nouns: (0.25×6=1.5)

- gallery _____ journey _____ datum _____
 cry _____ half _____ tomato _____

3. Write the opposite gender for each of the following: (0.25×6=1.5)

- emperor _____ host _____
 waiter _____ bull _____
 gentleman _____ dog _____

4. Write down the verbs formed from each of the following words: (0.25×8=2)

- simple _____ horror _____ pure _____ dark _____
 sharp _____ speech _____ large _____ proof _____

5. Match the words with their synonymous words (2.5)

efficient	completely confused
futile	a difficult or painful experience
hastily	skilful
precaution	sudden disaster
ordeal	accomplish
bewildered	uproar
deliberately	in vein/useless
achieve	care taken to avoid accident or disease etc
catastrophe	intentionally
upheaval	hurriedly

6. Write the antonyms of: (2.5)

- a) friend _____ b) ascend _____
- c) asleep _____ d) fresh _____
- e) east _____

7. Change the voice of these sentences.

(4)

a) The news shocked him

Ans. _____

b) My mother is cooking food

Ans. _____

c) He eats rice every day

Ans. _____

d) I gave her a book

Ans. _____

Section D:

8. Write a paragraph of about 100 to 120 words on one of the following topics:

(4)

1. My family 2. Your favourite festival in Bangladesh

3. Advantages and disadvantages of computer

Maths:20

1. What is 6050.287 rounded to the nearest ten?

a. 6050 b. 6100 c. 6050.29 d. 6050.3

2. What is 40% of 250?

a. 50 b. 100 c. 150 d. 200

3. What is $\frac{3}{8}$ written as a percent?

a. 26.7% b. 30% c. 37.5% d. 80%

4. What is the decimal 0.7 written as a fraction?

a. $\frac{1}{7}$ b. $\frac{3}{4}$ c. $\frac{3}{7}$ d. $\frac{7}{10}$

5. A company donated 200 books to a local library. If 70 of them are fiction, what percent of the donated books are fiction?

a. 35% b. 40% c. 60% d. 65%

6. Veronica can type 28 words per minute. At this rate, how many words can Veronica type in 5.5 minutes?

a. 154 b. 157 c. 159 d. 162

7. What decimal is equal to $\frac{3}{5}$?

a. 0.30 b. 0.35 c. 0.60 d. 1.67

8. What is 50% of 40?

a. 2000 b. 200 c. 20 d. 2

9. $5^3 = ?$

a. $5 \times 5 \times 5$ b. $5+5+5$ c. $3 \times 3 \times 3 \times 3 \times 3$ d. $3+3+3+3+3$

10. $35,705 \div 37 =$

- a. 89 b. 843 c. 925 d. 965

11. What is the prime factorization of 36?

- a. $2^2 \times 3^2$ b. $2^2 \times 3^3$ c. 4×3^2 d. 4×9

12. John runs $\frac{8}{10}$ mile every day. How many miles does he run in 30 days?

- a. 18 b. 24 c. 30 d. 38

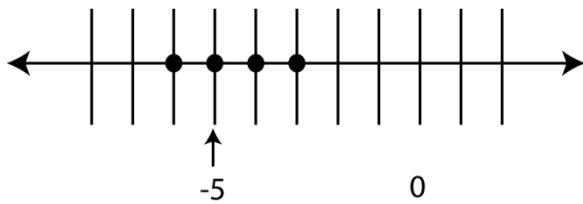
13. Which expression shows the prime factorization of 48?

- a. 6×8 b. $2 \times 4 \times 6$ c. $2 \times 2 \times 2 \times 6$ d. $2 \times 2 \times 2 \times 2 \times 3$

14. What are all of the different prime factors of 36?

- a. 3 b. 7 c. 2 and 3 d. 3 and 7

15. P Q R S



Which letter on the number line best identifies the location of -6?

- a. P b. Q c. R d. S

16. $2\frac{1}{3} + 4\frac{1}{2} =$

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

17. It takes Suzanne $\frac{1}{6}$ hour to walk to the playground and $\frac{1}{3}$ hour to walk from the playground to school. How much total time does it takes Suzanne to walk to the playground and then to school?

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

18. $12 \div \frac{3}{4} =$

- a. 9 b. $9\frac{1}{4}$ c. $12\frac{3}{4}$ d. 16

19. What is the denominator when $\frac{5}{6}$ is multiplied by $\frac{7}{8}$?
- a. 35 b. 40 c. 42 d. 48
20. At a school, there are 704 desks to place into 22 classrooms. If the same number of desks is placed in each classroom, how many desks will be in each room?
- a. 32 b. 34 c. 42 d. 44

General Knowledge: 10

- How many lines are in our National anthem?
i) First ten lines. ii) First twelve lines. iii) First eleven lines.
- The national flag of Bangladesh is similar to-
i) The National flag of Japan and Palau. ii) The National flag of India and Nepal.
- City with the most people in it is-
i) Seoul ii) Tokyo iii) New York
- ICC world cup T20 champion is-
i) New Zealand ii) West Indies iii) India
- When was the Parliament Democracy started?
i) 6 August, 1991. ii) 7 August, 1992. iii) 6 September, 1991.
- What is the Higher Court of Bangladesh?
i) Supreme Court. ii) Judge Court. iii) High Court
- Who is the architect of our national Monument-
i) Moinul Hossain ii) Kamrul Hossain iii) Fazlur Rahman
- Statue of Liberty situated in-
i) U.S.A ii) U.K iii) U.A.E
- How many planets are there in solar system-
i) 9 ii) 8 iii) 7
- When has the temporary constitution been announced?
i) 11 January 1972 ii) 12 January 1973 iii) 11 January 1974

Science-Marks: 10

Tick (✓) the correct answers:

- Mangrove trees grow in-
i) Swampy area ii) Desert area iii) Loamy area iv) every where
- The food making process of plants is called-
i) Photosynthesis ii) Starch iii) Germination iv) Dispersal
- Any movement by an animal from one place to another-
i) respiration ii) Germination iii) reproduction iv) locomotion
- A plant traps small insects-
i) Venus flytrap ii) Rafflesia iii) Balsam iv) Dandelion
- The most important gas for human is-
i) Carbon dioxide ii) nitrogen iii) oxygen iv) neon
- The green substance in some plants-
i) photosynthesis ii) starch iii) chlorophyll iv) stomata
- Insects breathe through small holes called-

- i) spiracles ii) stomata iii) nostrils iv) proes
8. A gas which protects us from harmful rays-
- i) helium ii) ozone iii) neon iv) carbon dioxide
9. Light travels at a speed of –
- i) 3 km/sec ii) 30,000 km/sec iii) 300,000 km/sec iv) 3,000,000 km/sec
10. Electricity produced from falling water.-
- i) hydroelectricity ii) electricity