

GAT General Sample Paper

Number of Questions: 100

Time allowed: 120 minutes



GAT General consists of three sections:

1. English
2. Quantitative
3. Analytical Reasoning

English

This section contains the following types of questions:

- Vocabulary (Synonyms, Antonyms, Analogies, Sentence Completion)
- Word Choice (with respect to grammar)
- Word Choice (with respect to vocabulary)
- Grammar
- Summary Completion
- Reading Comprehension

Quantitative

This section contains questions from following topics:

- Basic Algebra
- Word Problems
- Arithmetic and Logic
- Geometry

Analytical Reasoning

This section contains following types of questions:

- Collecting given information
- Conclusion; after gathering given information
- Inference from the given information and conclusion

**GAT Sample Paper
Section-A (English)**

Synonyms

1. RESTIVE
(A) Restful
(B) Restless
(C) Crucial
(D) Pause

2. CRAVEN
(A) Cowardly
(B) Laziness
(C) Politely
(D) Arrogant

Answers and Explanation:

1. (B) Restive means Restless
2. (A) Craven means Cowardly

Antonyms

3. PERFIDY
(A) To impure
(B) Thoroughness
(C) Purification
(D) Loyalty

4. EFFICACY
(A) Strange
(B) Well-known
(C) Inefficiency
(D) Effectiveness

Answers and Explanation:

3. (D) Perfidy means disloyalty, treachery, deceives. Hence, antonym is Loyalty.
4. (C) Efficacy means effectiveness. Hence, antonym is Inefficiency

Analogies

Recognize the relation between the given pair of words (in capital). And, select the pair of words from the given options that best expresses a relationship similar to that in capital pair of words.

5. CARPENTER : SAW

- (A) athlete : runner
- (B) assembly : member
- (C) mason : wall
- (D) reaper : sickle

6. MENDACITY : HONESTY

- (A) courage : cravenness
- (B) wickedness : lie
- (C) money : wealth
- (D) acclaim : truthfulness

Answers and Explanation

5. (D) A carpenter uses a saw, and reaper uses a sickle to cut the grain.
6. (A) Mendacity means dishonesty, hence, Mendacity and honesty are antonyms.
Cravenness means Cowardness, and courage means bravery; hence both are antonyms.

Summary Completion

Complete the following summary with suitable answers

When you can measure (7)_____ you are speaking about, and express it (8)_____ numbers, you know something (9)_____ it; when you cannot measure it, when you cannot (10)_____ it in numbers, your knowledge is of a meager and unsatisfactory kind; it may be the beginning of knowledge, but you have (11)_____, in your thoughts, advanced to the stage of science.

7.

- (A) when
- (B) what
- (C) where
- (D) whom

8.

- (A) in
- (B) to
- (C) from
- (D) with

9.

- (A) for
- (B) within
- (C) about
- (D) nearly

10.
(A) tell
(B) ask
(C) say
(D) express

11.
(A) immature
(B) scarcely
(C) arrogantly
(D) lack

Answers

7. (B)
8. (A)
9. (C)
10. (D)
11. (B)

Grammar

12. Anas, Umar and I _____ going.
(A) am
(B) was
(C) are
(D) have been

13. If I _____ time, I would have purchased it yesterday.
(A) had had
(B) would had
(C) would have
(D) had have

Answers

12. (C)
13. (A)

Reading Comprehension

Read the following paragraphs carefully and choose the correct answers from the options given below

These huge waves wreak terrific damage when they crash on the shores of distant lands or continents. Under a perfectly sunny sky and from an apparently calm sea, a wall of water may break twenty or thirty feet high over beaches and waterfronts, crushing houses and drowning unsuspecting residents and bathers in its path.

How are these waves formed? When a submarine earthquake occurs, it is likely to set up a tremendous amount of shock, disturbing the quiet waters of the deep ocean. This disturbance travels to the surface and forms a huge swell in the ocean many miles across. It rolls outward in all directions, and the water lowers in the centre as another swell looms up. Thus a series of concentric swells are formed similar to those made when a coin or small pebble is dropped into a basin of water. The big difference is in the size. Each of the concentric rings of basin water traveling out toward the edge is only about an inch across and less than a quarter of an inch high. The swells in the ocean are sometimes nearly a mile wide and rise to several multiple of ten feet in height.

Many of us have heard about these waves, called "tsunami". Nothing was done about tsunamis until after World War II. An underwater earthquake in the Aleutian Islands could start a swell that would break along the shores and cause severe damage. These waves travel hundreds of miles an hour, and one can understand how they would crash!

14. One surprising aspect of the waves discussed in the passage is the fact that they

- (A) are formed in concentric patterns
- (B) often strike during clear weather
- (C) arise under conditions of cold temperature
- (D) are produced by deep swells

15. It is believed that the waves are caused by

- (A) seismic changes
- (B) concentric time belts
- (C) underwater earthquakes
- (D) storms

16. The normal maximum width of the waves is approximately

- (A) one mile
- (B) five miles
- (C) five feet
- (D) ten feet

17. Nothing was done about the waves until
(A) deaths occurred
(B) a solution was found
(C) millions of dollars worth of damage was incurred
(D) the outbreak of World War II
18. The movement of the waves has been measured at a speed of
(A) 1 mile an hour
(B) 50 miles an hour
(C) 100 miles an hour
(D) more than a hundred miles an hour

Answers

14. (B)
15. (C)
16. (A)
17. (D)
18. (D)

Analytical Reasoning - GAT Sample Paper
GAT Analytical Reasoning (Sample Questions, Answers and Explanation)

Question (19-23) 7 persons live in a street, having houses in line. Consider the following:

1. A lives in the corner's house
2. C is between E and G
3. There is 1 house between D and F
4. F is neighbor of G
5. There are two houses between A and G

19. Who lives in the second corner?

- (A) B
(B) C
(C) D
(D) E
(D) F

20. Who lives in the middle?

- (A) C
(B) D
(C) E
(D) F
(E) G

21. Who lives between B and G?

- (A) C
- (B) D
- (C) E
- (D) F
- (E) G

22. _____ is neighbor of A?

- (A) B
- (B) C
- (C) E
- (D) F
- (E) G

23. There are _____ houses between B and E?

- (A) 0
- (B) 1
- (C) 2
- (D) 3
- (E) 4

Answers and Explanation

Note down the given information

NOTE: 7 persons live in a street

So, we can draw 7 lines: _____

1. A lives in the corner's house

So, there are two possibilities:

A _____ OR _____ A

2. C is between E and G

Here, also two possibilities:

E C G OR G C E

3. There is 1 house between D and F

Two possibilities: D F OR F D

4. F is neighbor of G

F G OR G F

5. There are two houses between A and G

A _____ G OR G _____ A

Now gather the given information

Two houses between A and G: A _ _ _ G _ _ _ _
 C is between E and G: A E C G _ _ _ _
 F is neighbor of G: A E C G F _ _ _ _
 1 house between D and F: A E C G F _ D
 And finally: A E C G F B D
 Check whether all the given information is true or not

Answers:

- 19. (C)
- 20. (E)
- 21. (D)
- 22. (E)
- 23. (D)

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GAT Quantitative Section

24. Solve for x : when $\frac{x}{2} + 3 = x - y$

- (A) $x = y + 2$
- (B) $x = y + 4$
- (C) $x = y + 6$
- (D) $x = 2y + 4$
- (E) $x = 2y + 6$

Solution

$$\frac{x}{2} + 3 = x - y$$

$$\frac{x}{2} = x - y - 3$$

$$x = 2(x - y - 3)$$

$$x = 2x - 2y - 6$$

$$x - 2x = -2y - 6$$

$$-x = -2y - 6$$

$$x = 2y + 6$$

Hence, answer is (E)

25. The straight line $2x + 3y + 4 = 0$ touches the x -axis at?

- (A) $x = -2$
- (B) $x = 2$
- (C) $x = 1$
- (D) $x = -1$
- (E) $x = 0$

Solution

The line touches the x -axis when $y = 0$

So, put $y = 0$ in the given equation:

$$2x + 3y + 4 = 0$$

$$2x + 3(0) + 4 = 0$$

$$2x + 4 = 0$$

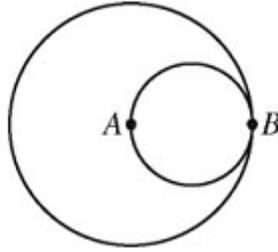
$$2x = -4$$

$$x = \frac{-4}{2}$$

$$x = -2$$

Hence, answer is (A)

26.



Consider the larger circle and an inner circle. Point A is center of larger circle. If the line AB (not drawn) is 7 cm in length, then find the area of larger circle.

- (A) 94 cm
- (B) 112 cm
- (C) 136 cm
- (D) 154 cm

Solution

Line AB which is diameter of inner circle = 7 cm

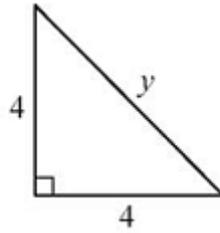
It is also the radius of larger circle, since A is center point of larger circle.

We know that the area of a circle = $\frac{22}{7} \times (\text{radius})^2$

Hence, Area of larger circle = $\frac{22}{7} \times 7^2 = 22 \times 7 = 154$ cm

Hence, answer is (D)

27.



The value of y in the above triangle is?

- (A) $\sqrt{16}$
- (B) 16
- (C) $\sqrt{32}$
- (D) 32

Solution

Since the above triangle is right-triangle. Hence,

$$4^2 + 4^2 = y^2$$

$$16 + 16 = y^2$$

$$32 = y^2$$

$$\sqrt{32} = y$$

Hence, the answer is (C)

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