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Admission Test for  
Undergraduate Programs

# PU-CSP USAT-CS(P)

• COMPUTER SCIENCE / PHYSICS

After 12-Years / Equivalent Education in Any Discipline

MCQs With Explanatory Answers

HIGHER  
SCORE  
GUARANTEED



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For Computer Science (Physics Group)

iii SELECTION  
PROCEDURE

...ntly," or essentially or intrinsically unmanly nature of the word in this sentence. It indicates that there is a relationship between the pair of words should necessarily be the same. Choice C is the only pair with such a relationship.

is "that is." This phrase tells you that there is a restatement of what is previously stated. In this case, we know that the primary reason they are vegetarians is that they can afford to eat meat only infrequently rather than conditions outside their selector rather than conditions outside their meat when they can afford to buy it or for a secretive vegetarianism and since this choice cannot be true. This leaves only celebrations or "whenever" they can

the lecture hall is dealing with the volume must indicate a degree of increase of the is an antonym and, therefore, excluded. means something notable. Although increase from notable, this is not the cases A and C both represent a degree of qualified. Choice D, "commodious" and to hold a large quantity.

upport," which cannot apply as the clue retrary's basic beliefs are incongruent. vely acknowledge. Choice D suggests at odds with her character and morals ion of how she would go along with

urpose of going fishing, the sentence estion. Therefore, we are looking for t catching fish. Answer Choice B,

...overrated," would indicate that while the expectation was that this location would be good for fishing, something was amiss.

7. The correct choice is B.  
Explanation: The clue here is in the phrase that states he should not have strayed from the subject of his speech. The best word is Choice B, "digressive."

8. The correct choice is E.  
Explanation: The clue phrase here is, "... as if he were a diplomat without regard for the laws or rules of proper behavior. In this regard, Choice E, "disdain," best represents the actions akin to a disregard for laws or rules.

9. The correct choice is C.  
Explanation: We are looking for a word that would indicate disbelief. We also know that we are looking for an adjective. Don't let a word like obdurate throw you. Although the listener might indeed be stubborn in his willingness to believe the story being told, the sentence clues still call for disbelief. Therefore, Choice C, "incredulous," or skeptical and showing disbelief is correct.

10. The correct choice is D.  
Explanation: The clue phrase, "... was as discordant as ..." indicates we are looking for a synonym to discordant. As Choice B, "harmonic," indicates pleasing tones musically aligned, it must be eliminated. Choices A, C, and E, "blaring," "sequencing," and "syncopated" or volume and timing have nothing to do with discordance and should likewise all be eliminated. Only answer Choice D, "cacophony," indicates discordant, displeasing sounds.

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### Sentence Completion Skill Set Two:

Each sentence below has one or two blanks, each blank indicating that something has been omitted. Beneath the sentence are five words or sets of words labelled A through E. Choose the word or set of words that, when inserted in the sentence, best fits the meaning of the sentence as a whole.

- Her \_\_\_\_\_ demeanor was understandable given the loss of her brother; indeed, most of us were rather \_\_\_\_\_.  
 A. lachrymose...dolorous ✓      B. reprehensible...enigmatic  
 C. subtle...raucous      D. determined...committed  
 E. displaced...focused
- It was a rather \_\_\_\_\_ mystery, full of twists and turns and surprises and \_\_\_\_\_ most difficult to predict.  
 A. tawdry...foreshadowing      B. knotty...nuances ✓  
 C. subtle...characters      D. obvious...reversals  
 E. easily understood...clever redirections
- He is the \_\_\_\_\_ of evil; he lies, cheats, steals, murders, and boasts of his anti-societal behavior.  
 A. antithesis      B. plaintiff      C. epitome ✓  
 D. harbinger      E. picture

Following the above, we have the value

$$= \frac{100 + 20}{100 + 50} \times 100\%$$

$$= \frac{120}{150} \times 100\%$$

$$= 80\%$$

**Important Tip:**

If the first value is  $r\%$  more than the second value, then the second is  $\left[ \frac{r}{100+r} \times 100 \right]\%$  less than the first value.

**Example 5:**

If Hamza's salary is 35% more than that of Osama, then how much percent is Osama's salary less than that of Hamza?

**Solution:**  
Following the above rules, we have the value

$$= \left[ \frac{35}{100+35} \times 100 \right]\%$$

$$= \left[ \frac{35}{135} \times 100 \right]\%$$

**Important Tip:**

If the first value is  $r\%$  less than the second value, then the second is  $\left[ \frac{r}{100-r} \times 100 \right]\%$  more than the first value.

**Multiple Choice Questions (MCQs)**

- Q1. If the base of a rectangle is increased by 40% and its altitude is decreased by 20%, then its area is:  
 (A) decreased by 20% (B) increased by 12%  
 (C) decreased by 12% (D) increased by 16%
- Q2. If  $x\%$  of  $y$  is 20, then  $y =$   
 (A)  $2000x$  (B)  $\frac{100}{x}$   
 (C)  $\frac{2000}{x}$  (D)  $\frac{x}{200}$
- Q3. 12 is  $\frac{1}{3}\%$  of what number?  
 (A) 4 (B) 400