NVIDIA Model Placement Questions Paper

VERBAL ABILITY:

Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Work expands so as to fill the time available for its completion. The general recognition of this fact is shown in the proverbial phrase. It is the busiest man who has time to spare. Thus, an elderly lady at leisure can spend the entire day writing a postcard to her niece. An hour will be spent in writing a postcard , another hunting for spectacles, half an hour to search for the address , an hour and a quarter in composition and twenty minutes in deciding whether or not to take an umbrella when going to the pillar box in the street. The total effort that could occupy a busy man for three minutes, all told may in this fashion leave another person completely exhausted after a day of doubt, anxiety and toil.

Q1. Who is the person likely to take more time to do work:

    A) a busy man.
    B) a man of leisure.
    C) an elderly person.
    D) an exhausted person

<u>ANS:</u> B

Q2. What does the expression pillar box stand for?

    A) a box attached to the pillar.
    B) a box in the pillar
    C) box office.
    D) a pillar type postbox.

<u>ANS:</u> D

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Q3. What happens when the time to be spent on some work increases?

    A) the work is done smoothly.
    B) the work is done leisurely.
    C) work consumes all the time.
    D) The work needs additional time.

ANS: C

Q4. What is the total time spent by the elderly lady in writing a postcard?

    A) Three minutes.
    B) four hours and five minutes.
    C) half day
    D) the entire day.

ANS: D

Q5. Explain the sentence: work expands so as to fill the time available for its completion.

    A) The more work there is to be done, the more time needed.
    B) Whatever time is available for a given amount of work, all of it will be used.
    C) If you have more time you can do some work.
    D) If you have some important work to do, you should always have some additional time.

ANS: B

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Q1. How to identify a singly linked list that whether it is circular or not?

Q2. A circuit consisted on 1 register followed by logic circuit and a different register and a different logic circuit. Which is feedback to 1st register?

Q3. Can a circuit operate at 1MHz? If not, elaborate the modifications to be made?

Q4. To construct a 2^n :1 MUX, how many least number of 2:1 MUXes are needed?

Q5. If propagation delay of every MUX is 1n sec what will be the propagation delay of the above built circuit?

Q6. A few questions on Address banks and had a few figure.

Q7. Different questions on digital electronics made of delay FF and asynchronous input.

Q8. There were provided a few Setup time and hold time for register and the logic circuit were provided with max and min delay. Obtain out the minimum frequency of operation.

Q9. Aptitude question: Two Races held for A, B, C and D. A few conditions provided and asked to obtain out the positions.