

Test Code - SAMPLE

The questions given below is an indicative set of questions for the Gyanville Admission Test. It should not be construed that the admission test will contain exactly similar topics. Question numbers change.

PART A
Maths & Reasoning

1. Anuj's starting salary was Rs.25000. If it increased by 25% in the next year, what would be his new salary?
A. Rs. 25250 B. Rs. 31250
C. Rs. 30000 D. Rs. 27500

2. Four gardeners with four grass mowers can mow 400m² of ground in four hours. How long would it take for eight gardeners with eight grass mowers to mow 800m² of ground?
A. 8 hours B. 6 hours
C. 12 hours D. 4 hours

Read the given information and answer the questions that follow.

The City College has a total of 3330 students, out of which:

- a) 200 students speak Hindi, Bengali and English.
 - b) 1500 students speak English.
 - c) 1400 students speak Bengali.
 - d) 1200 students speak Hindi
 - e) Of the Hindi speaking, 600 speak either English or Bengali or both.
 - f) 500 students speak Bengali and English.
 - g) 400 English speaking students also speak Hindi.
3. How many students speak only English?
A. 200 B. 400
C. 600 D. 800

Verbal Aptitude

Read the following passage and answer the questions that follow:

Insects are most numerous & successful creatures on Earth. Their species richness or diversity surpasses any other group of organisms. Throughout the insect evolution, several factors have combined to make insects the most successful of all species on this planet. There are several reasons for their success, mainly their ability to fly and reproduce quickly, their

generally small size, and their protective cuticle (external exoskeleton), their insulated central nervous system and their unusual wing folding mechanism. The early fliers were not able to fold their wings back along their bodies but by the middle of Carboniferous period, some insects had evolved this ability, and it allowed them to use a far greater range of microhabitats, such as cracks and crevices in dead wood, inside leaf litter, or under stones. The descendants of these species were highly successful, and today it is only dragonflies and mayflies that cannot fold their wings in this way.

Even the developmental stage includes the secrets as insect develop to adulthood by molting periodically throughout their life. Winged insects changes either by a gradual process, called incomplete metamorphosis (where the young look like smaller versions of the adults called nymph - as in dragonflies and mayflies), or undergo a more sudden transformation, called complete metamorphosis (where the young look very different to the adults - as in beetles, moths and butterflies), in which the fully grown larva pupates and attaches itself to the underside of a leaf and sheds its last larval skin. The larva remains immobile and the pupal cuticle underneath hardens and becomes dark. The pupal stage proceeds in response to climatic conditions (the pupa made it possible for insects to survive a period of stress). Pupation could remain for about 4 to 5 weeks, depending on conditions such as temperature and the supply of food. Larvae became "eating machines" and adults "breeding machines." The success of the pupal stage can be seen clearly today.

4. Identify the word from the given options, which is closest in meaning to 'surpass'
A. Be varied in number
B. Be superior to
C. Make gradual progress
D. Be strange

Identify the meaning of the highlighted word.

5. The **amiable** young man greeted me consciously.
A. Cordial B. Handsome
C. Uncivilized D. Posh

6. By the time I went to college, all my friends _____.
A. has left B. had left
C. left D. leaves

General Awareness

7. Sunderbans have which type of forests
A. Rain forest B. Coniferous
C. Deciduous D. Mangrove

8. 2018 Football world cup hosted in?
A. Argentina B. Brazil
C. Russia D. Qatar

9. Chanda Kochhar has quit her position as the CEO and MD of which of these banks, with immediate effect?
A. ICICI B. Axis
C. PNB D. SBI

PART B
Maths & Reasoning

Directions for Questions: In each of the following questions, 3 of the given 5 terms are alike in certain way. Identify the odd ones.

10. A. Vembanad B. Dal
C. Chilka D. Siachen
E. Gangotri

11. Solve For z, $36z^2 - 12cz + (c^2 - d^2) = 0$
A. $\frac{c-d}{6}$ B. $\frac{c+d}{4}$
C. $\frac{c-d}{4}$ D. $\frac{c-d}{3}$
E. $\frac{c+d}{6}$

Verbal Aptitude

Fill in the blanks with the most appropriate words.

12. Your maid is a normal human being. If you ill-treat her it reflects your _____ and narrow-mindedness. People should be treated equally without any discrimination.
A. sensitivity B. prejudice
C. pride D. bias
E. sanity

General Awareness

13. Which among the following rivers are flow across multiple countries?
A. Mahanadi B. Brahmaputra
C. Thames D. Amazon
E. Nile

14. Identify the people whose signatures are found on Indian currency released after 2014?
A. D. Subba Rao B. Urijit Patel
C. Raghuram Rajan D. C. Ranga Rajan
E. I. G. Patel

15. Identify the events which can be linked with 1920?
A. Simon Go back
B. Jalian Wala Bagh
C. End of First world war
D. Begin of Non cooperation
E. NAZI party formed

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