

○ HEXAWARE PGET (Premier Graduate Engineer Trainee) - JD ○

Selection Process: (There Are 3 Section):

- 1) Aptitude Test:
- 2) Technical Test:
- 3) Coding Section:
- 4) Interview: a) Technical Round.
 b) HR Round.

Test 1: Aptitude Test: (60 Min & 60 Qsn):

- Three Sections: 1) English.
- 2) Analytical Reasoning.
- 3) Quantitative Aptitude.

☒ **Note:** No Negative Marking.

Test 2: Technical Test: (30 Min & 30 Qsn):

- Two Sections: 1) Pseudocode.
- 2) Computer Fundamentals.

☒ **Note:** Only those candidates who will clear the cut-off of Aptitude Test will be redirected to Technical Test.

Test 3: Coding Section: (40min & 2 Qsn):

☒ **Note:** Only those candidates who will clear the cut-off of Technical Test will be redirected to the Programming Test.

Quants Section:

- 1) LCM & HCF.
- 2) Percentagr.
- 3) Ranking Based.
- 4) Ratio & Proportions.
- 5) Ages.
- 6) Speed Time & Distance.
- 7) Probability.
- 8) Time & Work.
- 9) Profit & Loss.
- 10) Line Graph.
- 11) Bar Graph.
- 12) Tabular DI.
- 13) Pie Chart.

Logical Section:

- 1) Syllogism.
- 2) Arrangements.
- 3) Letter Series.
- 4) Coding & Decoding.
- 5) Ranking & Sequence.
- 6) Blood Relations.
- 7) Relationship between Words.
- 8) Visual Reasoning.
- 9) Odd One Out.
- 10) Statements & Arguments.

Verbal Section:

- 1) Sentence Ordering.
- 2) Error Identification.

Technical Section:

- 1) Pseudo Code.
- 2) Computer Fundamentals.

1. Express a speed of 36 kmph in meters per second?

A. 10 mps

B. 12 mps

C. 14 mps

D. 17 mps

Answer: Option A

2. Express 25 mps in kmph?

A. 15 kmph

B. 99 kmph

C. 90 kmph

D. None

Answer: Option C

3. The speed of a train is 90 kmph. What is the distance covered by it in 10 minutes?

A. 15 kmph

B. 12 kmph

C. 10 kmph

D. 5 kmph

Answer: Option A

4. A car covers a distance of 624 km in 6 $\frac{1}{2}$ hours. Find its speed?

A. 104 kmph

- B. 140 kmph
- C. 104 mph
- D. 10.4 kmph

Answer: Option A

5. A and B complete a work in 6 days. A alone can do it in 10 days. If both together can do the work in how many days?

- A. 3.75 days
- B. 4 days
- C. 5 days
- D. 6 days

Answer: Option A

6. A can do a piece of work in 4 days. B can do it in 5 days. With the assistance of C they completed the work in 2 days. Find in how many days can C alone do it?

- A. 10 days
- B. 20 days
- C. 5 days
- D. 4 days

Answer: Option B

7. A, B and C can do a piece of work in 24, 30 and 40 days respectively. They start the work together but C leaves 4 days before the completion of the work. In how many days is the work done?

- A. 15 days
- B. 14 days

C. 13 days

D. 11 days

Answer: Option D

8. 5 men and 12 boys finish a piece of work in 4 days, 7 men and 6 boys do it in 5 days. The ratio between the efficiencies of a man and boy is?

A. 1:2

B. 2:1

C. 2:3

D. 6:5

Answer: Option D

9. A and B can finish a work in 16 days while A alone can do the same work in 24 days. In how many days B alone will complete the work?

A. 56

B. 48

C. 36

D. 58

Answer: Option B

10. Some persons can do a piece of work in 12 days. Two times the number of these people will do half of that work in?

A. 3 days

B. 4 days

C. 6 days

D. 12 days

Answer: Option A

11. What number has a 5:1 ratio to the number 10?

A. 42

B. 50

C. 55

D. 62

Answer: Option B

12. Two same glasses are respectively $\frac{1}{4}$ th $\frac{1}{5}$ th full of milk. They are then filled with water and the contents mixed in a tumbler. The ratio of milk and water in the tumbler is?

A. 3:8

B. 9:31

C. 8:21

D. 10:27

Answer: Option B

13. A and B entered into a partnership investing Rs.25000 and Rs.30000 respectively. After 4 months C also joined the business with an investment of Rs.35000. What is the share of C in an annual profit of Rs.47000?

A. Rs.18000

B. Rs.15000

C. Rs.17000

D. Rs.14000

Answer: Option D

14. In how many years does a sum of Rs. 5000 yield a simple interest of Rs. 16500 at 15% p.a.?

A. 22

B. 24

C. 25

D. 23

Answer: Option A

15. The radius of a circle is increased by 1%. Find how much % does its area increase?

A. 1.01%

B. 5.01%

C. 3.01%

D. 2.01%

Answer: Option D

1. Class A has a higher enrollment than Class B. Class C has a lower enrollment than Class B. Class A has a lower enrollment than Class C.

If the first two statements are true, the third statement is

- A. true
- B. false
- C. uncertain
- D. None

Answer: Option B

2. All animals have

- A. Eyes
- B. Four legs
- C. Horns
- D. Instincts

Answer: Option D

3. We, at Comfort Stationers, have always been striving to provide stationery items that would make your work more enjoyable and less strenuous. Our latest innovations are a smooth-flow pen and gradual-friction paper. A combination of these two reduces strain on your fingers and allows faster writing the causes lesser fatigue. Therefore, replacement of your pen and paper with our innovative products reduces cost of clerical jobs.

Which of the following, if true, would weaken the conclusion drawn in the above argument?

- A. Those who are already using the above new products report greater difficulty in transition from new products to regular ones than from the regular ones to the new ones.
- B. The cost of manufacturing these new products is not more than the cost of manufacturing the regular ones and the new products last longer than the regular ones.
- C. The number of offices using the new products is increasing month by month.
- D. These products need to be purchased in huge lots and need to be stored in special conditions. The cost of procurement and storage is quite high.

Answer: Option D

Solution:

The passage talks about the advantages in writing by using the new kind of pen and paper and arrives at a conclusion about the cost of clerical job. We have to show that the new products do not lead to decrease in cost of clerical job.

None of the choice (a), (c) and (e) has anything about the cost. Hence, none of them weakens the conclusion.

Choice (b) states that the new products can be manufactured and they also last longer. This information strengthens the conclusion.

According to choice (d) the procurement and storage costs are very high. This casts a doubt on the conclusion that the cost of clerical job can be decreased by using these new products. Hence, (d) weakens the conclusion.

4. Choose the correct alternative that will continue the same pattern and fill in the blank spaces:

2, 3, 5, 7, 11, (....), 17

A. 12

B. 13

C. 14

D. 15

Answer: Option B

Solution:

Clearly, the given series consists of prime numbers starting from 2. The prime number after 11 is 13. So, 13 is the missing number

5. (A) The Archaeological Survey of India has submitted a report for the Supreme Court that there is no evidence to prove that the Rama Sethu is man made.

(B) Mr. Kailash which is a natural formation, is considered holy and is received by Hindus and Buddhists the world over.

- A. if statement (A) is the cause and statement (B) is its effect.
- B. if statement (B) is the cause and statement (A) is its effect.
- C. if both the statements (A) and (B) are independent causes.
- D. if both the statements (A) and (B) are effects of independent causes.

Answer: Option D

Solution:

The cause for ASI's report and the cause for Hindus and Buddhists considering Kailash as holy mountain are different.

6. Study the following information carefully and answer the given questions:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement:

Input: 39 121 48 18 76 112 14 45 63 96

Step I: 14 39 121 48 18 76 112 45 63 96

Step II: 14 39 48 18 76 112 45 63 96 121

Step III: 14 18 39 48 76 112 45 63 96 121

Step IV: 14 18 39 48 76 45 63 96 112 121

Step V: 14 18 39 45 48 76 63 96 112 121

Step VI: 14 18 39 45 48 63 76 96 112 121

This is the final arrangement and step VI is the last step for this input.

How many steps will be required for getting the final output for the following input?

Input: 101 85 66 49 73 39 142 25 115 74

A. 5

B. 6

C. 7

D. 8

Answer: Option D

Solution:

Step I: The smallest number becomes first and the remaining numbers shift one position rightward.

Step II: The largest number among given numbers becomes last and the remaining numbers shift one position leftward.

The steps are repeated alternately till all the numbers get arranged in ascending order and that will be that last step for that particular input.

7. Statement:

The principal instructed all the teachers to be careful in class because some students may disturb other students.

Assumptions:

- I. The teachers may handle the situation properly and they may restrict the naughty students.
- II. The students will welcome the decision of the Principal.

- A. If only assumption I is implicit
- B. If only assumption II is implicit
- C. If either I or II is implicit
- D. If neither I nor II is implicit

Answer: Option

A Solution:

I is implicit; that is why the principal instructed the teachers to carry the responsibility. II is not implicit. The mischievous section may not welcome the decision.

8. Labourer is related to wages in the same way as an entrepreneur is related to?

- A. Loan
- B. Interest
- C. Taxes
- D. Profit

Answer: Option

DSolution:

First earns in the form of a second.

9. Event (A): Company X is opening an office in city Y for marketing the company's products.

Event (B): Company X has chalked out an expansion plan, involving raising production capacity at its existing plants.

- A. If 'A' is the effect and 'B' is its immediate and principle cause.
- B. If 'B' is the effect and 'A' is its immediate and principle cause.
- C. If 'A' is the effect but 'B' is not its immediate and principle cause.
- D. If 'B' is the effect but 'A' is not its immediate and principle cause.

Answer: Option C

Solution:

Events (A) and (B) are related events and chronologically (B) occurs before (A) and because of as they are planning to increase capacity, they have to make a plan to sell their products also so they open new offices for marketing those products.

But opening an office in a particular city, requires other events such as market survey etc. It is not the immediate and principle cause.

10. Statement:

Cutting down of forests is a threat to the wild life. Most of the species of animals are on the verge of extinction.

Courses of Action:

I. The species of animals, which are on the verge of extinction, must be protected by creating wild life sanctuaries which contain flora that defines the native habitat of the endangered animals.

II. To the maximum extent possible we should stop deforestation.

III. Growing urban forests to compensate for deforestation.

A. Only II follows

B. Only III follows

C. Only I and II follow

D. Only I and

follows

Answer:

Option C Solution:

Here the problem is extinction of various species of animals, so providing them their native habitat is the proper solution for the problem.

II is a proper course of action, as stopping deforestation can solve the problem to some extent.

III is not a proper course of action as urban forest cannot be the habitat for the wild animals.

From the first two statements, we know that of the three classes, Class A has the highest enrollment, so the third statement must be false.

11. 522 1235 2661 4800 7652 11217 ?

A. 15495

B. 16208

C. 14782

D. 16921

Answer: Option A

○ HEXAWARE GET Interview Experience ○

Technical Round:

- 1) Tell me about yourself. He asked some questions about what I told him regarding my hobbies.
- 2) Your favorite subjects? I said Cpp and JAVA?
- 3) What is the difference between these two?
- 4) What is polymorphism?
- 5) What is black box testing?
- 6) What is a spiral model.
- 7) What is a waterfall model?
- 8) Details about your project. So in case you haven't prepared your own project, start studying it. And they will ask anything about it. Absolutely anything.
- 9) What is scheduling?
- 10) Just prepare about all the subject you have in the current semester.
- 11) Any questions for me?

HR Round:

- 1) Whatever you have written in your resume, you should know EVERYTHING about it. Especially about your hobbies.
- 2) Answer every question with confidence
- 3) All he was asking about what you answered in the previous questions. So be careful with the words you choose.
- 4) He wants to know your point of view, your attitude. He just makes sure if you will be able to face and deal with the clients confidently or not.

○ HEXAWARE PGET Interview Experience ○

Technical Round:

- 1) Tell me about yourself.
- 2) Tell me about your projects.
- 3) Difference between c and c++.
- 4) OOPS concepts: polymorphism, abstraction, inheritance.
- 5) Theoretical questions on your project, in my case it was on HTML tags and attributes.

EC Round:

- 1) Tell me about yourself.
 - 2) Why Engineering?
 - 3) Situation-based questions :
 - 4) If you are an employee working under a manager and the manager is on leave. The deadline is nearby and the client is cranky and arrogant. As your manager is not there, you are supposed to handle the client and submit the work before the deadline. What will be your strategy and how will you handle the client?
- Now you are the manager and your head has told you that you won't be given extra man hours for the task and you have to complete the task in a specific time.
- 5) How will you manage the manpower and time allocated to you and meet the deadline?

HR Round:

- 1) Introduce yourself.
- 2) Do you have any placement offers?
- 3) Why Hexaware?
- 4) How your friend will describe you in 3 words?

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