Admission Test for PGPEX-VLM 2024-2025

Section I: Verbal Ability

1. "Instead of blaming an airline accident on pilot error, investigators should find out why the error was made by analyzing airplane design, airline management and pilot-training programs. For only then can changes be made to ensure that the same type of error does not recur and cause another accident."

   Which of the following is a presupposition of the argument above?

   A. Investigators of airline accidents should contribute to the prevention of future accidents.

   B. Pilot error is not a contributing factor in most airline accidents.

   C. Airline companies themselves should be the agent who investigate airline accidents

   D. Stricter government regulation of airline companies will make air travel significantly safer

2. Which of the phrases given below the sentence should replace the phrase printed in bold type to make the grammatically correct?

   My hair **stood off ends** when I saw the horrible sight.

   A. stands on ends

   B. stood on ends

   C. stood at ends

   D. stood to ends

3. Which of the phrases given below the sentence should replace the phrase printed in bold type to make the grammatically correct?

   Can you tell **me why did you not speak** the truth?

   A. why did not you speak

   B. why did you not spoke

   C. why you did not speak

   D. that why did you not speak

4. A word is printed in bold in the sentence below. Below it, four choices are given. Please pick up the one that is most nearly the same in meaning as the word printed in bold and can replace it without altering the meaning of the sentence.

   He has a **propensity** for getting into debt.

   A. aptitude

   B. natural tendency

   C. quality

   D. characteristic

5. Choose the correct option from below.

   The integrity of character, honesty, dependability, and disciplined _____with a genuine interest in your work will go a long way in the achievement of success in your professional life.

   A. adjoined

   B. attached

   C. coupled

   D. fixed

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6. Choose the correct order of sentences.
   1. The impetus for change in cargo handling, after years of operational inefficiency, has come from new private sector facilitators.
   2. Other ports, both major and minor, have spurred into action.
   3. And the government agrees this is having a cascading effect on the functioning of other ports.
   4. In terms of cargo handling efficiency, some of India's ports have lately undergone a sea change.

   A. 4132
   B. 3241
   C. 1324
   D. 4321

7. Choose the correct option from below.

   The soldiers were instructed to _____restraint and handle the situation peacefully.

   A. remain
   B. exercise
   C. control
   D. enforce

8. "Penicillin is one of the strongest and most potent antibiotics. It has saved many lives in the past when people used to die of wound infections. It is available in the form of tablets and injection solutions. It is given to most patients before a surgery. Some patients, however, do not tolerate penicillin."

   Which of the following statements is a logical conclusion to the above?

   A. There are better alternatives available.
   B. Some people have an aversion to penicillin
   C. Some people are allergic to penicillin
   D. It is not as powerful an antibiotic as it is believed to be

9. PALATE : MOUTH ::

   A. CEILING : ROOM
   B. RIVULET : DAM
   C. HILL : RANGE
   D. RAINBOW : SKY

10. Find the Synonym of **Detest**

    A. Reveal
    B. Hate
    C. Argue
    D. Discover

11. Find the one-word substitutions.

    "An extremely deep crack or opening in the ground."

    A. Pit
    B. Ditch
    C. Chasm
    D. Aperture

12. "Many people are guided by enigmatic values even today."

    Pick the word which is closest to the word **enigmatic**.

    A. Straightforward
    B. Mysterious
    C. Practical
    D. Happy

13. Four of the following are alike in a certain way and so form a group. Which is the one that does not belong to that group?

    A. Worry
    B. Curiosity
    C. Anxiety
    D. Inhibition

14. Find the odd item from the given alternatives.

    A. Crowd
    B. Herd
    C. Flock
    D. Team

15. Find the odd item from the given alternatives.

    A. Army: War
    B. Nurse: Doctor
    C. Editor: Newspaper
    D. Sailor: Boat

16. A sentence is provided in active voice. Select the option that expresses the same sentence in passive voice.

    "I saw the master conducting the orchestra."

    A. The master was conducting the orchestra and I saw that.
    B. I saw the orchestra being conducted by the master.
    C. I saw that the orchestra was being conducted by the master.
    D. The master was seen conducting the orchestra by me.

17. Choose the correct synonym of **Erudite**

    A. Learned
    B. Fecund
    C. Fertile
    D. Potent

18. Choose the correct antonym of **Pompous**

    A. Boorish
    B. Angry
    C. Bossy
    D. Humble

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► **For questions 19-23, read the following passage and answer questions.**

"We rose to the occasion", crowed Egypt's foreign minister after COP27, the global climate summit that ended on November 20th, 2022. Hardly. The delegates failed to make a clear commitment to phase out the use of fossil fuels. The best they could produce was a nebulous agreement that rich countries should pay poor ones for climate-related 'loss and damage'.

To the extent that this gesture may help keep the COP process on the road, it was worthwhile. But the money that has been pledged is paltry: about $260m. And countries have yet to agree on who should pay and who should receive the cash. Under the bizarre terms of the UN's climate convention, China–after America, the second-largest total emitter in history–would count as a 'developing country' and so be a suitable recipient. Rich countries say, correctly, that China is far from poor and ought to be a donor. But try squaring that with President Xi Jinping.

And it is hard persuading voters in rich countries to bankroll efforts to curb climate change (which is in their self-interest), let alone to hand over vast sums to politicians in poorer countries. In theory this would compensate them for damage. But this is difficult to measure, blame is tricky to apportion and those occasionally corrupt politicians can spend the cash as they choose.

Yet more hopefully, as delegates from across the world wrangled in Egypt, there was a modest breakthrough between two superpowers. China agreed to resume formal talks about climate change with America. It is astonishing that these talks were ever suspended, given that the two countries create about 40% of global annual carbon emissions.

Alas, China's regime was so offended when Nancy Pelosi, the Speaker of America's House of Representatives, visited Taiwan in August that it broke them off, in effect putting its territorial claims above the planet's future. Happily, about halfway through COP27, Mr Xi relented. At a G20 meeting in Indonesia with President Joe Biden, he said talks could resume.

Acting together, China and America can make a huge difference. In 2014 Mr Xi and America's then president, Barack Obama, issued a statement calling climate change 'one of the greatest threats facing humanity' and setting goals for curbing it. This laid the groundwork for the Paris accord of 2015, a UN agreement to limit global warming to well below 2 degree Celsius. Were the two countries now to agree on, say, ways of financing projects to help countries adapt to climate change, or promoting global trade in green technologies, then the rewards could be immense. But climate change diplomacy is shackled by geopolitics.

19. Which of the following statements is true as per the passage?
    A. Geopolitical considerations are embroiled with ongoing global efforts to address climate change.
    B. Geopolitical considerations hardly matter for global efforts to address climate change.
    C. Overall diplomacy has never had any bearing on energy diplomacy.
    D. Climate change is a stand-alone global diplomatic issue.

20. The two countries responsible for the larger share of global annual carbon emissions are:
    A. Egypt and China
    B. United States of America and China
    C. Egypt and Tunisia
    D. United States of America and Egypt

21. Which of the following statements is **true** as per the passage?
    A. Egypt promised to share a larger burden of payment for climate-related loss and damage.
    B. There was a categorical agreement on climate-related loss and damage.
    C. COP-27 resulted into some kind of a vague that rich countries should pay poor ones for climate-related loss and damage.
    D. COP 27 produced a categorical roadmap for mitigating climate change.

22. Which of the following statements is **not true** as per the passage?
    A. The money allotted for climate-related loss and damage is measly.
    B. At COP27, countries agreed on who should pay and who should receive the cash.
    C. COP27 was held in Egypt.
    D. There was a modest breakthrough between two superpowers.

23. Which of the following statements is **not true** as per the passage?
    A. China has agreed to be a donor, and not a recipient, of climate-related loss and damage.
    B. There are concerns regarding the manner in which money allotted for curbing climate change will be used in less developed countries.
    C. China and US agreed on calling climate change one of the greatest threats facing humanity.
    D. China-Taiwan relations have had some impact on climate change diplomacy.

24. Choose the correct synonym of **Influence**
    A. Capacity
    B. Sway
    C. Commitment
    D. Conviction

25. A figure of speech in which incongruous or contradictory terms appear side by side is called a/an _____.
    A. hyperbole
    B. oxymoron
    C. paradox
    D. alliteration

► **For questions 26-29, complete the following sentences using the most suitable options given.**

26. I am sure Nandita will have no _____the IIT-JEE Main examination.
    A. difficulty to passing
    B. difficulty to pass
    C. difficulty passing
    D. difficulties to pass

27. The Minister announced that petrol prices _____
    A. Would be raised
    B. Could have risen
    C. Will rise
    D. would have risen

28. I think you have made _____a lot of mistakes in your examination paper.
    A. Few
    B. Many
    C. Except
    D. Rather

29. There were not _____students in the classroom.

A. Many
B. Some
C. Few
D. Most

► For questions 30-33, fill in the blanks the suitable articles/prepositions.

30. FabIndia deals _____readymade clothes.
A. into
B. in
C. on
D. with

31. What sort of _____person is she? She is such _____nice lady.
A. a, a
B. the, a
C. into
D. an, the

32. The maid stayed _____to look after the children as their parents had to go to cinema.
A. before
B. behind
C. away
D. after

33. Mr. Morarka has just returned from _____United States of America
A. a
B. an
C. the
D. none of the above.

► For questions 34-37, choose the correct word/phrase to complete each of the sentences.

34. Parents should be reconciled _____the way children use foul language these days
A. with
B. to
C. at
D. over

35. You have all come well prepared. I _____you to pass this examination.
A. wish
B. expect
C. pray
D. hope

36. If wishes _____horses, I would have flown to the moon.
A. Was

B. were

C. Had

D. Have

37. A _____of Japanese artists stepped off the coach amidst warm welcome.

A. crowd

B. gang

C. troop

D. troupe

▶ For questions 38-40, read the following passage and answer questions.

Of all the human endeavors that lend themselves to cinematic depiction, the act of writing - as opposed to painting or playing music - has always seemed to me the most difficult to portray. The problem remains: how to show on the screen something that is inherently interior and static, except for the sound of a pencil scratching on paper, or more likely, the click-clack of fingers on a keyboard? In a recent piece in the Times Literary Supplement, the British writer Howard Jacobson referred to "the nun-like stillness of the page" and quoted Proust's remark that "books are the creation of solitude and the children of silence." None of this bodes well for the clamorous imperatives of the screen, with its restless camera movements and need for compelling dialogue.

At best we might have a shot of the writer sitting in front of a manual typewriter, smoking intently and staring into the middle distance in between noisily plunking out a few sentences. Crumpled sheets of paper on the floor attest to the anguished perfection required to wrest the right word or phrase from the welter that beckons, but in the end the Sisyphean labor of writing - the means by which thoughts or imaginings are transferred from the mind to the page - is a mystery that no one image or series of images can hope to capture.

Björn Runge's film The Wife attempts to penetrate that mystery and the enigma of creative genius by suggesting that, in order for good writing to take place, someone else - in this case, a woman - must not write, or must at least sacrifice her own talent to aid and abet male artistry. The film, which is based on a novel by Meg Wolitzer, with a screenplay by Jane Anderson, begins with an early morning phone call, disturbing the sleep of a close, upper-middle-class couple in Connecticut. The call comes from the Nobel Foundation in Sweden and brings news that the novelist Joe Castleman (Jonathan Pryce) has won the 1992 prize for literature. His wife, Joan (Glenn Close), seems as thrilled as Joe is, the two of them jumping up and down on their conjugal bed in celebration of a joint triumph.

Shortly thereafter the couple fly to Sweden on the Concorde, accompanied by their son, David (Max Irons), who is - but what else? - an aspiring writer in his twenties. He resents his father's success and lack of interest in his own work and smolders accordingly when he appears. Also, along for the ride is Nathaniel Bone (Christian Slater), a journalist who plans to write the definitive biography of Castleman, with or without the writer's agreement. Joe unceremoniously brushes Bone off when he comes over during the plane ride to offer his congratulations - although how a freelance writer could possibly afford a Concorde ticket is left unexplained. Joan is more polite, engaging in wary conversation. "There's nothing more dangerous," she admonishes Joe, "than a writer whose feelings have been hurt."

38. The first two paragraphs of the passage illustrate, which of the following?

A. How difficult it is to portray writing in celluloid.

B. How difficult it is to capture the emotions of a writer.

C. How difficult it is to entrap the true intentions of a writer.

D. How difficult it is to write.

39. According to the passage, which of the following statements are incorrect?

I. It is harder to paint or play music than to write.
II. In the film, David is portrayed as someone with some negative feelings for his father.
III. In the film, Joe displays a lack of courtesy when he meets Bone in the plane.
IV. Nathaniel Bone writes Joe Castleman's biography without his permission.

A. I & II
B. II & IV
C. I & IV
D. III & IV

40. What does the author mean by the phrase "Sisyphean labor of writing"?

A. It is highly doubtful that anyone is successful as a writer.
B. It is extremely difficult to write perfectly.
C. It is impossible to achieve the perfect results in writing.
D. It is extremely unlikely to write the perfect piece.

Section II: Quantitative and Logical Ability

41. A certain number of elephants are and an equal number of men are going as a procession. Half of the owners of the elephants are on their elephants' back, while the remaining ones are walking along leading their elephants. If the number of legs walking on the ground is 70, how many elephants are there?

A. 12
B. 10
C. 14
D. 16

42. A vehicle starts from town A. The number of ladies in the bus is half the number of men. In town B, 20 men get down from the vehicle and 10 ladies enter. Now the number of men and ladies are equal. When the vehicle started from the town A, how many passengers entered the vehicle?

A. 30
B. 90
C. 15
D. 45

43. Avik is fifth from the left and Ashish is twelfth from the right end in the row of children. If Ashish shift by three places towards Avik, he becomes tenth from the left end. How many children are there in the row?

A. 21
B. 24
C. 23
D. 22

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44. If 200 cats kill 200 rats in 200 days, then 8 cats would kill 8 rats in how many days?
    A. 8 days
    B. 200 days
    C. 80 days
    D. 1 day

45. $\frac{5}{\sqrt{5}}, \frac{6}{5}, \frac{7}{5\sqrt{5}}, \frac{8}{25}, ?$
    A. $\frac{9}{125}$
    B. $\frac{9}{5\sqrt{5}}$
    C. $\frac{9}{25\sqrt{5}}$
    D. $\frac{9}{\sqrt{5}}$

46. The amount of time that Prantik walks is directly proportional to the distance that he walks. If he walks a distance of 2.5 kilometers in 50 minutes, how many kilometers will he walk in 2 hours?
    A. 6
    B. 5
    C. 6.5
    D. 4.5

47. If a rectangular swimming pool has a volume of 15,000 cubic feet, a uniform depth of 10 feet, and a length of 75 feet, what is the width of the pool, in feet?
    A. 110
    B. 26
    C. 20
    D. 32

48. An urn marked M contains 2 blue and 3 white balls while another urn marked N contains 3 blue and 4 white balls. Out of these two urns, one is selected at random and the probability of choosing urn M is double that of urn N. If a white ball is drawn from the selected urn, then the probability that it has come from urn N is
    A. $\frac{10}{31}$
    B. $\frac{12}{31}$
    C. $\frac{13}{41}$
    D. $\frac{21}{41}$

49. If $8^{2z+2} = 64^{2z-2}$, then the value of z is
    A. 1.5
    B. 2
    C. 3
    D. 0.5

50. The principal of a school wishing to draw up his 4351 students in the form of a solid square found that he has 5 students less. If he could get five more students and form the solid square, the number of students in the front row is:

    A. 44

    B. 66

    C. 78

    D. 76

51. A pipe can fill a cistern in 6 hours. Due to a leak, it took $6\frac{1}{2}$ hours to fill the cistern. The leak can drain all the water of the cistern in:

    A. $6\frac{1}{2}$ hours

    B. 78 hours

    C. 74 hours

    D. $74\frac{1}{3}$ hours

52. Shammy sold a motorcycle to Abhishek at a profit of 20%, and Abhishek sold it to Sanjay at a profit of 25%. If Sanjay paid ₹60000 for the motorcycle, find the original price of the motorcycle.

    A. ₹40000

    B. ₹45000

    C. ₹50000

    D. ₹30000

53. A shopkeeper has 336 mangoes, 240 pears and 96 bananas. He needs to pack these fruits in certain number of boxes. However, while packing he should ensure that each box should have same number of fruits and all must be of the same fruit variety. What is the minimum number of boxes needed for packing?

    A. 24

    B. 14

    C. 18

    D. 15

54. A man borrowed some money from a relative. He agreed to pay the interest-free loan of ₹60,000 in monthly instalments which increased by a constant amount. After the 20th instalment, he found that he had paid $\frac{3}{4}$ of the loan. If the entire loan was paid back in exactly 25 instalments, what is the value of the first instalment.

    A. ₹1440

    B. ₹1320

    C. ₹1200

    D. ₹1680

55. In a locality with a total population 60000, 20000 watch web series X, 32000 watch web series Y, while 6000 watched both. How many do not watch any of these web series?

    A. 14000

    B. 46000

    C. 22000

    D. 42000

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► **For questions 56-60, read the following passage and answer questions.**

> Seven friends, namely K, L, M, N, O, P and Q are standing in a straight line facing north but not necessarily in the same order. N stands exactly in the centre of the line. Only two people stand between N and P. K stands to the immediate left of M. K stands to the right of N (may or may not be the immediate right). Only one person stands between K and L. Q stands to the left of L.

56. Which of the following is true regarding O if P is to the right of Q?
    A. O is an immediate neighbour of Q.
    B. stands second to the right of O.
    C. Only one person stands between O and K
    D. O stands third to the left of M.

57. Three of the following four form a group as per the given arrangement. Which of the following does not belong to that group, given that O is adjacent to N?
    A. P L
    B. N L
    C. Q M
    D. O K

58. What is the position of M with respect of P if O is adjacent to L?
    A. Immediate left
    B. Second to the right
    C. Second to the left
    D. Third to the left

59. Which of the following is not at an extreme end of the line?
    A. Q
    B. P
    C. O
    D. M

60. Which of the following statements is FALSE about the arrangement of the seven friends?
    A. If P is adjacent to Q, then O is to the right of N
    B. If K is adjacent to N, then Q is to the right of L
    C. If L is to the left of N, then O is to the left of Q
    D. If P is to the right of Q, then L is to the left of M

61. Raman has to pay a sum of P rupees and Q paise where both P and Q are 2 digit numbers and Q is same as the number obtained by reversing the digits of P. Raman instead reverses the digits of both P and Q, thereby pays ₹26.73 less. Find the sum paid by Raman in rupees.
    A. 45.54
    B. 54.45
    C. 63.36
    D. 36.63

62. Isaac and Albert are working on a particular quadratic equation. However, while writing the equation, Isaac makes a mistake in the sum of the roots and hence gets the incorrect roots as 1 and 12; while Albert makes a mistake in the product of the roots and hence gets the roots as 2 and 5. What should be the correct roots of the equation?
    A. 1 & 2
    B. 2 & 12
    C. 3 & 4
    D. 1 & 5

63. Fruits were distributed to each student of a class. Each student gets the same number of fruits of only 1 type. If initially, there were 40 mangoes, 75 apples and 100 bananas, what is the minimum number of students in the class such that all fruits get distributed?
    A. 215
    B. 5
    C. 43
    D. 40

64. A rubber ball is dropped from a height of 125 ft on the ground. On hitting the ground, each time, it bounces back 3/5th of the earlier height. Find the distance travelled by the ball till it comes to rest.
    A. 625 ft.
    B. 125 ft.
    C. 1250 ft.
    D. 500 ft.

65. The average age of a group of n people changes by 12 if Kumar and Mahela are excluded. The total age of the two new people, Sanath and Aravinda is the same as that of Kumar and Mahela. If Sanath and Aravinda are added to the group of n people, the average age changes by 4. Find the value of n.
    A. 5
    B. 215
    C. 43
    D. 40

66. If x is an integer, find the minimum value of $|x-2|+|x+4|+|x+6|$
    A. 12
    B. 4
    C. 20
    D. 8

67. An ordinary coin is to be tossed twice in a usual way. What is your probability for the head turning up both times?
    A. 1/4
    B. 1
    C. 1/3
    D. 1/2

68. A man is facing west. He turn 45°in the clockwise direction and then another 180°in the same direction and then 270°in the anti-clockwise direction. Which direction is he facing now?
    A. South-west
    B. South
    C. North-west
    D. West

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► For questions 69-73, based on the following passage, examine the degree of truth and falsity of the inferences from the passage.

> Dryland farming is the only way to not only combat recurring drought but also meet the increasing food requirements of India. About 45% of India's total crop production now comes from drylands. By the 2050, this will have to increase to 60% if India is to provide adequate food for its population.

69. Dryland farming is important for India.
    A. Probably true
    B. Probably false
    C. Definitely true
    D. Data inadequate

70. The per acre crop production is more in drylands than others.
    A. Probably false
    B. Definitely true
    C. Probably true
    D. Data inadequate

71. India is self-sufficient in food production.
    A. Definitely true
    B. Probably true
    C. Data inadequate
    D. Probably false

72. At present India gets larger food production from wetlands.
    A. Definitely true
    B. Probably true
    C. Data inadequate
    D. Probably false

73. In India, the rate of growth of population is 15% per year.
    A. Probably false
    B. Probably true
    C. Data inadequate
    D. Definitely true

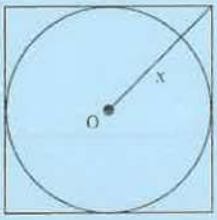
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74. **Statement:**
All scientists working in America are talented. Some Indian Scientists are working in America
Conclusions:
1. None of Indian scientists is talented.
2. Some talented Indian scientists have migrated to America.
3. All talented scientists are Indian.
4. Some Indian scientists are talented.

The conclusion(s) correctly drawn is/are

A. 2 only
B. 2 and 3
C. 1 only
D. 2 and 4

75. In the figure below, $x = 2$. What is the area of circle O?



A. $2\sqrt{2}\pi$
B. $\sqrt{2}\pi$
C. 4π
D. 2π

▶ **For questions 76-80, read the following passage and answer questions.**

> Rohit, Kunal, Ashish, and John are students of a school. Three of them stay far from the school and one near it. Two study in class IV, one in class V, and one in class VI. They study Hindi, Mathematics, Science, and Social Science. One is good in all the four subjects while another is weak in all of these. Rohit stays far from the school and is good in Mathematics only, while Kunal is weak in Mathematics only and stays close to the school. Neither of these two and Ashish studies in class VI. One who is good in all subjects studies in class V.

76. Name the boy who is good in all the subjects.

A. Kunal
B. Rohit
C. Ashish
D. John

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77. Name the boy who is weak in all the subjects.
    A. Ashish
    B. Rohit
    C. Kunal
    D. John

78. Which two boys are good in Hindi?
    A. John and Rohit
    B. Kunal and Ashish
    C. Rohit and Kunal
    D. Ashish and John

79. Which two boys are good in Mathematics?
    A. Ashish and John
    B. Rohit and Kunal
    C. Kunal and Ashish
    D. John and Rohit

80. Other than Rohit and the boy who is good in all the subjects, who else stays far from the school?
    A. Kunal
    B. Rohit
    C. Ashish
    D. John