Sample Questions

for

ASAT

(ALLEN Scholarship Admission Test)

CLASSROOM CONTACT PROGRAMME

IPMAT

(FOR X PASSED, XI APPEARING, XII APPEARING & XII PASSED)

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INSTRUCTIONS

Please read the instructions carefully. You are allotted 5 minutes specifically for this purpose.

Things NOT ALLOWED in EXAM HALL : Blank Paper, clipboard, log table, slide rule, calculator, camera, mobile and any electronic or electrical gadget. If you are carrying any of these then keep them at a place specified by invigilator at your own risk.

1. This booklet is your Question Paper. **DO NOT** break the seal of the Booklet until the invigilator instructs you to do so.
2. Fill your Form No. in the space provided at the top of this page.
3. The Answer Sheet is provided to you separately which is a machine readable Optical Response Sheet **(ORS)**. You have to mark your answer in the **ORS** by darkening the bubble, as per your answer choice, by using **black & blue ball point pen.**
4. Total Questions to be Attempted are **60** Questions.
5. After breaking the Question Paper seal, check the following:
   a. There are **8 pages** in the booklet containing question numbers. 1 to 60.
   b. Question paper contains total 60 questions under 4 sections which are English Language: 15, General Knowledge: 15 Reasoning: 15, Quantitative Aptitude: 15
6. **Marking Scheme:**
   a. If darkened bubble is the RIGHT answer : **+3 Marks.**
   b. If darkened bubble is the WRONG answer : **-1 Marks.**
   c. If no bubble is darkened in any question: **No Mark.**
7. Think wisely before darkening the bubble as there is negative marking for wrong answer.
8. If you are found to be involved in cheating or disturbing others then your ORS will be cancelled.
9. Do not put any stain on ORS and hand it over properly to the invigilator.

DIRECTIONS FOR QUESTIONS (Q.1 TO Q.3): Read the passage given below and answer the questions that follow.

PASSAGE

We believe that we can change things around us in accordance with our desires—we believe it because otherwise we can see no favourable outcome. We do not think of the outcome which generally comes to pass is also favourable: we do not succeed in changing things in accordance with our desires, but gradually our desires change. The situation that we hoped to change because it was intolerable becomes unimportant to us. We have failed to surmount the obstacles, as we were absolutely determined to do it, but life has taken us round it, led us beyond it and then if we turn around to gaze into the distance of the past, we can barely see it, so imperceptible has it become.

1. According to what can we change the things around us, in our beliefs?
(A) Our perception
(B) Our desires
(C) Our situation
(D) Our circumstances

2. What happens to our desires after a while?
(A) We fulfil them.
(B) We fail at them and regret them forever.
(C) They change.
(D) They remain a lost dream, like many others.

3. What does the word "imperceptible" as used in the passage relate to the closest out of the given options?
(A) Apparent (B) Obvious
(C) Unnoticeable (D) Distinct

DIRECTIONS FOR QUESTIONS (Q.4 TO Q.6): Fill in the blanks with the correct option.

4. My father works in _____ Netherlands.
(A) a (B) an
(C) the (D) No article

5. Sumita is blind _____ one eye.
(A) from (B) with
(C) in (D) by

6. Sheila is definitely smarter than _____
(A) me (B) us
(C) him (D) I

DIRECTIONS FOR QUESTIONS (Q.7 TO Q.9): The words of a sentence have been jumbled for you. Choose the best pairing to form an appropriate and comprehendible sentence.

7. P: everyone else's success
Q: if you set your goals
R: a failure, you will fail above
S: ridiculously high and it's
(A) RSQP (B) SPRQ
(C) PRSQ (D) QSRP

8. P: do not go where the
Q: go instead where there is
R: no path and leave a trail
S: path may lead
(A) PQRS (B) PSQR
(C) QRPS (D) SRQP

9. P: life you've imagined.
Q: dreams! Live the
R: the direction of your
S: Go confidently in
(A) SPQR (B) QRPS
(C) SRQP (D) PQRS

10. Modest means:
(A) lowly (B) preceding
(C) inevitable (D) hostile

11. Beckon means to:
(A) signal with the hands or nod
(B) close at the end of a session
(C) issue commands or orders for
(D) push against gently

12. Solemn means:
(A) grave (B) charming
(C) suitable (D) fitful

13. Scrawny means:
(A) inferior in size or quality
(B) thoroughly dried out
(C) well-integrated
(D) characterized by doing or performing again.

DIRECTIONS FOR QUESTIONS (Q.14 & Q.15): A sentence has been given to you. Choose the part of the sentence containing an error.

14. (a) Raghav as well/ (b) as Sumit are going/ (c) to market with me./ (d) No error

15. (a) Siddharth needs/ (b) not worry/ (c) about his future./ (d) No error

16. Who among the following is also known as 'Father of Indian Constitution'?
(A) BR Ambedkar
(B) Granville Austin
(C) Rajendra Prasad
(D) Sacchidanand Sinha

17. Who among the following has been appointed as India's second Chief of Defence Staff (CDS)?
(A) General Anil Chauhan
(B) General Bipin Rawat
(C) General VK Singh
(D) General Manoj Pande

18. Who among the following was recently awarded with Dadasaheb Phalke Award?
(A) Amitabh Bacchan
(B) Lata Mangeshkar
(C) Asha Parekh
(D) Manoj Kumar

19. Indian Air Force Day is celebrated every year on:
(A) October 8th (B) October 12th
(C) October 15th (D) October 27th

20. Which of the following award is given in the area of mathematics?
(A) Pulitzer (B) Pritzker
(C) Fields Medal (D) Nobel

21. Which of the following tennis legends announced his retirement recently?
(A) Leander Paes
(B) Novak Djokovic
(C) Roger Federer
(D) Rafael Nadal

22. In banking terminology, CRR means:
(A) Cash Reserve Ratio
(B) Credit Reserve Ratio
(C) Credit Rating Ratio
(D) Cash Rating Ratio

23. Under Project Cheetah, PM Modi released wild Cheetahs brought from Namibia in:
(A) Uttar Pradesh
(B) Gujarat
(C) Maharashtra
(D) Madhya Pradesh

24. Who was the first women president of Indian National Congress?
(A) Sarojini Naidu
(B) Annie Besant
(C) Vijaylaxmi Pandit
(D) Indira Gandhi

25. Which of the following teams won the 2022 edition of Indian Premier League?
(A) Mumbai Indians
(B) Chennai Super Kings
(C) Gujarat Titans
(D) Lucknow Super Giants

26. Who among the following was in news to acquire Twitter?
(A) Mukesh Ambani
(B) Jeff Bezos
(C) Mark Zuckerberg
(D) Elon Musk

27. Socialist and secular words were added in the Preamble of Indian Constitution by:
(A) 44th Amendment
(B) 42nd Amendment
(C) 45th Amendment
(D) 48th Amendment

28. Indian Space Research Organisation (ISRO) is headquartered at:
(A) Shriharikota (B) Bengaluru
(C) Chandipur (D) Tarapore

29. Which of the following cities is known as the 'temple city of India'?
(A) Varanasi
(B) Khajuraho
(C) Madurai
(D) Bhubaneshwar

30. Which of the following is the capital city of Ukraine?
(A) Luhansk (B) Kremlin
(C) Kyiv (D) Mins

31. How is Shaun's sibling's grand-father's only daughter's only child related to Shaun?
(A) Brother (B) Cousin
(C) Nephew (D) Niece

32. Establish the correct analogy- 25 : 49 :: 169 : ?
(A) 144 (B) 81
(C) 289 (D) 361

DIRECTIONS FOR QUESTIONS (Q.3 & Q.4): Read the information given below and answer the questions that follow.

A team is to be selected from the six people P, Q, R, S, T and U depending on the following conditions.

- P and Q are always selected together.
- Only if U is not selected, T is also not selected.
- Unless S is selected, R is not selected.
- Exactly one between R and P must be selected.

33. If R and is selected, then who among the following must be selected in a team of three people?
(A) T
(B) U
(C) Either (A) or (B)
(D) Cannot be determined

34. If P is selected then which of the following is necessarily true?
(A) Maximum size of the team will be two.
(B) U is not selected.
(C) Q is not selected.
(D) None of these

35. Find the missing term in the series- 16, 125, 36, 343, 64, ?
(A) 510 (B) 512
(C) 100 (D) 729

36. One fine evening Ram and Shyam were standing such that they were facing each other. If Ram's shadow fell towards his left, then in which direction was Shyam facing?
(A) North (B) South
(C) East (D) West

37. A, B, C and D were standing in row facing the same direction. A was standing 2nd to the right of B, who was standing to the immediate left of C. What was D's position in the row.
(A) Extreme left
(B) Extreme Right
(C) Either (A) or (B)
(D) Can't be determined

DIRECTIONS FOR QUESTIONS (Q.8 & Q.9): Read the following information and answer the questions based on it.

Five brothers Rahul, Rishabh, Rohit, Roshan and Romil have some amount with them. Rishabh has less money than Rahul but either greater or equal to Roshan, who has more money than Romil where Romil has less money than Rohit.

38. Who among the following can have the maximum amount?
(A) Roshan (B) Rishabh
(C) Rohit (D) Romil

39. At the most, how many people can have more money than Roshan?
(A) Two (B) Four
(C) Three (D) None

40. If 'MOBILE' is coded as 'OMIBEL' then how will 'NECKLESS' be coded in the same coding language?
(A) FNEKLESS (B) ENCKELSS
(C) ENKCELSS (D) DNECKLSS

41. **Statements:**
Some actors are dancers.
All dancers are singers.
Conclusion:
I. Some actors are singers.
II. No dancer is an actor.
(A) Only conclusion I follows.
(B) Only conclusion II follows.
(C) Both conclusion I and conclusion II follow.
(D) Neither conclusion I nor conclusion II follow.

42. Which of the following reasoning is correct?
(A) Only a cat has two hands. I have two hands. Hence, I am a cat.
(B) A brown bear is brown. I am a bear. So I am also brown.
(C) Teachers don't like infants. I don't like infants. Therefore, I am a teacher.
(D) I am selfish. People are selfish. Ergo, I am also a part of people.

43. **Statement(s):**
Should those who receive dowry, despite the law prohibiting it, be punished?
Arguments:
I. Yes, those who violate the law must be punished.
II. No, dowry system is firmly rooted in the society since time immemorial.
(A) Only argument I follows.
(B) Only argument II follows.
(C) Both argument I and argument II follow.
(D) Neither argument I nor argument II follow.

44. **Statement(s):**
It is desirable to put the child in school at the age of 5 or so.
Assumptions:
I. At that age, the child reaches the appropriate level of development and is ready to learn.
II. The schools do not admit children after six years of age.
(A) Only assumption 1 follows.
(B) Only assumption 2 follows.
(C) Both assumption 1 and assumption 2 follow.
(D) Neither assumption 1 nor assumption 2 follow.

45. **Kim:** Pure research provides us with new technologies that contribute to saving lives. Even more worthwhile than this, however, is its role in expanding our knowledge and providing new, unexplored ideas.
Ron: Your priorities are mistaken. Saving lives is what counts most of all. Without pure research, medicine would not be as advanced as it is.
Kim and Ron disagree on whether pure research
(A) Derives its significance in part from its providing new technologies.
(B) Expands the boundaries of our knowledge of medicine.
(C) Should have the saving of human livers as an important role.
(D) Has it its most valuable achievements in medical applications.

46. Find the sum of squares of natural numbers from 1 to 12.
(A) 500
(B) 650
(C) 1050
(D) None of these

47. If A is 20% more than B which is 20% less than C, by what percent is A more or less than C?
(A) 4% more
(B) 5% less
(C) 4% less
(D) None of these

48. A shopkeeper sold an article at ₹600 after giving a discount of 14.28%. If the cost price of the article was ₹500 then find the percentage markup done by the shopkeeper.
(A) 40%
(B) 25%
(C) 100%
(D) None of these

49. Arun invested ₹3,300 at 33.33% per annum. Find the simple interest earned by him at the end of 2 years.
(A) ₹2,000 (B) ₹2,100
(C) ₹2,200 (D) ₹2,500

50. A person distributed a certain sum, among his three sons A, B, and C in the ratio 2 : 3 : 5 respectively. If C's share was ₹3000 more than A's share, then find the share of B.
(A) ₹2000 (B) ₹1000
(C) ₹1500 (D) ₹3000

51. Find the total number of prime numbers from 1 to 100.
(A) 25
(B) 26
(C) 24
(D) None of these

52. A person travelled from Jaipur to Delhi at 40 km/hr and returned from Delhi to Jaipur, following the same route at 60 km/hr. Find his average speed throughout the journey.
(A) 50 km/hr
(B) 40 km/hr
(C) 48 km/hr
(D) None of these

53. A can complete a piece of work, working alone in 20 days and B can complete the same piece of work, working alone in 30 days. In how much time can they complete the same piece of work, working together?
(A) 10 days (B) 12 days
(C) 15 days (D) 20 days

54. If $x : y = 2 : 3$ and $y : z = 4 : 5$, then find $x : y : z$.
(A) 4 : 3 : 6 (B) 8 : 4 : 3
(C) 8 : 12 : 15 (D) 2 : 4 : 5

55. Find the smallest natural number that must be added to 123455 such that it is exactly divisible by 3?
(A) 2 (B) 1
(C) 3 (D) 5

56. At a courier service the charges are directly proportional to the square root of the weight of the parcel. If ₹30 are charged for a parcel whose weight is 25 kg, then find the charges for the parcel weighing 225 kg.
(A) ₹45 (B) ₹50
(C) ₹120 (D) ₹90

57. A and B stared a business with ₹2000 and ₹3000 respectively. If at the end of the year they earned a profit of ₹1500, then find the share of A in this profit.
(A) ₹750 (B) ₹600
(C) ₹900 (D) ₹800

58. Ram spends 25% of his monthly income on fuel, 30% on groceries and is still left with ₹900. Find the total monthly income of Ram.
(A) ₹1500 (B) ₹2000
(C) ₹3000 (D) ₹1850

59. A two-metre-wide path is constructed outside a rectangular plot of length 26 m and breadth 16 m. Find the area of the path.
(A) 184 m^2
(B) 188 m^2
(C) 148 m^2
(D) None of these

60. A shopkeeper by mistake calculated his percentage profit on selling price as 25%. Find his actual percentage profit.
(A) 25%
(B) 33.33%
(C) 20%
(D) None of these

ANSWER KEY										
Question	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Answer	B	C	C	C	C	D	D	B	C	A
Question	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
Answer	A	A	A	B	A	A	A	C	A	C
Question	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**
Answer	C	A	D	B	C	D	B	B	D	C
Question	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**
Answer	B	C	B	D	D	A	C	C	C	C
Question	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**
Answer	A	A	A	A	D	B	C	A	C	D
Question	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
Answer	A	C	B	C	B	D	B	B	A	B