

# FIITJEE ADMISSION TEST

Class – VIII (going to class IX)

I.Q.

Time: 90 Minutes

Maximum Marks: 135

## Instructions:

1. Attempt ALL the questions.
2. Answers have to be marked on the OMR sheet.
3. This Question Paper has only one part – **PART-1 (45 questions)**.
4. The Question Paper contains blank spaces for your rough work. No additional sheets will be provided for rough work.
5. Blank papers, clip boards, log tables, slide rule, calculator, cellular phones, pagers and electronic devices, in any form, are not allowed.
6. Write your **Name** and **Registration No.** in the space provided at the bottom of this sheet.
7. All the questions are multiple choice questions having only one correct answer and each question carries **+3 marks** for correct answer and **-1 mark** for wrong answer.

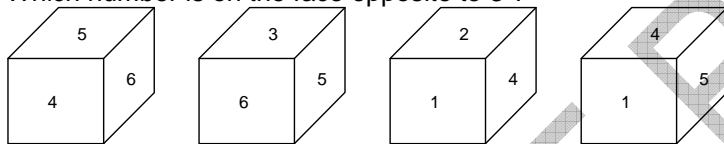
Name of the Candidate :

Registration Number :

PART – 1

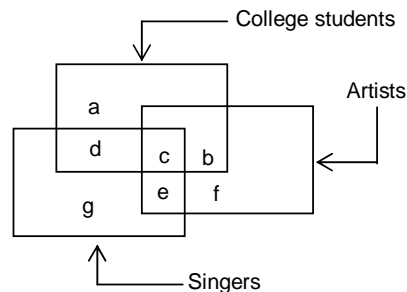
- What is the sequence if the following are arranged in a Dictionary ?  
 (1) Telegraph (2) Telephone (3) Teleprinter (4) Telemetry (5) Telepathy  
 (A) 14532 (B) 14253  
 (C) 14523 (D) 14325
- Look at the following words. No word should have more than 3 vowels. Which word does not confirm to this rule ?  
 (A) SCARCITY (B) PROGNOSIS  
 (C) COMPLEXITY (D) CONVULSION
- If in the English alphabet, every alternate letter from B onwards is written in small letters while others are written in capitals, then how will the 3<sup>rd</sup> day from Monday be coded ?  
 (A) WeDNesdaY (B) WEdnEsday  
 (C) THURSDay (D) None of these
- CLOCK is 42145, LEAN is 2068, CARE is 4690, then NECKLACE is :  
 (A) 80546240 (B) 6054842  
 (C) 80452640 (D) 50842604

5. Which number is on the face opposite to 3 ?



- (A) 4 (B) 2  
 (C) 1 (D) 5

**Directions (6 – 10) :** Given questions are based on the following diagram in which three squares are interlocked. Each square represents a certain section of population. Different regions of the diagram are marked a to g.



- College students who are artists but not singers is represented by  
 (A) a (B) b  
 (C) f (D) d
- Artists who are neither college students nor singers are represented by  
 (A) b (B) d  
 (C) f (D) g

*Space For Rough Work*

8. College students who are singers but not artists are represented by  
 (A) a (B) b  
 (C) d (D) g
9. College students who are artists as well as singers are represented by  
 (A) c (B) f  
 (C) g (D) b
10. Singers who are artists as well but not studying in college are represented by  
 (A) e (B) c  
 (C) d (D) b
11. Which one does not belong to the group?  
 (A) Tomato (B) Orange  
 (C) Sweet lemon (D) Pineapple
12. Fish : Water :: \_\_\_\_\_ : \_\_\_\_\_  
 (A) Aero plane: Airport (B) Train: Platform  
 (C) Parasite: Organism (D) Tiger: Deer
13. Snake : Reptile :: \_\_\_\_\_ : \_\_\_\_\_  
 (A) Bat : Mammal (B) Cow : Calf  
 (C) Fish : Pond (D) Soldier : Regiment
14. Optimistic : Pessimistic :: \_\_\_\_\_ : \_\_\_\_\_  
 (A) Difficult : Impossible (B) Birds : Flight  
 (C) Tolerating : Disgusting (D) Export : Import
15. Some boys are standing in a queue. If the 10<sup>th</sup> boy from behind is 5 positions behind the 12<sup>th</sup> boy from the front, how many boys are there in the queue?  
 (A) 27 (B) 17  
 (C) 26 (D) 20
16. A cricket ball is lighter than a hockey ball. A volley ball is lighter than a football. A hockey ball is lighter than a football. Which among these four is the heaviest?  
 (A) cricket ball (B) hockey ball  
 (C) football (D) volley ball
17. Which of the following does not belong to the group?  
 (A) x (B) c  
 (C) v (D) Q

**Directions (18–22):** There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group.

18. Who is the mother?  
 (A) A (B) B  
 (C) D (D) E

---

*Space For Rough Work*

19. Who is E's husband?  
 (A) B (B) C  
 (C) A (D) F
20. How many male numbers are there in the group?  
 (A) 1 (B) 2  
 (C) 3 (D) 4
21. How is F related to E?  
 (A) uncle (B) husband  
 (C) son (D) daughter
22. Which of the following is a group of brothers?  
 (A) ABF (B) ABD  
 (C) BFC (D) BDF

**For question (23):** Which one of the letter/s replaces the question mark (?)

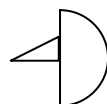
23. A C F J ? U  
 (A) L (B) M  
 (C) N (D) O

24. Find the missing number

3	6	8
4	5	5
10	3	?
120	90	240

- (A) 4 (B) 6  
 (C) 8 (D) 10
25. Consider the following set of digits : 7 8 9 7 6 5 3 4 2 8 9 7 2 4 5 9 2 9 7 6 4 7  
 How many 7's are preceded by 9 and followed by 6?  
 (A) 3 (B) 1  
 (C) 2 (D) 4
26. TALE : LATE :: ? : CAFÉ  
 (A) FACE (B) CAEF  
 (C) CEFA (D) FEAC

27. 

- (A)  (B) 
- (C)  (D) 

*Space For Rough Work*

**Directions (28 –31):** Find the odd man out :-

28. (A) hockey (B) football  
(C) tennis (D) chess
29. (A) cabbage (B) carrot  
(C) lady finger (D) peaches
30. (A) peddler (B) hawker  
(C) vendor (D) buyer
31. (A) lion (B) whale  
(C) panther (D) crocodile
32. Complete the alphabetic series :  
AZ, CY, EX, .....
- (A) FW (B) GW  
(C) HV (D) HW
33. Whisper : Speak ::  
(A) brush : touch (B) skip : walk  
(C) listen : hear (D) request : ask
34. Lace : Shoe ::  
(A) cuff : trousers (B) final : certain  
(C) request : ask (D) buckle : belt
35. If the word "MEMBER" is written as "LDLADQ" in coded language, "BEER" will be written as?  
(A) DDDQ (B) DDAQ  
(C) ADDQ (D) NDDQ
36. If DINESHKU is written as 82517493 in the coded language, SHKNUDI will be written as  
(A) 7453298 (B) 7495238  
(C) 7493582 (D) 7495382
37. Vineet started walking towards west. Then he turned to the right. Once again he turned to the right and last of all, he turned to the left. Towards which direction is he going now?  
(A) north (B) south  
(C) east (D) west
38. A young man turned towards north from point A and walked 30 mtrs. Then he turned to his left and walked another 40 mtrs. Then he reached the point B. Locate the direction of point B with respect to A.  
(A) east – west (B) north – west  
(C) east – south (D) south – west
39. In a queue, Sohan's number is 18<sup>th</sup> from the right side and 34<sup>th</sup> from the left side. How many children are there in queue?  
(A) 55 (B) 51  
(C) 56 (D) 52

---

*Space For Rough Work*

40. In his class Vinay's no. is 7 from the beginning but his number is 34 from the end. How many students are there in the class?  
(A) 42 (B) 40  
(C) 45 (D) 48
41. Kunal walks 10 km towards North. From there he walks 6 km towards South. Then, he walks 3 km towards East. How far and in which direction is he with reference to his starting point?  
(A) 5 km West (B) 7 km West  
(C) 7 km East (D) 5 km North-East

**Directions (42–45):** In each of the following questions, find which one word can not be made from the letters of the given word.

42. CARPENTER  
(A) NECTAR (B) CARPET  
(C) PAINTER (D) REPENT
43. REASONABLE  
(A) BRAIN (B) BONES  
(C) NOBLE (D) ARSON
44. INTELLIGENCE  
(A) CANCEL (B) INCITE  
(C) GENTLE (D) NEGLECT
45. UNCONSCIOUS  
(A) SON (B) COIN  
(C) SUN (D) NOSE

---

*Space For Rough Work*

# FIITJEE ADMISSION TEST

Class – VIII (going to class IX)

**IQ**

**ANSWERS**  
PART – 1

- |       |       |       |       |
|-------|-------|-------|-------|
| 1. C  | 2. D  | 3. D  | 4. C  |
| 5. A  | 6. B  | 7. C  | 8. C  |
| 9. A  | 10. A | 11. A | 12. C |
| 13. A | 14. D | 15. C | 16. C |
| 17. D | 18. D | 19. C | 20. D |
| 21. C | 22. A | 23. D | 24. B |
| 25. C | 26. A | 27. A | 28. D |
| 29. D | 30. D | 31. D | 32. B |
| 33. A | 34. D | 35. C | 36. D |
| 37. A | 38. B | 39. B | 40. B |
| 41. D | 42. C | 43. A | 44. A |
| 45. D |       |       |       |