

FIITJEE ADMISSION TEST

Class – XII PASS

IQ

Time : 90 Minutes

Maximum Marks : 135

Instructions:

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

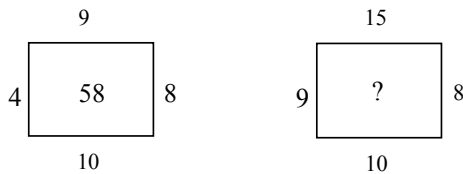
PART – 1

3B	27D	9F
7I	21K	3M
4D	?	7H

1.

- (A) 11E (B) 28F (C) 28E (D) 48F

2.



- (A) 117 (B) 100 (C) 78 (D) 63

3. A group of 1200 persons consisting of captains and soldiers are traveling in train. For every 15 soldiers there is one captain. The number of captains in the group is:

- (A) 85 (B) 80 (C) 75 (D) 70

4. A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly?

- (A) 12 (B) 16 (C) 24 (D) 18

Directions (5–6): Identify the odd-one-out in each set of words:

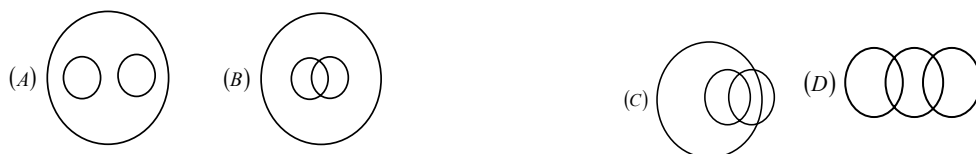
5. (A) Lucknow (B) Bhopal (C) Jaipur (D) Mysore
 6. (A) Sitar (B) Guitar (C) Mrudangam (D) Violin

Directions (7–10): Following questions are based on word analogy:

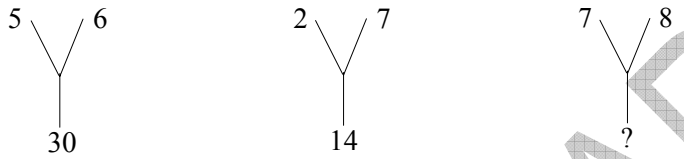
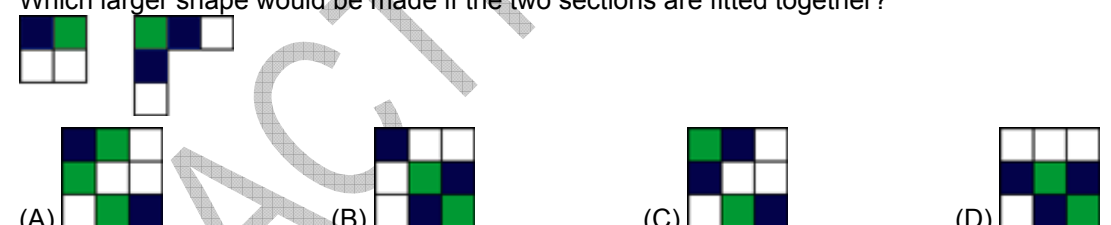

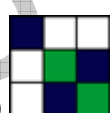
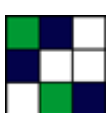

For example, Whale : Mammal :: Crocodile : ... has the answer 'Reptile'.

7. Newspaper : Press :: Cloth : ...
 (A) Tailor (B) Silk (C) Fibre (D) Mill
 8. Mumbai : Maharashtra :: Trivandrum : ...
 (A) Tamilnadu (B) Cochin (C) Karnataka (D) Kerala
 9. Mango : Fruit :: Potato : ...
 (A) Root (B) Stem (C) Flower (D) Branch
 10. Food : Stomach :: Fuel : ...
 (A) Petrol (B) Car (C) Liquid (D) Engine

Directions (11–15): For each question, choose from among the four Venn diagrams A, B, C, D given below, the one that represents best, the relationship amongst the three classes given in the questions.



11. Females, Mothers, Doctors.
 12. Sports, Cricket, Foot Ball.

13. Pets, Dogs, Birds.
14. Teachers, Humans Graduates.
15. Potato, Cabbage, Vegetables.
16. c__bba__cab__ac__ab__ac
 (A) abcbc (B) acbab (C) babcc (D) acbcb
17. If Z = 52, and ACT = 48, then BAT will be equal to
 (A) 39 (B) 41 (C) 44 (D) 46
18. 
 (A) 20 (B) 15 (C) 120 (D) 56
19. Which one of the following is least like the other three?
 (A) Dog (B) Mouse (C) Lion (D) Snake
20. Which one of the five choices makes the best comparison?
 PEACH is to HCAEP as 46251 is to:
 (A) 26451 (B) 12654 (C) 51462 (D) 15264
21. Mary, who is sixteen years old, is four times as old as her brother. How old will Mary be when she is twice as old as her brother?
 (A) 20 (B) 24 (C) 26 (D) 28
22. Which larger shape would be made if the two sections are fitted together?

 (A)  (B)  (C)  (D) 
23. At the end of a banquet 10 people shake hands with each other. How many handshakes will there be in total?
 (A) 100 (B) 20 (C) 45 (D) 50
24. The day before the day before yesterday is three days after Saturday. What day is it today?
 (A) Monday (B) Tuesday (C) Wednesday (D) Friday
25. Which number should come next in the series 1, 3, 6, 10, 15,
 (A) 8 (B) 11 (C) 24 (D) 21
26. 165135 is to peace as 1215225 is to
 (A) lead (B) love (C) loop (D) castle
27. Library is to book as book is to
 (A) page (B) copy (C) binding (D) cover
28. Which number should come next in this series?
 25, 24, 22, 19, 15
 (A) 4 (B) 5 (C) 10 (D) 14

29. Which number should come next in this series?

3, 5, 8, 13, 21,

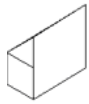
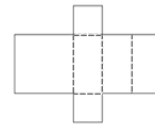
(A) 4

(B) 21

(C) 31

(D) 34

30. Which diagram results from folding the diagram on the left?



A



B

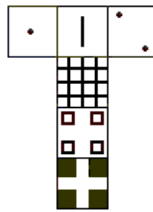


C



D

31. Which of the cubes is the same as the unfolded cube below?



(A)



(B)

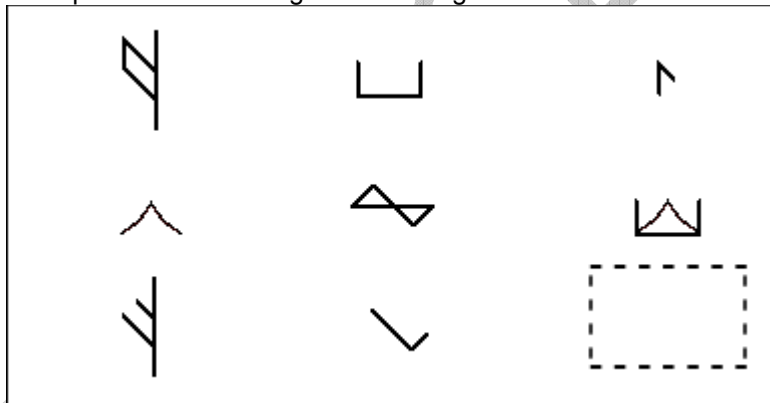


(C)



(D)

Pick the piece that's missing from the diagram below



32.



(A)



(B)



(C)



(D)

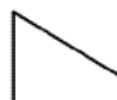
33. Which figure is the odd one out?



(A)



(B)

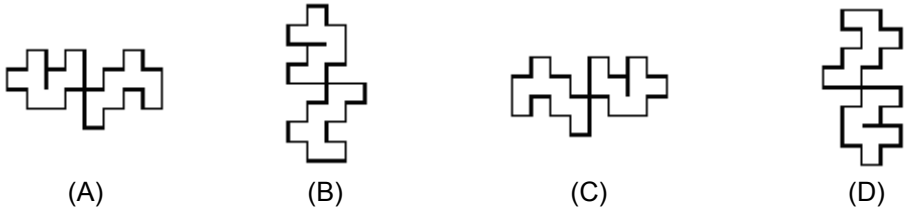


(C)

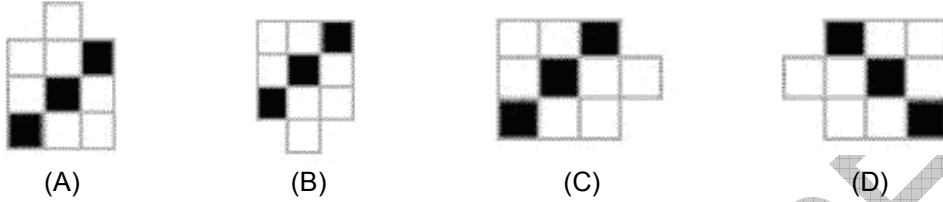


(D)

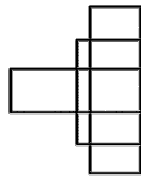
34. Which of the following figures is the odd one out?



35. Which of the following figures is the odd one out?

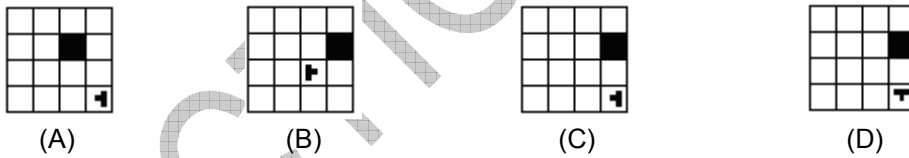
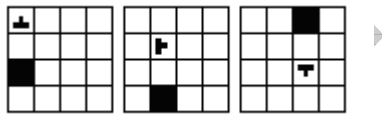


36. How many four sided shapes does this diagram have?



- (A) 5-10 (B) 11-15 (C) 16-20 (D) 26-30

37. Find the picture that follows logically from the diagrams to the right.



38. Please enter the missing figure: 4, 5, 8, 17, 44, ?

- (A) 80 (B) 125 (C) 112 (D) 60

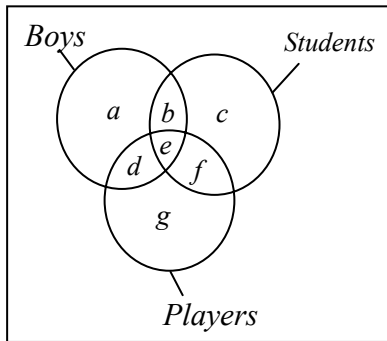
39. Please enter the missing figure: 13, 57, 911, 1315, 1719, ?

- (A) 2123 (B) 1879 (C) 3002 (D) 5004

40. Which of the diagrams follows?



Direction for questions (41 to 45) : Each question is based on the Venn diagram given below :



41. The number of boys who are neither students nor players is ...
 (A) a (B) b (C) d (D) e
42. The number of boys who are both students and players is...
 (A) a (B) e (C) f (D) b+d
43. The number of students who are boys but not players is...
 (A) b (B) c (C) e (D) f
44. The number of players who are boys but not students is...
 (A) g (B) f (C) e (D) d
45. The number of students who are neither boys nor players is...
 (A) b (B) c (C) e (D) f

Space for rough work

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IQ

ANSWERS

PART – 1

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